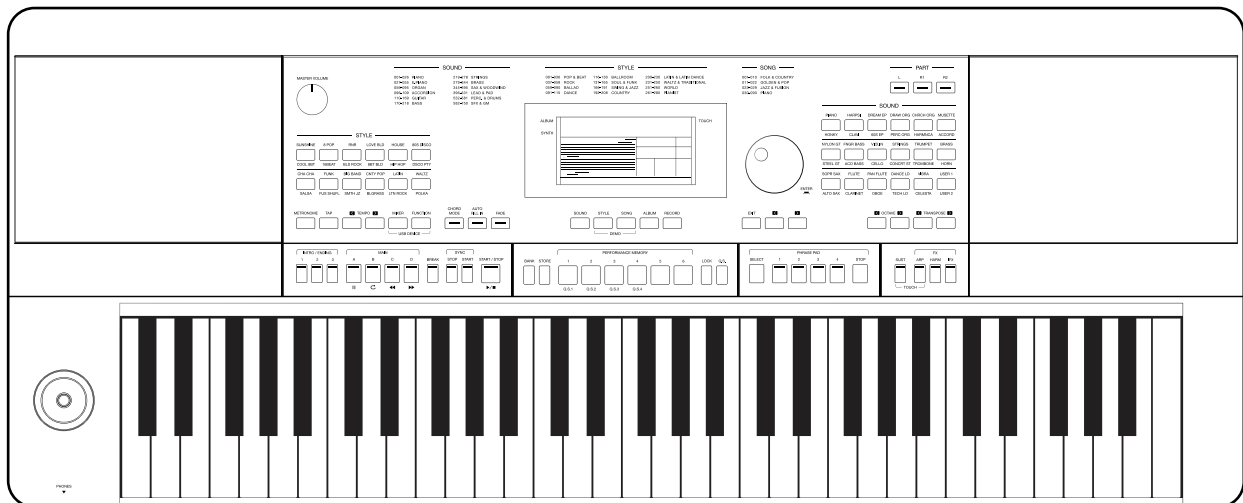


ACCOMPANIMENT KEYBOARD

Owner's Manual



INFORMATION FOR YOUR SAFETY!

THE FCC REGULATION WARNING (for USA)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the user's authority to operate this equipment.

CAUTION

The normal function of the product may be disturbed by Strong Electro Magnetic Interference. If so, simply reset the product to resume normal operation by following the owner's manual. In case the function could not resume, please use the product in other location.

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe place for future reference.

Power Supply

Please connect the designated DC adapter to an AC outlet of the correct voltage.

Do not connect it to an AC outlet of voltage other than that for which your instrument is intended.

Unplug the DC power adapter when not using the instrument, or during electrical storms.

Connections

Before connecting the instrument to other devices, turn off the power to all units. This will help prevent malfunction and / or damage to other devices.

Location

Do not expose the instrument to the following conditions to avoid deformation, discoloration, or more serious damage:

- Direct sunlight
- Extreme temperature or humidity
- Excessive dusty or dirty location
- Strong vibrations or shocks
- Close to magnetic fields

Interference with other electrical devices

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.

Cleaning

Clean only with a soft, dry cloth.

Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

Handling

Do not apply excessive force to the switches or controls.

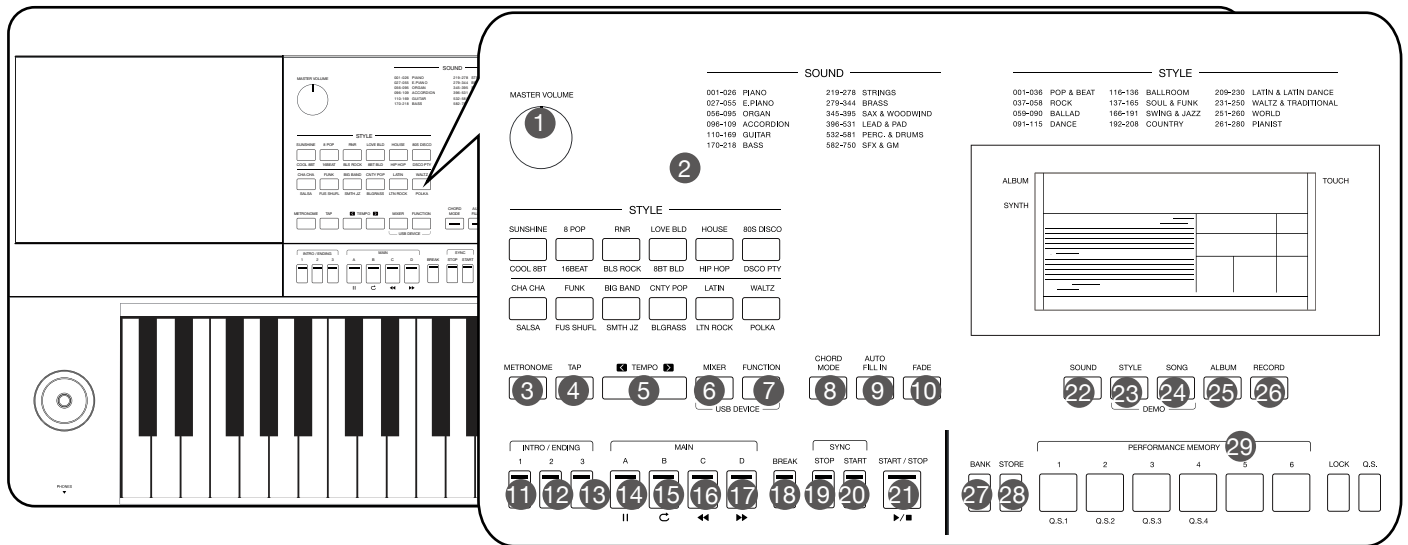
Do not let paper, metallic, or other objects into the instrument. If this happens, remove the electric plug from the outlet. Then have the instrument inspected by qualified service personnel.

Disconnect all cables before moving the instrument.

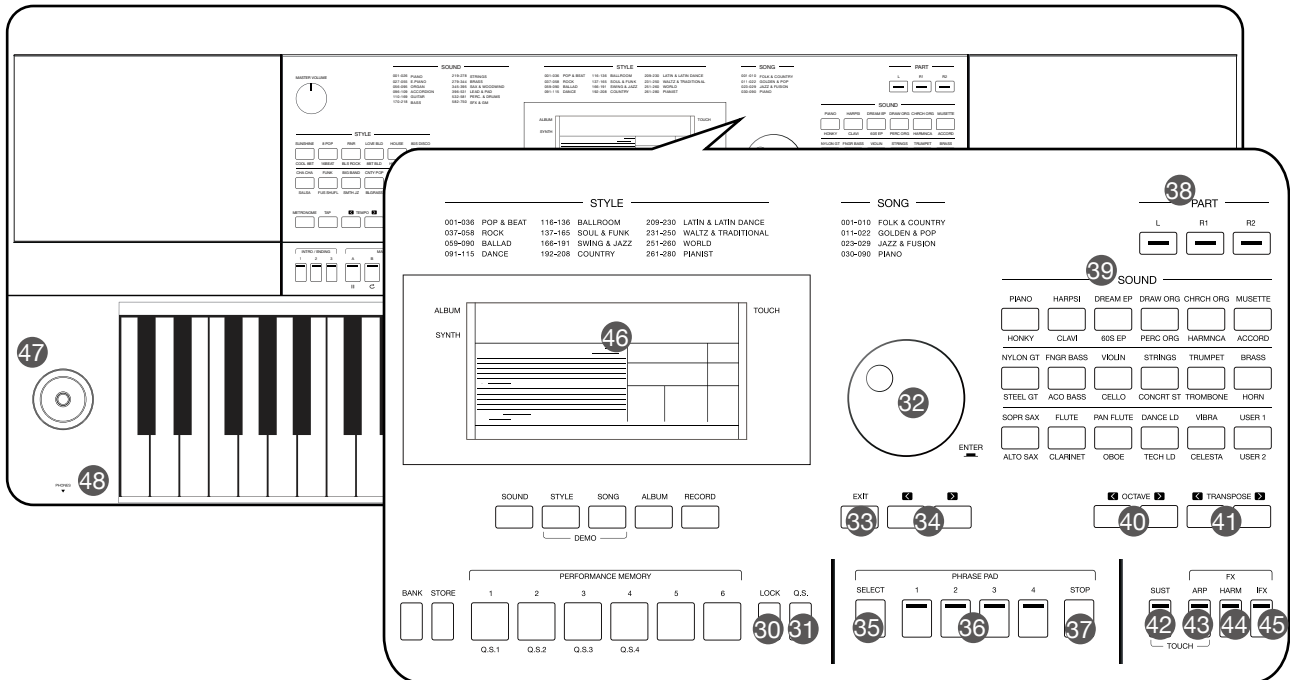
| | | | |
|--|----|--------------------------------------|----|
| Panel & Display Description | 4 | Effects | 24 |
| Front Panel..... | 4 | Insert Effects..... | 24 |
| Joystick | 5 | Global Effects | 24 |
| Rear Panel..... | 6 | Master EQ | 25 |
| LCD | 6 | Performance Enhancement | 26 |
| Setup | 7 | Arpeggio | 26 |
| Power Supply..... | 7 | Harmony | 26 |
| Music Stand | 7 | USB Storage Devices | 26 |
| Connecting the Headphones | 7 | Common Operation | 26 |
| Connecting Pedals | 7 | Play | 27 |
| Connections | 8 | Save | 27 |
| Connecting to external PA systems | 8 | Load | 28 |
| Connecting an MP3/CD Player..... | 8 | Format | 28 |
| Connecting a Computer | 8 | Setting | 29 |
| Connecting a USB Flash Drive..... | 8 | Tune | 29 |
| Sounds | 9 | Metronome Time Signature | 29 |
| Playing Sounds..... | 9 | Fade In/Out Time | 30 |
| Setting the Keyboard Touch Sensitivity | 9 | Split Point..... | 30 |
| Transpose & Octave..... | 10 | Harmony Type..... | 30 |
| Sustain..... | 10 | Arpeggio Type..... | 30 |
| Synth | 10 | Arpeggio Hold..... | 30 |
| Style | 12 | Lock | 30 |
| Using Styles | 12 | Sustain Pedal..... | 31 |
| Style Playback | 12 | Expression Pedal..... | 31 |
| Chord Mode | 14 | Joystick Down | 31 |
| Setting Chord Detect Mode | 16 | Recorder Mode | 31 |
| Quick Setting (Q.S.) | 16 | MIDI Out Channels | 31 |
| Songs and Audio | 17 | Auto Power Off | 31 |
| Playing Songs and Audio | 17 | MIDI | 32 |
| MIDI Recording | 17 | What's MIDI? | 32 |
| Audio Recording | 18 | Troubleshooting | 32 |
| Metronome | 19 | Specifications | 33 |
| Tempo | 19 | Appendices | |
| Phrase Pads | 20 | Sound List | 35 |
| Selecting a Phrase Pad Bank..... | 20 | Style List | 49 |
| Playing Phrase Pads..... | 20 | Song List..... | 52 |
| Playing Phrase Pads with Chord Mode | 21 | Phrase Pad List..... | 53 |
| Album | 21 | Insert Effect List | 54 |
| Demo | 22 | Global Effect List | 55 |
| Mixer | 22 | Part Effect List | 57 |
| Performance Memory | 23 | Chord List | 58 |
| Using Performance Memory | 23 | MIDI Implementation Chart..... | 59 |
| Locking Parameters..... | 23 | | |

Panel & Display Description

Front Panel



- 1. VOLUME Knob**
Adjust the master volume.
- 2. STYLE Selection Button**
Select directly a preset Style.
- 3. METRONOME Button**
Turn the metronome on and off.
- 4. TAP Button**
Input tempo by tapping.
- 5. TEMPO <, > Buttons**
Adjust the current tempo.
- 6. MIXER Button**
Enter Mixer menu.
- 7. FUNCTION Button**
Enter Function menu.
- 6&7. USB Button**
Press the MIXER and FUNCTION buttons at the same time to enter the USB flash drive menu.
- 8. CHORD MODE Button**
Turn on, off and set the chord mode.
- 9. AUTO FILL IN Button**
Turn Auto Fill In on and off.
- 10. FADE Button**
Turn Fade In or Out, on and off.
- 11. INTRO1/ENDING1 Button**
Play the Intro or Ending 1.
- 12. INTRO2/ENDING2 Button**
Play the Intro or Ending 2.
- 13. INTRO3/ENDING3 Button**
Play the Intro or Ending 3.
- 14. MAIN A Button**
Play the main A part of the Style.
- 15. MAIN B Button**
Play the main B part of the Style.
- 16. MAIN C Button**
Play the main C part of the Style.
- 17. MAIN D Button**
Play the main D part of the Style.
- 18. BREAK Button**
Play the break of the selected style.
- 19. SYNC STOP Button**
Turn Sync Stop on and off.
- 20. SYNC START Button**
Turn Sync Start on and off.
- 21. START/STOP Button**
Start or stop the playing.
- 22. SOUND Button**
Enter the Sound mode.
Press repeatedly to switch R1-R2-L.
- 23. STYLE Button**
Enter the Style mode.
- 24. SONG Button**
Enter the Song mode.
- 25. ALBUM Button**
Turn Album function on and off.
- 26. RECORD Button**
Enter the record mode.
- 27. BANK Button**
Select a Performance Memory bank.
- 28. STORE Button**
Save current panel settings to one of the Performance Memory slots.
- 29. PERFORMANCE MEMORY 1 - 6 Buttons**
Recall the memorised setting.
QUICK SETTING
Recall the Sound setting for the current Style.



30. LOCK Button
Turn the LOCK function on or off.

31. Q.S. Button
Access Quick Setting.

32. Data Dial / ENTER Button
Increase and decrease the values, or provide confirmation when pressed.

33. EXIT Button
Exit Menu or Cancel.

34. <, > Buttons
Decrease or increase values.

35. PHRASE PAD SELECT Button
Select a desired Phrase Pad Bank.

36. PHRASE PAD 1 – 4 Buttons
Start the percussion and melodic phrases playback.

37. PHRASE PAD STOP Button
Stop the percussion and melodic phrases playback.

38. PART Buttons
Turn each Sound part on and off.

39. SOUND Selection Buttons
Select directly a preset Sound.

40. Octave <, > Buttons
Adjust the octave value.

41. TRANSPOSE <, > Buttons
Adjust the transpose value.

42. SUSTAIN Button
Turn the sustain on and off.

43. ARPEGGIO Button
Turn the arpeggio on and off.

42&43. Touch Button
Press the SUSTAIN and ARPEGGIO Button at the same time to turn Touch mode on and off.

44. HARMONY Button
Turn the harmony effect on and off.

45. IFX Button
Turn the Insert Effect on and off.

46. LCD
Show all the important settings for the current operation.

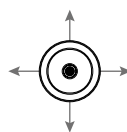
47. JOYSTICK
Control the pitch bend, modulation or assign functions of the keyboard.

48. PHONES Output Jack
For connecting headphones to the keyboard.

Joystick

The instrument has a four-direction joystick. Move the Joystick up, down, left, or right to change keyboard pitch or sound effects. After releasing it, the Joystick will return to the neutral position.

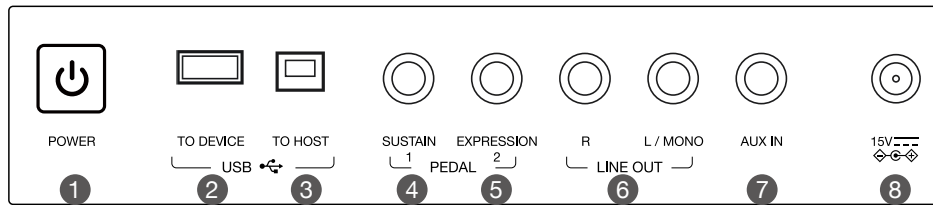
The assigned parameters:



| | | |
|----|---|-----------------|
| X- | ← | Pitch Bend Down |
| X+ | → | Pitch Bend Up |
| Y+ | ↑ | Modulation |
| Y- | ↓ | (Assignable) |

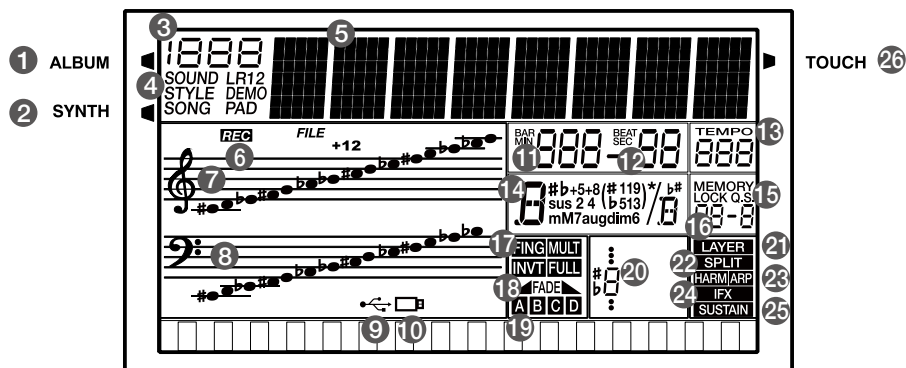
Panel & Display Description

Rear Panel



1. **POWER Button**
Turn the power on and off.
2. **USB TO DEVICE Port**
For Connecting an USB flash drive device.
3. **USB TO HOST Port**
For connecting to a computer.
4. **SUSTAIN PEDAL Jack**
For connecting a sustain pedal (assignable).
5. **EXPRESSION PEDAL Jack**
For connecting an expression pedal (assignable).
6. **LINE OUTPUT Jacks**
For connecting to external speakers or a PA system.
7. **AUX INPUT Jack**
For connecting an external audio source, such as an MP3 or CD player.
8. **POWER Jack**
Connect DC 15V power adaptor.

LCD

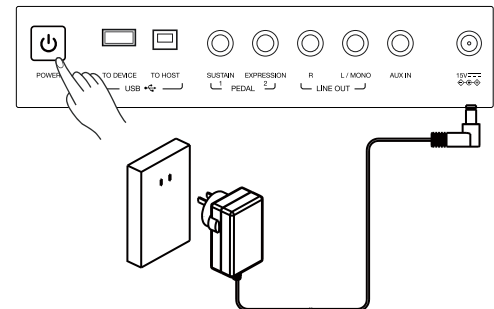
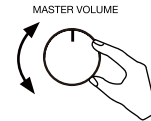


- | | | |
|--------------------------------------|-----------------------------------|------------------------|
| 1. ALBUM | 10. USB DEVICE | 19. SECTION A/B/C/D |
| 2. SYNTH | 11. BAR / MINUTE | 20. NUMBERED NOTATION |
| 3. SERIAL NUMBER | 12. BEAT / SECOND | 21. LAYER |
| 4. SOUND / STYLE / SONG / DEMO / PAD | 13. TEMPO | 22. SPLIT |
| 5. INFO | 14. CHORD | 23. HARMONY / ARPEGGIO |
| 6. RECORD | 15. MEMORY / LOCK / QUICK SETTING | 24. IFX |
| 7. TREBLE CLEF | 16. MEMORY SETTING STORE/BANK | 25. SUSTAIN |
| 8. BASS CLEF | 17. CHORD MODE | 26. TOUCH |
| 9. USB | 18. FADE | |

This section contains information about setting up your instrument and preparing to play. Please go through this section carefully before turning the power on.

Power Supply

1. Before connecting to power supply, please set the master volume to zero.
2. Connect the AC adaptor to the DC 15V jack of this keyboard.
3. Plug the AC adaptor into an AC outlet.
4. Press the [POWER] button, the LCD will be lit, which indicates the instrument is powered on.
5. When turning the power off, set the master volume to zero.
6. Press and hold [\lt]/[\gt] buttons at the same time, and then press the [POWER] button to turn on the piano, which will clear all user data in the piano, including user songs, user style, user sound and user memory.



Notes:

1. In order to save energy, the instrument will automatically shutdown in 30 minutes if it is not used. (Please refer to Auto Power Off).
2. For your safety, please unplug the instrument when it is not in use or during a thunderstorm.

Music Stand

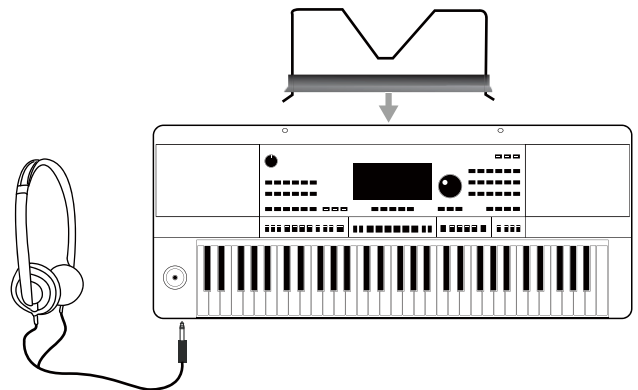
A music stand is supplied with the keyboard. Insert it into the slots at the rear panel to attach it to the instrument.

Connecting the Headphones

When a pair of stereo headphones (not included) is connected to the [PHONES] jack, the speakers will automatically switch off so that sound will only be heard in the headphones.

Note:

To prevent hearing damage, do not use headphones at high volume or for long periods of time.



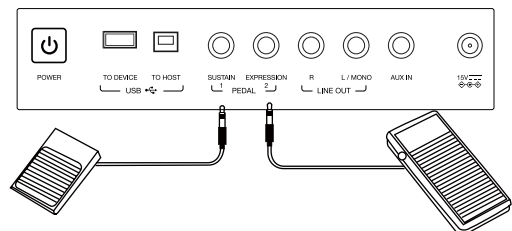
Connecting Pedals

Connecting a Sustain Pedal

Plug in a sustain pedal or switch here to apply dampening effects to your playing.

Connecting an Expression Pedal

An optional expression pedal can be plugged into the expression jack for assigning an available function as desired.



Connections

Connecting to external PA systems

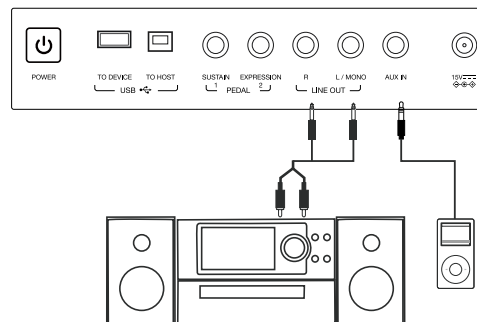
Use an audio cable to connect the LINE OUT jack of the instrument to the audio INPUT jack of the external equipment. When L/MONO jack is used, both L and R signals are merged and output in mono.

Note:

To avoid damaging the speakers, please set the master volume to zero before connecting the power and other devices.

Connecting an MP3/CD Player

Connect an external audio source to the AUX IN jack on the rear panel. The input signal is mixed with the instrument signal.



Connecting a Computer

Please connect the USB TO HOST jack of the instrument to the USB port of a computer.

Note:

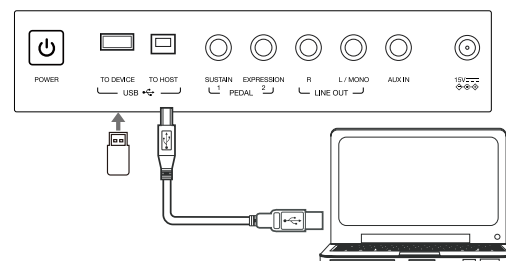
This instrument comes with both USB MIDI and USB Audio features.

Connecting a USB Flash Drive

Connect a USB flash drive to the instrument, you can save the data such as Performance memory settings, recorded data to the USB flash drive, or load and play back files saved in the USB flash drive on the instrument.

Note:

To avoid error or damaging the USB flash drive, do not remove it when reading or writing is in progress.



The instrument has three parts: L, R1 and R2. You can use the [PART] button to switch these parts ON or OFF.

Playing Sounds

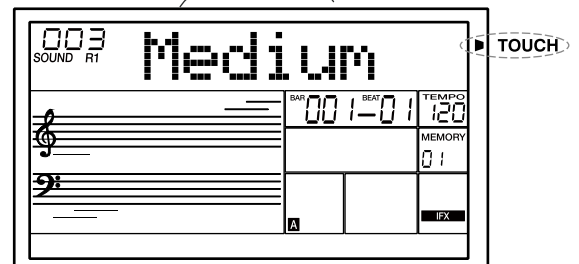
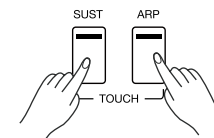
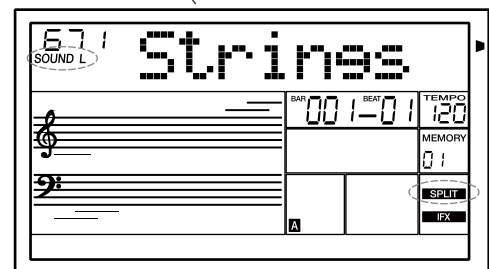
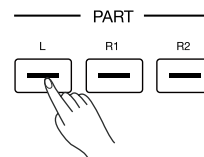
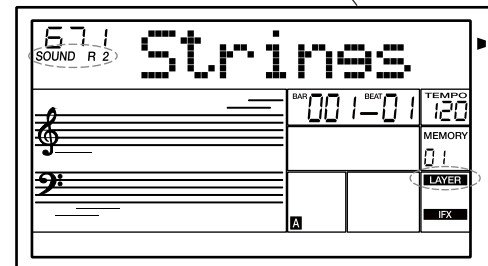
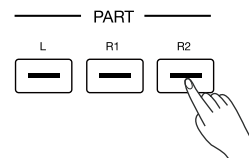
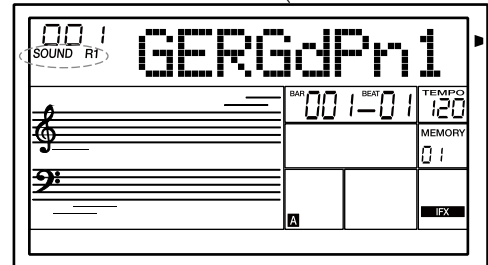
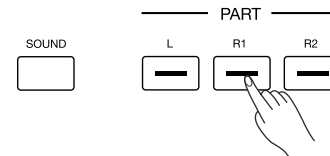
Turning on the Part Switch, Selecting and Playing a Sound

1. Press the [PART R1] button to turn it on, LCD shows “SOUND R1” and the current sound number and name.

2. There are two ways to select sounds:

Press one of the [SOUND SELECT] buttons to select the sound you want to play, LCD shows the current sound number and name.

Press the [SOUND] button to enter the SOUND mode, then use the data dial or [<] / [>] buttons to select the sound you want to play. LCD shows the current sound number and name.



Playing Two Sounds Simultaneously

1. Press the [PART R2] button to turn the part on. “LAYER” light up on display.

2. Selecting a sound for SOUND R2. Use the data dial or [<] / [>] buttons to select the R2 sound.

3. After selecting a sound for two parts, play the keyboard and you will hear a layered, ensemble sound combining two parts.

Playing Different Sounds with Both Hands

1. Press the [PART L] button to turn the part on. The keyboard is split into the left and right areas, each with a different sound. “SOUND L” and “SPLIT” light up on display. LCD shows the current sound number and name.

2. Selecting a sound for SOUND L. Use the data dial or [<] / [>] buttons to select the L sound.

Split Point

The key that separates sound L and sound R1/R2 is called the “split point”. The split point is set to F#3 at the factory setting. This can be changed to any other key in Setting.

Setting the Keyboard Touch Sensitivity

This instrument features several different touch sensitivity curves programmed to simulate the touch response of various model acoustic pianos.

1. Press the [SUST] button and [ARP] button simultaneously, to open or close touch sensitivity setting.

2. There are five built-in touch types, namely Soft2, Soft1, Medium, Hard1, Hard2. The default type is Medium.

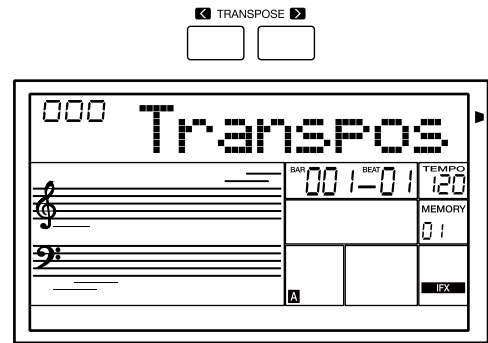
3. If you select Off, the keyboard touch is fixed, the touch sign in the upper right corner will go out.

Transpose & Octave

Transpose

The transpose function allows the overall pitch of the instrument, including Styles and Songs, to be transposed up or down by a maximum of one octave in semitone steps.

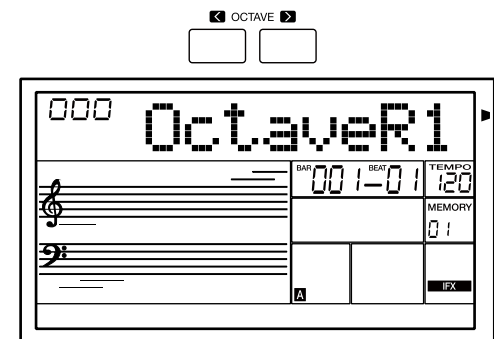
1. Press [TRANSCOPE <] or [TRANSCOPE >] button to adjust the value from -12 to +12 semitones.
2. Press [TRANSCOPE <] or [TRANSCOPE >] button simultaneously, it will reset the value to default: 0.



Octave

You can also shift the pitch of a specific part or track up or down by full octaves. Octave shift is not available for Style and Song modes.

1. Press [OCTAVE <] or [OCTAVE >] button to change the octave value within the range of -2 to +2.
2. Press [OCTAVE <] or [OCTAVE >] button simultaneousl, it will set the value to default: 0.

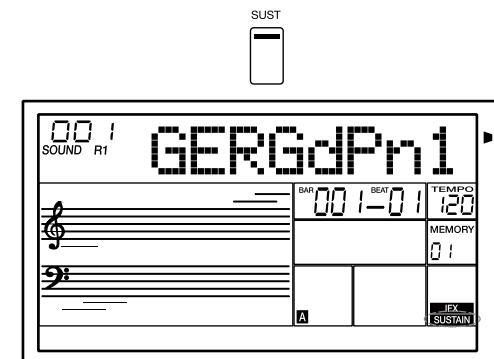


Note:

The sound octave adjusted depends on the current sound layer.

Sustain

1. Press the [SUST] button to turn the SUSTAIN effect on or off.
2. When the sustain is turned on, "SUSTAIN" lights up on display, and all notes you play will have a longer sustain.

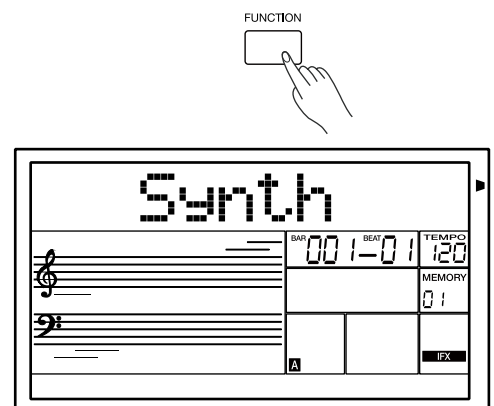


Synth

You can use the Synth function to create your own sound based on the built-in sound samples.

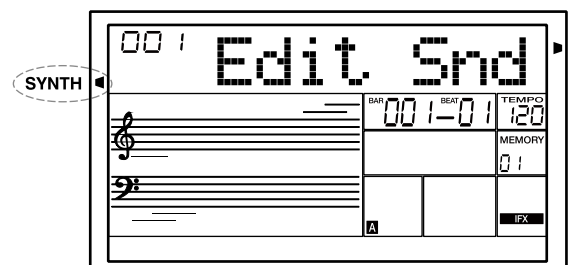
Entering the Synth

Press [FUNCTION] button and go to Synth to access the Synth function.

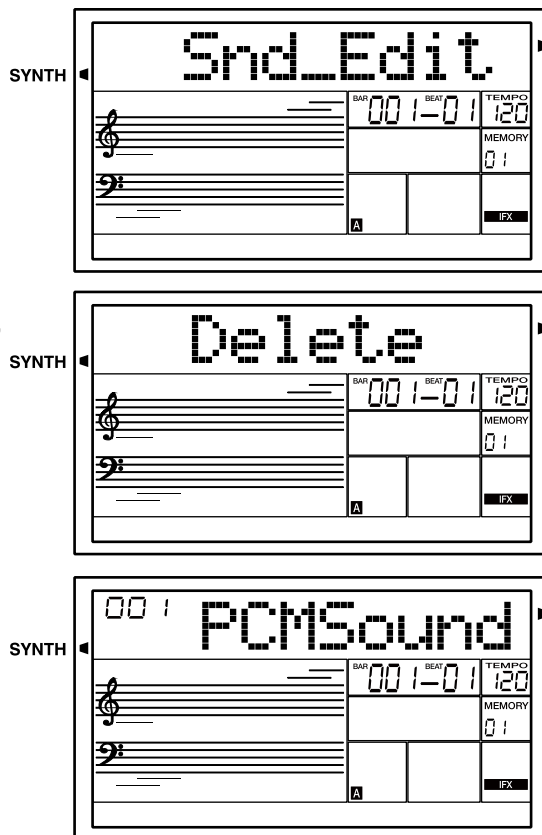


Creating user sound

1. LCD will first display "Edit Snd" and sound number. The Synth flag will be lit. Use [<] / [>] buttons to select a desired user sound slot.



2. Press [ENTER] button to enter the next menu. Then use the Data Dial to select “Snd_Edit” or “Delete”. Press [ENTER] to go forward or press [EXIT] to return to the previous menu.
3. If you select “Snd_Edit” and press [ENTER], the LCD will display “PCMSound” and sample sound number. Use [<] / [>] buttons to adjust the sound. Use Data Dial to select sound parameter, the sound parameter will display on the LCD as follows “PCMSound”, “Cutoff”, “Resonance”, “Env Attk”, “Env Dcy”, “Env Sust”, “Env Rls”, “VibRate”, “VibDepth”, “VibDelay”. Use [<] / [>] buttons to adjust the value, you can play the keyboard to listen to the sound effect. If you press [EXIT] button, LCD displays “Save?”, press [ENTER] button to save the user sound or press [EXIT] button without saving. If after saving, you can find your edited user sound in the last serial number of sound mode.
4. If you select the “Delete” menu and press [ENTER] button, LCD displays “Sure?”, press [ENTER] button to delete the current user sound, and then return to previous menu. If you press [EXIT] button cancel the operation, and then return to previous menu.



| Parameter name | Range | Default | Note |
|----------------|-----------|---------|---|
| PCMSound | 001 - n | 001 | n is the number of actual PCM's used in the keyboard. |
| Cutoff | 000 - 127 | 064 | Adjust the filter cutoff of the sound. As the value is turned higher, the sound becomes brighter. |
| Resonanc | 000 - 127 | 064 | Adjust the filter resonance of the sound. As the value is turned higher, the resonance effect becomes stronger. |
| Env Attk | 000 - 127 | 064 | Determines the time it takes for a sound to reach maximum volume after the key is pressed and sound begins. As the value is turned lower, the sound begins faster. |
| Env Dcy | 000 - 127 | 064 | Determines the time it takes for a sound to reach its sustain level volume after the attack. As the value is turned lower, the sound decays faster. |
| Env Rls | 000 - 127 | 064 | Determines the time from the key is released until the sound decays to silence. As the value turned lower, the sound disappears faster. |
| VibRate | 000 - 127 | 064 | Determines how fast one vibrato effect cycle is played. As the value is turned higher, the vibrato speed becomes faster. |
| VibDepth | 000 - 127 | 064 | Determines the strength of the vibrato effect. As the value is turned higher, the effect becomes stronger. |
| VibDelay | 000 - 127 | 064 | Determines how quickly the vibrato effect starts after the sound begins. As the value is turned higher, the vibrato starts later. |

Style

Using Styles

Selecting Various Styles

Press one of the [STYLE SELECT] buttons to select the style you want to play, LCD shows the current style number and name.

Press the [STYLE] button to enter the STYLE mode, then use the data dial or [<] / [>] buttons to select the style you want to play. LCD shows the current style number and name.

Playing the Percussion Tracks of a Style

The percussion track is a significant part of a style. You can generally identify the style of music by listening to its percussion track.

1. In the Style mode, press the [START/STOP] button. The style will immediately start with only the percussion track.
2. Press the [START/STOP] button again to stop the style playback.

Playing All Tracks of a Style

With auto accompaniment, you just need to play chords. The accompaniment will automatically follow along with the chords you play. This simulates the experience of playing with an orchestra. Play all the tracks of a style as follows:

1. Press the [CHORD MODE] button to turn on chord detection.
2. Press the [SYNC START] button to turn on the Sync Start function.
3. Press a chord in the chord area. It will start playing auto accompaniment of all tracks.
Experiment with playing different chords with your left hand and playing the melody with your right hand.
The automatic accompaniment will enhance your performance.

Style Playback

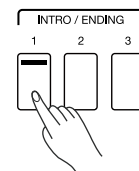
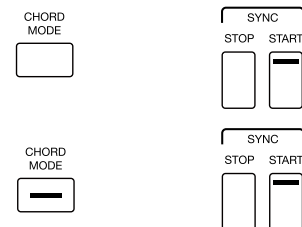
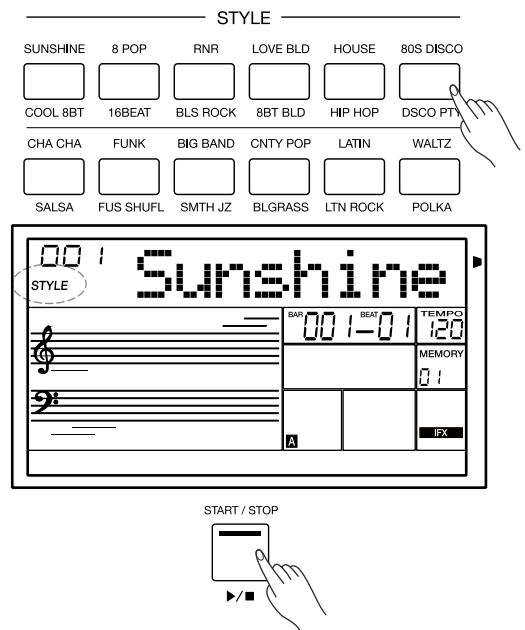
Style Variations

There are many preprogrammed variations of automatic accompaniment.

[INTRO1/ENDING1] - [INTRO3/ENDING3]

This instrument features three built-in Intro/Ending sections.

1. Press one of the [INTRO 1] - [INTRO 3] buttons before starting style playback. The [INTRO] button LED will light up. Press the [START/STOP] button or play a chord on the keyboard (if [SYNC START] is enabled) to start playing the Intro pattern.

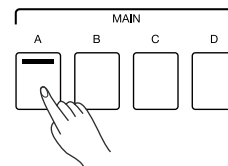


2. An Ending is commonly used at the end of a performance. This instrument features three built-in Ending sections. Press one of the [ENDING 1] - [ENDING 3] buttons to start the Ending section in the next measure. The Style playback will stop when the Ending finishes.

[MAIN A] - [MAIN D]

Main is used for the loop part of the song. This instrument features four built-in Main sections.

Press the [MAIN A] - [MAIN D] buttons during style playback to shift between different patterns. The new Main section will start playing at the next measure.



[BREAK]

When in Style playback, using a Break section can give even more dynamics to the Main section loop.

As the Style plays, press the [BREAK] button to play a Break section in the next measure.

After the Break plays, it will automatically return to the Main loop section.



Control Buttons

[START/STOP]

Start or stop playing back the Style. When the Style is playing, the [START/STOP] button LED flashes according to the current tempo.

[SYNC START]

Start Style playback when playing the keyboard.

When [CHORD MODE] is turned off, turn on the [SYNC START] button, and the percussion channels will start playing when you press any key.

When [CHORD MODE] and [SYNC START] are both turned on, the Style playback will be triggered by playing a chord in the keyboard chord detect area.

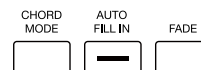
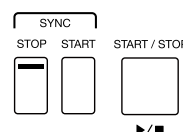
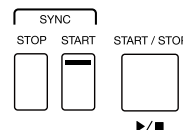
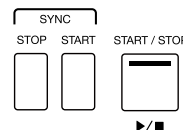
[SYNC STOP]

To stop the style when releasing the chord, press the [SYNC STOP] button. This only happens when [CHORD MODE] is enabled.

When [SYNC STOP] is turned on, the style stops when you release the chord. [SYNC START] will then automatically turn on for you to easily control the Style start and stop.

[AUTO FILL IN]

Turn on [AUTO FILL IN] by pressing the button. It will automatically play a Fill when you switch between Main Patterns. Putting Fills in your Style performance gives variation to the song between Main parts. This instrument features four built-in Fill sections. After the Fill plays, it will automatically return to the Main loop section.

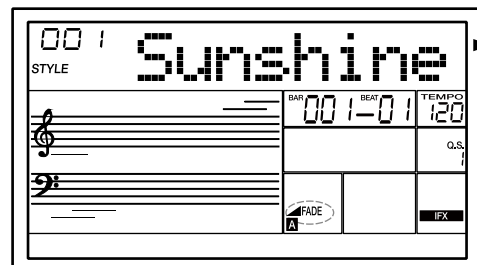
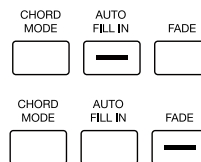


[FADE IN]

Starting the Style with Fade In produces a smooth beginning, with the volume increasing from low to high. Press the [FADE] button when Style playback is stopped. The [FADE] LED will light up. When the Fade In is complete, the [FADE] LED will go out.

[FADE OUT]

Stopping the Style with Fade Out produces a smooth ending, with the volume tapering from high to low. Press the [FADE] button during Style playback. The [FADE] LED will light up. When the Fade Out is complete, the Style will automatically stop and the LED will go out. The keyboard volume will also become lower if you are playing.



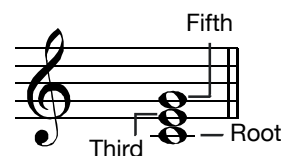
Chord Mode

Chord Basics

This section is a brief introduction to the basics of chords.

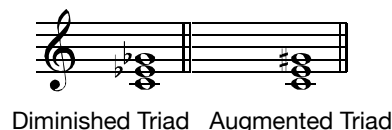
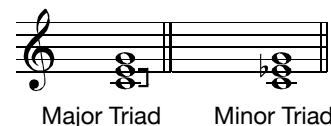
Chord Construction

1. When three or more notes are played together, they form a chord. A chord is the basic component of harmony, and each note in the chord is generally built according to a principle of thirds.
2. In most music, the fundamental chord is the “triad.” The notes that make up a chord are determined according to their position: the lowest note is called the “root”, the one a third interval above the root is called the “third”, and the one a fifth interval above the root is called the “fifth”.
3. The root note, also known as the tonic, is the most important note in a chord. It stabilizes the sound by determining the “mode” of the chord, fixing the composition of the other notes in the chord. The name of the chord structure depends on the interval of each note above the root note in the chord.



- When the root pitch is a perfect fifth away from the fifth note and a major or minor third from the third note, they are called “major chords” and “minor chords”.

- When the root pitch is a major third and an augmented fifth or a minor triad and a diminished fifth from the third note and fifth note, they are called the “augmented chord” and “diminished chord”.



According to the principle of third superposition, we can add a seventh (seven intervals from the root note) and ninth (nine intervals from the root note) on the triad to form a “seventh chord”, “ninth chord”, “eleventh chord” and “thirteenth chord”.

Please refer to a chord chart or use a chord reference for more information on chord types.

Chord Inversion

The “inversion” of a chord is formed by turning the root note upward and placing the third or fifth note in the lowest position. The chord is called an “inversion chord” when the root of the chord is not in the lowest position.

This instrument supports playing chords by using inversion chord fingering. When Bass inversion mode is turned on, the fingering of standard chords and the fingering of inversion chords will have different effects.

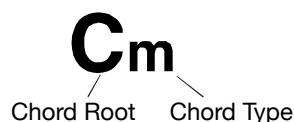


Root Position First Inversion Second Inversion

Chord Name

A chord name can tell you almost everything you need to know about a chord, including: the root of the chord, whether the chord is a major chord or a minor chord, an augmented chord or a diminished chord, a seventh chord or a ninth chord, and so on.

For example, the name below clearly indicates that the root of the chord is C, and the chord type is a minor triad, so this chord is a minor triad with C as the root.



Please refer to a chord chart or use a chord reference for more information on chord names.

Fingered

The default chord detect mode of this instrument is Fingered. You can either use Single-fingered or Multi-fingered.

Note:

In Single-fingered Mode, you can play Major chords, Minor chords, Seventh chords and Minor seventh chords by using up to three fingers. Let’s take for example a chord with root C and introduce the fingering for these four chords.

In Single Finger mode, you can play these four chords with a single finger.

| | | |
|------------|--|--|
| C | | ★ Major Triad Only press the root note on the keyboard. |
| Cm | | ★ Minor Triad Press the root note and the nearest left black key simultaneously. |
| C7 | | ★ Seventh chord Press the root note and the nearest left white key simultaneously. |
| Cm7 | | ★ Minor seventh chord Press the root note and the nearest left white and black keys simultaneously. |

Multi-fingered

Multi-fingered mode only detects multi-finger chords. Let’s take forexample a chord with root C and introduce fingering according to a chord chart or chord reference.

| | | | | | | | | | | | | |
|----------------------------|----------------------------|-------------------------------------|---|-------------------------|--------------------------|-------------------------|----------------------------|--|--------------------------|----------------------------|----------------------------|---------------------------|
| 1 C | 2 C ₆ | 3 C _{M7} | 4 C _{M7} (#11) | 5 C _M (9) | 6 C _{M7} (9) | 7 C ₆ (9) | 8 C _{aug} | 9 C _m | 10 C _{M6} | 11 C _{M7} | 12 C _{m7} (b5) | 13 C _M (9) |
| 14 C _{m7} (9) | 15 C _{m7} (11) | 16 C _m M ₇ | 17 C _m M ₇ (9) | 18 C _{dim} | 19 C _{dim7} | 20 C ₇ | 21 C _{7sus4} | 22 C ₇ (b5) | 23 C ₇ (9) | 24 C ₇ (#11) | 25 C ₇ (13) | 26 C ₇ (b9) |
| 27 C ₇ (b13) | 28 C ₇ (#9) | 29 C _{M7aug} | 30 C _{7aug} | 31 C _{sus4} | 32 C _{sus2} | 33 C(b5) | 34 C _{M7} (b5) | 35 C _m M ₇ (b5) | 36 C1+8 | 37 C1+5 | 38 Cancel | 39 Cancel/C |

Notes: enclosed in parentheses ⊕ are optional; the chords could be recognized without them.

Bass Invert

Detects inverted chords so the Bass channel can play a note other than the root of the chord.

Smart Full Range

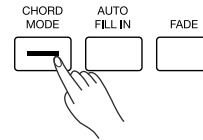
Detects multi-fingered chords in the full keyboard area.

Setting Chord Detect Mode

Which fingering to use depends on the setting of the chord detect mode.

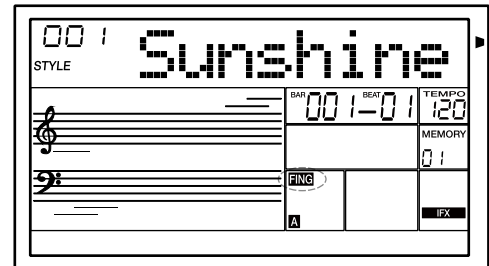
Entering Chord Mode

1. Press the [CHORD MODE] button to enter Chord mode.
2. Press the [CHORD MODE] button repeatedly to circulate between "FINGERED-MULTI-INVENT-FULL".
3. In FINGERED, MULTI, INVENT mode, the keyboard is divided into two sections. The chord section is in the left hand area. In SMART FULL RANGE mode, the entire keyboard is chord section.



Playing in Chord Mode

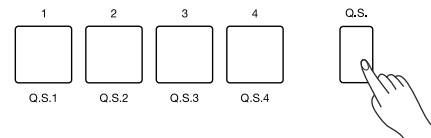
1. Press the [SYNC START] button to engage the sync start function.
2. Play a chord in the chord section, it will start playing auto accompaniment of all tracks. Or press the [START/STOP] button to start percussion playback, then play a chord in the chord section to start playing all tracks.



Quick Setting (Q.S.)

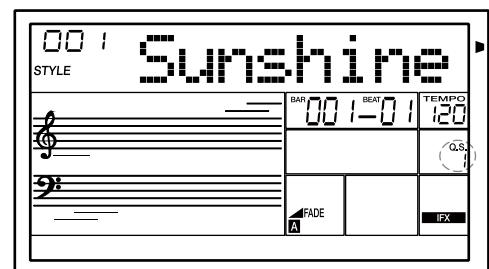
When Quick Setting is switched on, you can instantly recall all auto accompaniment related settings including sound selection and effects simply with a single touch of a button.

1. Press the [Q.S.] button to turn on Quick Setting for current style. [Q.S.1] - [Q.S.4] buttons are now active.
2. Press one of the [Q.S.1] - [Q.S.4] buttons to engage the desired setting. Various panel settings (such as sound, effect, etc.) that match the selected style can be instantly recalled. Sync start is automatically turned on when Q.S. is engaged.



Quick Setting parameter list:

- Part ON/OFF (Sound R1,R2 and L)
- Sound Number (Sound R1,R2 and L)
- Sound Volume (Sound R1,R2 and L)
- Sound IFX Level (Sound R1,R2 and L)



Songs and Audio

Playing Songs and Audio

You can also play audio files (WAV / MP3) and MIDI files from a USB device through the built-in speakers.

Selecting Songs

1. Press the [SONG] button to enter the SONG mode, then use the data dial or [<] / [>] buttons to select the song you want to play. LCD shows the current song number and name.

Playing Songs

1. Press the [START/STOP] button, it will stop playing. Press the button again, it will play the current song repeatedly.
2. When the songs is stopped, pressing [STYLE] button will exit the song mode.

Song control

REW, FF and PAUSE

When the song is playing.

Press the [►►] button to fast forward the song.

Press the [◀◀] button to rewind the song.

Press the [||] button to pause the playing song, press it again to continue playing.

LOOP

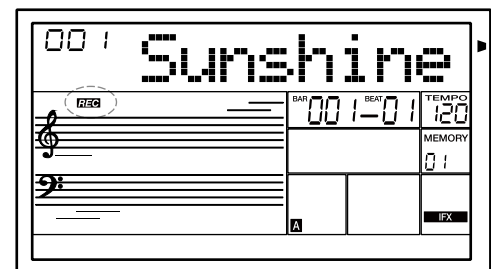
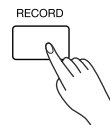
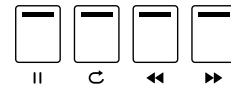
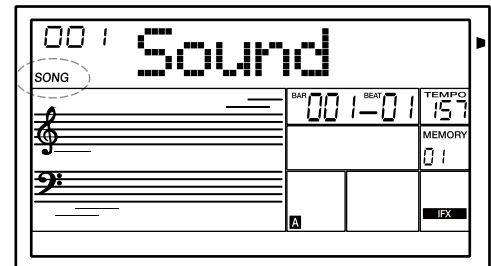
Press the [C] button for a single song loop (LED red).
The default on powering-on is all song loop (LED blue).

MIDI Recording

In MIDI recording, you can save your recording as a user song on the instrument, or export it to a connected USB disk. The saved user songs will not be lost when you turn off the power.

Preparing and starting Recording

1. Press the [RECORD] button to enter the user song menu. The LCD shows the current empty user song number, such as “No File!”. Use the data dial or [<] / [>] buttons to select a location to save your recording. If there is a location of the recording file, “User sng” will be displayed.
2. Press the [RECORD] button again to enter the recording preparation state. The “REC” indicator will glimmer. Now you can select the desired sound, style, tempo etc.
3. Press the [START/STOP] button or simply play the keyboard to start recording. Alternatively, turn on the Chord Mode and SYNC START. Recording will start when you play a chord in the chord section.



Songs and Audio

Stopping Recording

During recording, press the [RECORD] button. It will stop recording and save the recorded song automatically.
If the storage become used up during recording, recording will stop and be saved automatically.



Note:

If the selected user song has data, the previous data will be overwritten by new recording.

Playing back Recording

1. After recording, the recorded song will be automatically selected.
Or press [SONG] button to enter the Song interface, then use data dial or [<] / [>] buttons to select a user song.

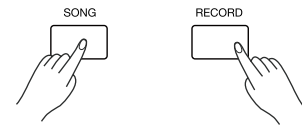


2. Press the [START/STOP] button to start the playback.



Deleting Recording

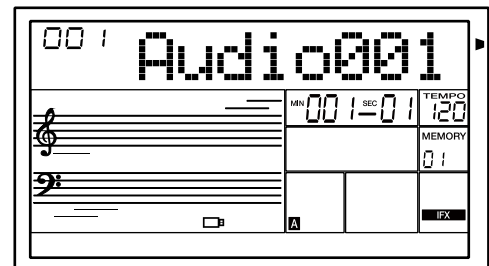
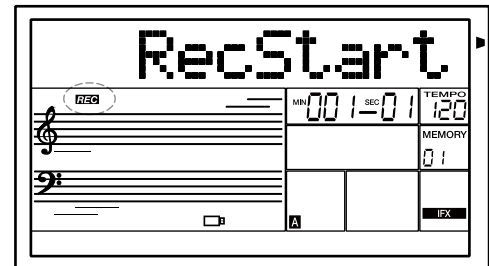
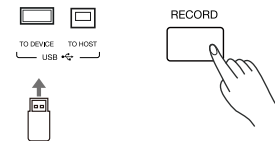
Hold down the [RECORD] and [SONG] buttons at the same time, then turn on the power. This operation will delete all user songs.



Audio Recording

In audio recording, you can save your recording as MP3/WAV files to a USB flash drive.

1. Connect your USB storage device via the USB TO DEVICE jack.
The audio files you recorded will be saved to this device. Please make sure your USB device has sufficient storage.
2. Press the [RECORD] button to start recording. The LCD will temporarily show "RecStart". All the sounds that you hear from the instrument will be recorded, such as accompaniment, keyboard sounds, song playback, demo playback, music from Aux In etc.
3. Press the [RECORD] button to stop recording. The "REC" indicator will turn off. The recorded song will be saved to the USB storage device, and be named as "AudioXXX".
4. Press the [START/STOP] button to play back this recorded song. Alternatively, you can select to play back the recorded song from the USB play menu. See Connecting an USB storage device.

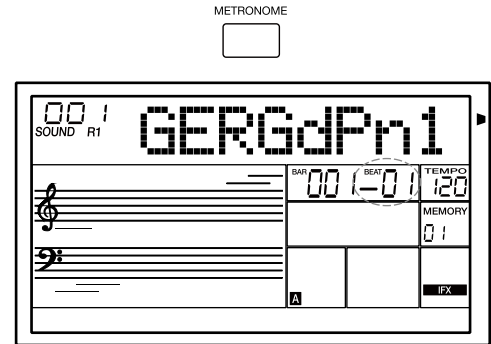


Note:

1. Do not disconnect the USB storage device from the instrument during recording, otherwise the file may be corrupted. Keep the instrument power on during audio recording.
2. You cannot play audio files while recording audio.
3. Audio recording supports up to 90 minutes of recording, and will be automatically saved when the time is up.
4. Audio recording does not support recording DEMO.

Metronome

1. Press the [Metronome] button to turn on the metronome, the beat will sound. The beat indicator on the LCD will start counting.
2. Press the [Metronome] button again to turn off the metronome function.



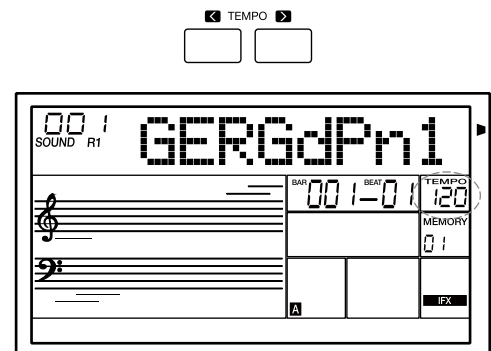
Tempo

Each style of the instrument has been set with a default or standard tempo, which can be changed by using the [TEMPO<] / [TEMPO>] buttons.

1. Changing the tempo
Use the [TEMPO<] / [TEMPO>] button to change the tempo. Or use the Data Dial to make a quick change when the value is flashing on LCD.
2. To restore the default tempo setting, press the [TEMPO<] / [TEMPO>] buttons simultaneously.

You can also use the Tap Tempo feature to change the current tempo, which is an efficient way to get the desired tempo.

1. When the Style or Song is playing, you can press the [TAP] button several times to change the tempo.
2. When the Style or Song stops, press the [TAP] button several times in succession, and the Style or Song will start playing at the tempo you tapped.



Phrase Pads

A Phrase Pad offers a short rhythmic sequence or sequence of phrases. Similar types of sequences are combined to form a Phrase Pad Bank.

Selecting a Phrase Pad Bank

Press the [PHRASE PAD SELECT] button to enter the Phrase Pad selection menu, then use data dial or [<] / [>] buttons to select a phrase pads.

Playing Phrase Pads

Playing One or More Phrase Pads

Press any [PHRASE PAD] button to start playback. Now, the LED lights of the corresponding buttons will light up and the pad will play according to the current system tempo.

During playback, press the same Phrase Pad again and it will play again from the start.

You can play several Phrase Pads at the same time. The new Phrase Pad will start immediately after pressing it.

Stopping Playing Phrase Pads

Press the [PHRASE PAD STOP] button to stop all phrase Pads at the same time. The LED lights will all go out.

If several Phrase Pads are playing at the same time, you can hold [PHRASE PAD STOP] and press one of the Phrase Pads to stop it immediately. The other Phrase Pads will keep playing.

The instrument has two types of sequences: Loop sequences and Single sequences. The loop sequence will loop when playing. Single sequences will stop automatically after playing one time.

Setting Phrase Pads to Standby Status

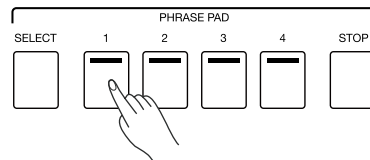
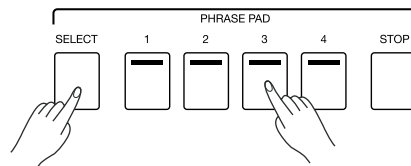
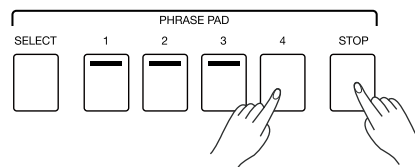
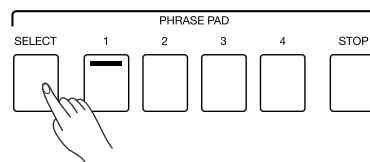
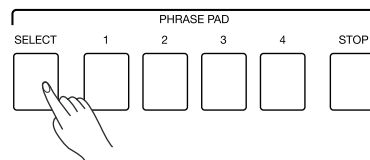
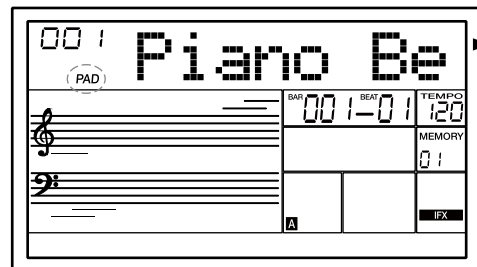
Press [PHRASE PAD SELECT] and hold it. Press one or more Phrase Pads at the same time. The corresponding Phrase Pads can be set to standby state, in which their LEDs keep flashing.

Now, press [PHRASE PAD SELECT] and hold it. Press one of the Phrase Pads that is in standby state, and it will play immediately. Other Phrase Pads will remain in standby state.

If you want to play all of the Phrase Pads that are in standby state at the same time, just press any of them.

When [CHORD ON/OFF] is off, playing the keyboard will trigger all Phrase Pads that are in standby state.

If you need to cancel the standby state, hold [PHRASE PAD STOP] and press the Phrase Pad you want to cancel at the same time.



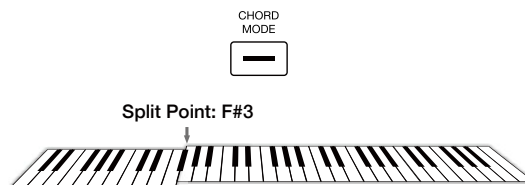
Playing Phrase Pads with Chord Mode

Many Phrase Pads in this instrument respond to chords. When you play different chords, the notes in the phrase sequences will change. Press the [CHORD MODE] button to turn this function on. The left side of the keyboard becomes the chord Range.

Choose a Phrase Pad and play different chords with your left hand in the chord area. Playing a chord while the [CHORD MODE] is on will also immediately play the Phrase Pad at the same time.

Notes:

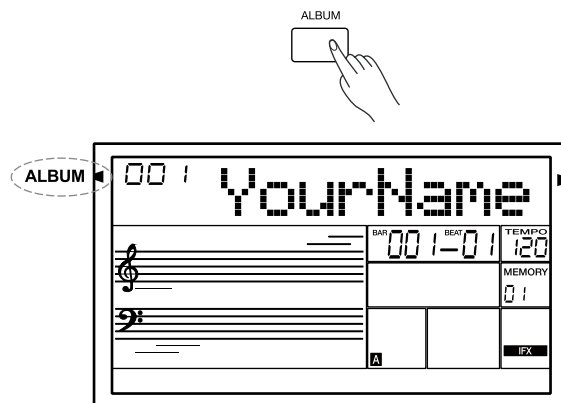
1. Phrase Pads can be accompanied by a Style to give your performance additional flexibility.
2. When the Style is played, press the Phrase Pad to have the Phrase Pad play in sync with the Style. The Phrase Pad does not respond to Cancel and Cancel2 chords.



Album

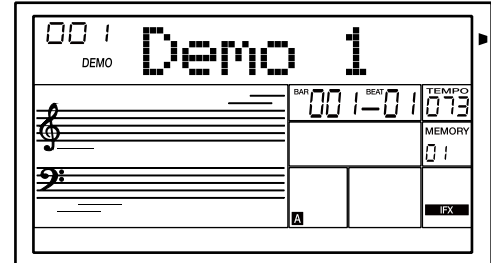
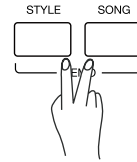
When you find and select a song in the Album, the instrument automatically sets the best setting for this song.

1. Press the [ALBUM] buttons to turn on this function. LCD shows the current album name and number.
2. Use the data dial or [<] / [>] buttons to select a desired album.



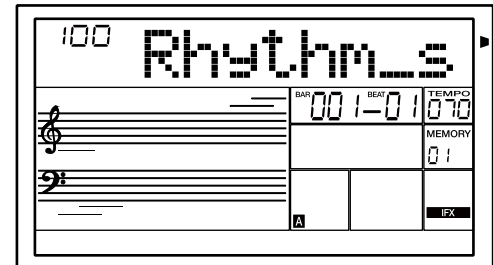
Demo

1. Press [STYLE]+[SONG] buttons to enter Demo mode, then use the data dial, the [<] button or the [>] button to select a demo song.
2. Press [STYLE]+[SONG] buttons simultaneously again or press the [START/STOP] button to stop playing and exit the demo mode.



Mixer

1. Press the [MIXER] button to enter the Mixer menu, LCD shows the parameter item.
2. Use the data dial to select a parameter item, then use the [<] button or the [>] buttons to adjust the volume of the selected item.
3. Press the [<] / [>] buttons simultaneously to restore the default value. Press the [<] / [>] buttons simultaneously again to turn off the volume of the selected item. Press [<] / [>] buttons simultaneously again to turn on the part volume. Press [EXIT] button to quit the Mixer menu.



Note:

It will exit the Mixer Menu if there is no operation in 5 seconds.
Parameter items and the volume range in the Mixer menu:

| LCD Display | Parameter | Range |
|--------------|-----------------------------|---------|
| XXX Rhythm_s | Rhythms VOLUME | 0 - 127 |
| XXX Rhythm_m | Rhythmm VOLUME | 0 - 127 |
| XXX Bass | BASS VOLUME | 0 - 127 |
| XXX Chord1 | Chord 1 VOLUME | 0 - 127 |
| XXX Chord2 | Chord 2 VOLUME | 0 - 127 |
| XXX Chord3 | Chord 3 VOLUME | 0 - 127 |
| XXX Phrase1 | Phrase 1 VOLUME | 0 - 127 |
| XXX Phrase2 | Phrase 2 VOLUME | 0 - 127 |
| XXX Style | Style total VOLUME | 0 - 127 |
| XXX Upper1 | R1 VOLUME | 0 - 127 |
| XXX Upper2 | R2 VOLUME | 0 - 127 |
| XXX Lower | L VOLUME | 0 - 127 |
| XXX WAV/MP3 | USB Device WAV/MP3 VOLUME | 0 - 127 |
| XXX Metro | Metronome VOLUME | 0 - 127 |
| XXX Phra Pad | Phrase Pad VOLUME | 0 - 127 |
| XXX AuxIn&BT | AUX In and Bluetooth VOLUME | 0 - 127 |
| XXX Song | MIDI Song VOLUME | 0 - 127 |

Performance Memory

Using Performance Memory

Memorizing the Panel Settings

Hold down the [STORE] button, then press one of the [M1] - [M6] buttons to save the current panel settings to that memory.

Note:

This operation will overwrite the previous data.

Recalling a Panel Setting

Press one of the [M1] - [M6] buttons. It will recall the settings saved in that memory. This will reset the related parameters on the control panel.

Note:

Performance memory cannot be recalled when Q.S. function is in use.

Selecting a Memory Bank

1. Press the [BANK] button. The LCD shows the current bank number.
2. Press and hold the [BANK] button to quickly switch memory banks.

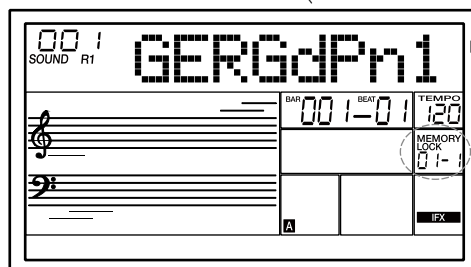
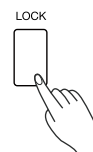
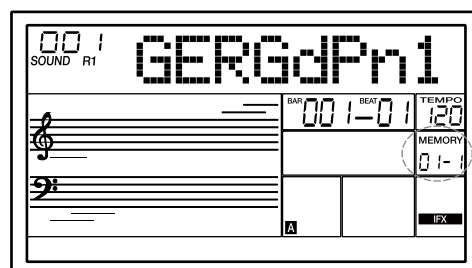
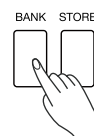
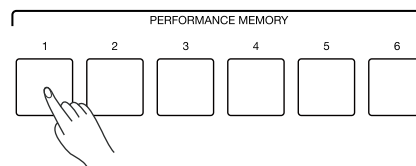
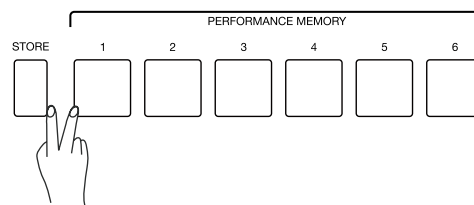
Note:

Hold down both the [STORE] and [M1] buttons, then turn on the power. This operation will reset the performance memory to factory default setting.

Locking Parameters

Depending on your performance, you may want to keep special settings. Use the settings lock to retain the locked items of the current setting when you switch to another memory.

Press the [LOCK] button to turn the lock function on or off.



Effects

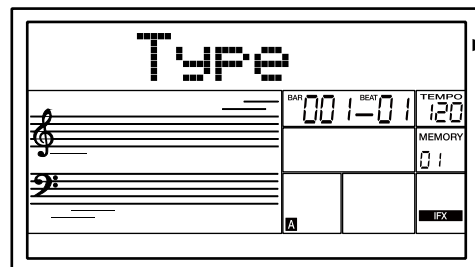
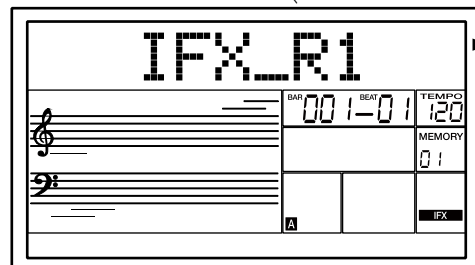
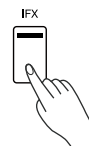
Insert Effects

The instrument has a variety of preset insert effects, including Chorus, Flanger, Phaser, Tremolo, EQ, Distortion, Wah and Compressor that can be applied to each sound part.

1. The insert effect is set on when the keyboard is powered on. Press [IFX] button to turn off the effect function and the IFX indicator light will turn off.
2. Press [FUNCTION] button and go to IFX to enter the IFX effect selection menu. The effect applied to the last-pressed sound part is now controlled. Press [ENTER] button to select Type, Preset, Parameter1 and Parameter2. In the Type and Preset interface, press [ENTER] button to enter, and use the data dial to select the desired type. In the Parameter interface, use [<] / [>] buttons to adjust the parameters. Press [EXIT] button to return to the previous menu.
3. The insert effect settings will be saved automatically when you exit from the IFX mode. The next time you enter the IFX mode, it will use the same effect settings as your last operation. Changing to another sound will change the IFX setting back to default.

Note:

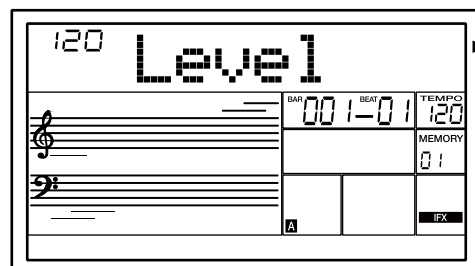
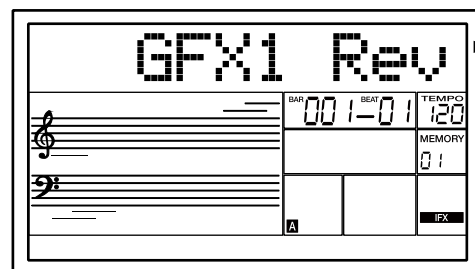
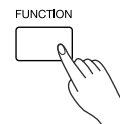
Part of IFX bound with sound is not open, so it cannot be adjusted, this kind of IFX and LCD are displayed in type and preset "Untitled".



Global Effects

This instrument has 2 global effect modules that may be applied simultaneously: GFX1 (reverb) and GFX2 (chorus).

1. Adjusting Global Effects
Press [FUNCTION] button and go to GFX1 or GFX2. Press [ENTER] button to enter the next level.
The first menu item is the total level of each effect applied to the master that can be adjusted from 0 to 127.
2. Selecting Global Effects
At this time, turn the Data Dial and press [ENTER] button to select Type and Preset.
3. Adjusting Global Effect Parameters
After selecting Type and Preset, please return to the previous level, turn the Data Dial, then go to the parameter item, and use [<] / [>] buttons to adjust the parameters.

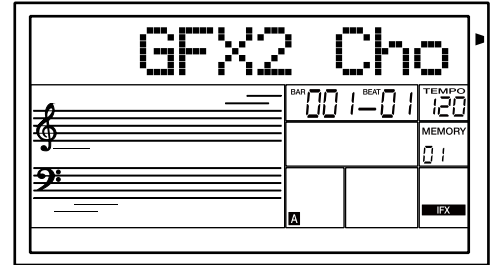


4. Adjusting Global Effect part levels

After 2 detail effect parameters, there is sound part level adjustment. This sets the effect level applied to the last-pressed sound part.

Note:

After all adjustments are completed, you can press [EXIT] button to return to the main interface step by step or press [FUNCTION] button directly to return to the main interface.

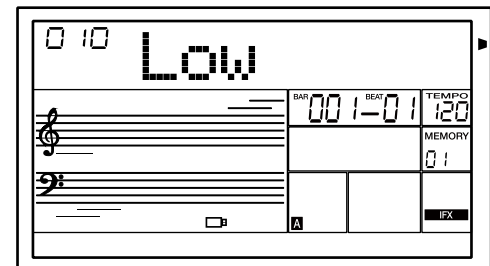
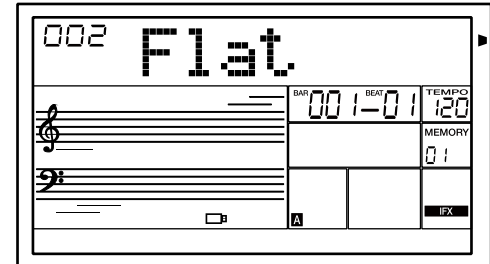
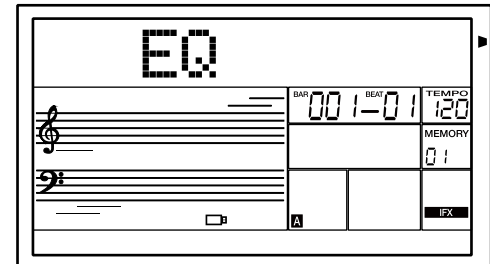


Master EQ

1. Press [FUNCTION] button and go to EQ to enter the EQ setting page, and switch the PRESET and press [ENTER] button to set type and parameters (Low, mid1, ..., High) via the Data Dial and [<] / [>] buttons.

2. Press [EXIT] button to return to the previous menu.

| Type | EQ | | | | |
|--------|--------------|---------|---------|---------|---------|
| Preset | Classical | Flat | Rock | Pop | Dance |
| Parm 1 | Low | Low | Low | Low | Low |
| Parm 2 | Mid 1 | Mid 1 | Mid 1 | Mid 1 | Mid 1 |
| Parm 3 | Mid 2 | Mid 2 | Mid 2 | Mid 2 | Mid 2 |
| Parm 4 | Mid 3 | Mid 3 | Mid 3 | Mid 3 | Mid 3 |
| Parm 5 | Mid 4 | Mid 4 | Mid 4 | Mid 4 | Mid 4 |
| Parm 6 | Mid 5 | Mid 5 | Mid 5 | Mid 5 | Mid 5 |
| Parm 7 | High | High | High | High | High |
| Range | -12~+12 | -12~+12 | -12~+12 | -12~+12 | -12~+12 |
| Note | Value is dB. | | | | |

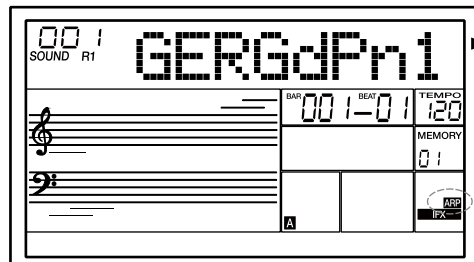
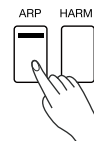


Performance Enhancement

Arpeggio

Press the [ARP] button turn on the arpeggio. The “ARP” indicator lights up on LCD. Repeat this operation to turn off the arpeggio. Arp can be turned on or off at each Sound layer.

As long as one layer of Sound turns on Arp, the LCD display will light up. All sound layers turn off Arp, and LCD display will turn off.



Harmony

The Harmony function will automatically add harmony effect to the notes you play in the right hand area.

Turning on the harmony function.

Press the [HARM] button to turn on the harmony function, “HARM” lights up on display.

Playing with harmony effect.

Turn on the chord function, then play a chord in the left hand area. It will add harmony effect to the sound.

Turning the harmony off.

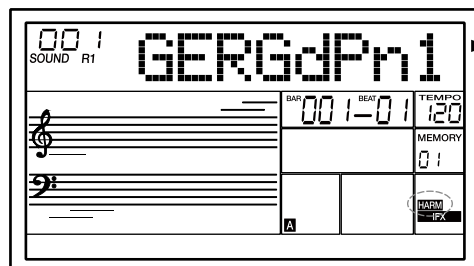
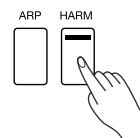
Press the [HARM] button again to turn off the function. The “HARM” lights off.

Setting the harmony type.

You can set the harmony type in Setting.

Note:

1. Only either one of the Arp and Harmony can be opened in the same sound layer.
2. L Sound cannot turn on Harmony function.

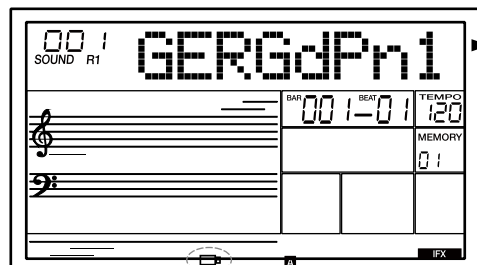
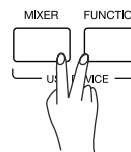


USB Storage Devices

The instrument recognizes USB flash drives, sized from 16M to 256G in the format of FAT16 and FAT32. It does not support USB partition. We recommend you format the USB flash drive on the instrument before using. Do not edit the backup files saved in the USB flash drive.

Common Operation

1. Press [MIXER] + [FUNCTION] buttons simultaneously to enter USB Device mode, press the [EXIT] button to exit the function.
2. If you connect a USB flash drive to the instrument, LCD will show “USB disk sign”. If the initialization succeeds, LCD will show “Play”, otherwise, it will show “DiskErr”. If the USB Flash Drive is not connected, LCD will show “NoDisk!”.
3. In the USB Device mode, you can use [<] / [>] button or Data dial to choose menu, press [ENTER] button to go forward or press [EXIT] button to return to previous menu.



- In USB Device mode, you can press [EXIT] / [STYLE] / [SONG] button or a STYLE select button to exit the mode.
- When playing a file, it is possible to use the Mixer to adjust the playing volume.

Play

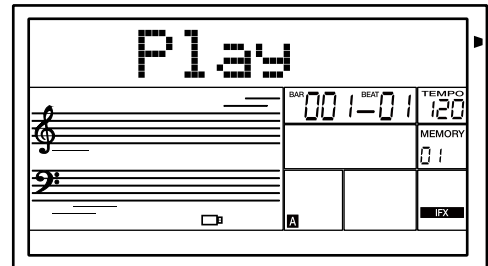
Select the menu “Play” and press [ENTER] button, the Play USB sub-menu is displayed on LCD, which includes “Song” or “Style”. You can select one by using Data Dial.

Playing Song:

- Select “Play” menu and “Song” sub-menu.
- Press [ENTER] button, use [<] / [>] button or Data Dial to select a file. Press [START/ STOP] button to play it. Press [START/STOP] button again to stop playing, press [EXIT] button to return to previous menu.
- If there is no recognizable file in the current directory, LCD will display “No File!”.

Playing Style:

- Select “Play” menu and “Style” sub-menu.
- Press [ENTER] button, use [<] / [>] button or Data Dial to select a file. Operate Style playing in the same way as operating the on-board Styles.
- If there is no recognizable file in the current directory, LCD will display “No File!”.



Save

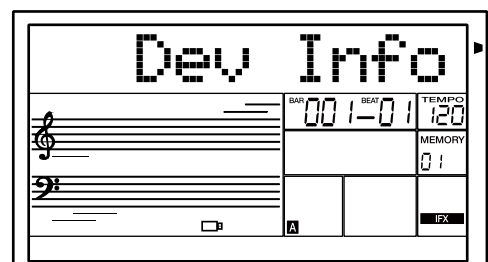
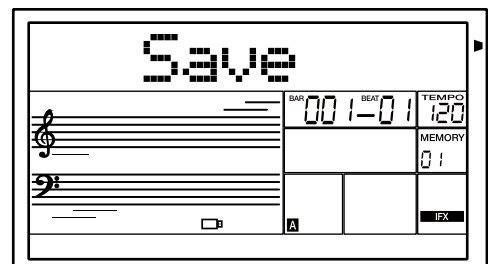
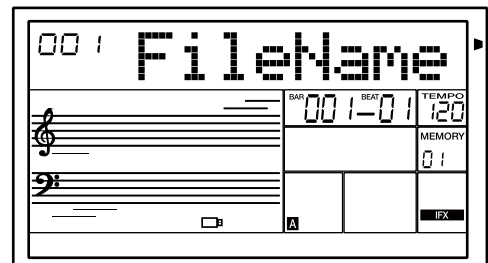
Select the menu “Save” and press [ENTER] button, the Save sub menu is displayed on LCD, which includes “Song” & “Dev Info”. You can select one by using Data Dial.

Saving Song:

- Select the “Song” sub-menu, then press [ENTER] button to save all the user song.
- Press [ENTER] button and the LCD will show “Succeed”.
- After saving successfully, you can enter the Play-Song menu to view the saved user song file “User_songX”.
- If the Song file is empty, it will prompt “No File!”.

Saving instrument information

- Select the “Dev Info” menu, then press [ENTER] button and the LCD will show “Succeed”.
- After that, you can see a file in .mif format in the USB interface of the computer. This file contains your instrument information.
- If the USB disk memory is full, it will prompt “Full!”.



USB Storage Devices

Note:

The mif file downloaded to the USB flash disk can be imported into the grandsuite downloaded on the official website for operation. The grandsuite software has relevant operation instructions.

Load

Select the menu “Load” and press [ENTER] button, the Load sub menu is displayed on LCD, which includes “Song” & “ExpStyle”. Use Data Dial to select one.

Loading Song:

1. Use Data Dial to select a user song number.
2. Press [ENTER] button LCD will display MIDI file in USB flash drive. Now select one of the files and press [ENTER] button to load the file. After the save is successful, the LCD displays “Succeed”. If the saved slot has user songs, it will prompt “Rewrite?”, please press [ENTER] button to continue, or press [EXIT] button directly without saving.
3. Press the [SONG] button to view the saved songs in the last song number.
4. If the Song file is empty, it will prompt “No File!”

Loading Expansion Style:

1. Download the GrandSuite in official website, make an extension file with Grandsuite and save it as an mpk file (there are instructions for relevant operations in grandsuite), or download the expanded style directly from official website, and save it to the U disk.
2. Insert the U disk into the electric piano. Enter the USB flash drive, enter the Load interface and select Style.
3. Press [ENTER] button, if the save is successful, LCD will display “succeed”. If the U disk format is wrong or the style file is wrong, LCD will display “Error!”.
4. Press the [STYLE] button, and you can view the saved expansion package style in the last style serial number. It's time to play.

Note:

The piano only supports loading extended styles, extended arpeggio and sound load are not supported.

Deleting Style:

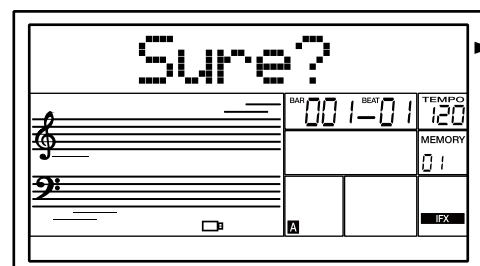
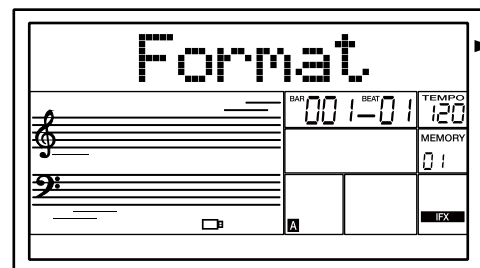
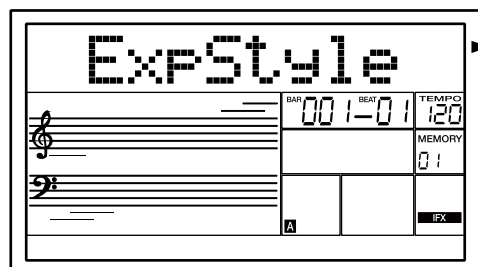
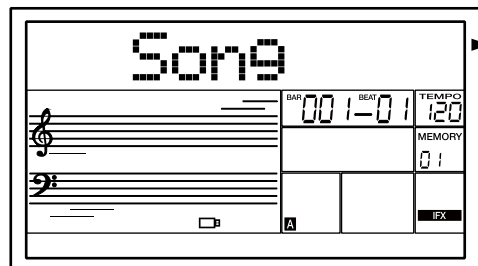
Hold down the [RECORD] and [STYLE] buttons at the same time, then turn on the power. This operation will delete all user songs.

Format

Select the menu “Format” and press [ENTER] button, “Sure?” are displayed on LCD. Press [ENTER] button to format the USB Storage Device, or press [EXIT] button to cancel.

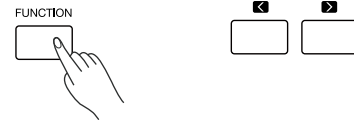
Note:

Formatting will delete all data in the USB flash drive!

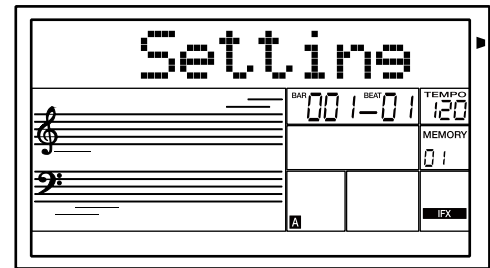


Setting

Press [FUNCTION] button and then select Setting to enter Setting menu. LCD shows the current parameter.
Use the data dial to find the parameter you wish to adjust. Anytime press [EXIT] button to quit this menu.



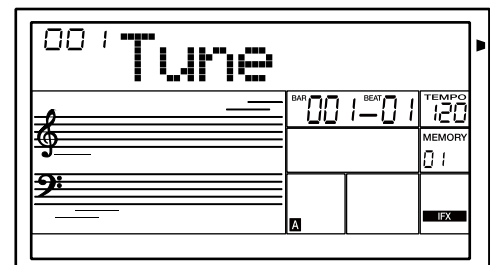
Parameter items and the value range in the Function Menu:



| No. | Parameter | LCD Display | Range | Default |
|-----|--------------------------|-------------|--|----------|
| 1 | Tune | Tune | -50 ~ +50 | 0 |
| 2 | Metronome Time Signature | Metro | 0, 2 ~ 9 | 4 |
| 3 | Fade In/Out Time | Fadetime | 1 ~ 20 | 10 |
| 4 | Split Point | SplitPt | C2 (01) ~ C7 (61) | F#3 (19) |
| 5 | Harmony Type | Harmony | Duet, Trio, Octave, 1+5, Country Duet, Block, 4 Close 1, 4 Close 2, 4 Open ... | Duet |
| 6 | Arpeggio Type | Arp Type | Up, Down, Alt1, Alt2, Asplayed (Order), Random | Up |
| 7 | Arpeggio Hold | Arp Hold | On, Off | Off |
| 8 | Lock | Lock | Sound, Split point, Style, Song, Transpose, Tempo, Global Effects, Pedals setting, Phrase pad, Mixer | Style |
| 9 | Sustain Pedal | Sust Ped | Sustain (All sound parts) Soft (All sound parts) Start/stop: Style start/stop | Sustain |
| 10 | Expression Pedal | Expr Ped | Volume Modulation Cutoff Resonance Filter | Volume |
| 11 | Joystick Down | JS Down | Off, Filter, Volume, Release | Off |
| 12 | Recorder Mode | Rec Mode | SMF, WAV, MP3 | SMF |
| 13 | MIDI Out Channel | MIDI Out | 1 ~ 16 | 1 |
| 14 | Auto Power Off | Poweroff | Never, 30 min, 60 min | 30 min |

Tune

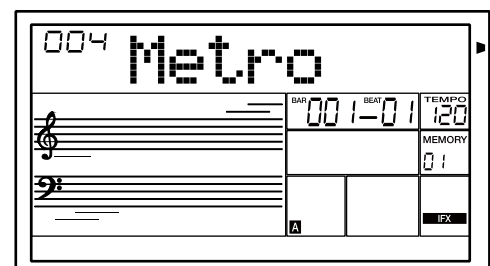
1. Select the Tune menu. Use [<] / [>] buttons to change tune value. Its range is from -50 to 50.
2. Press [<] / [>] buttons together will set the tune value to its default setting.



Metronome Time Signature

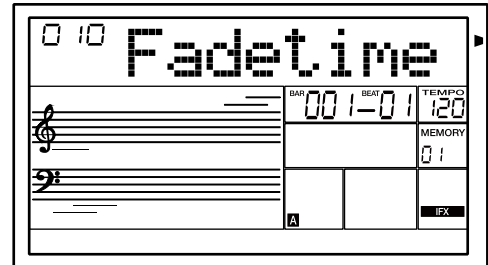
This function sets the time signature over the range from 0, 2-9.

1. Select the Beat menu. Use [<] / [>] buttons to change the time signature.
2. Press [<] / [>] buttons together will reset to the default time signature.



Fade In/Out Time

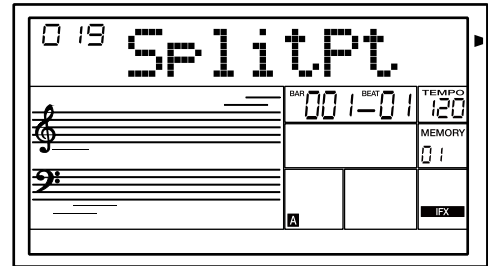
Select the Fadetime menu. Use [<] / [>] buttons to change Fade In time. The range is from 1 to 20 second.



Split Point

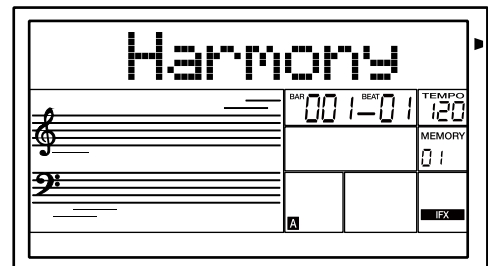
This function sets the point that separates the entire keyboard to two sections.

1. Select the Split Point menu. Use [<] / [>] buttons to change Split Point. You can also press a key to assign the Split Point to that key.
2. Press [<] / [>] buttons together will reset to the default Split Point.



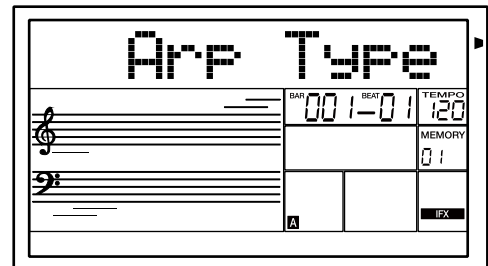
Harmony Type

1. Select the Harmony menu, then press the [ENTER] button.
2. Use the [<] / [>] buttons or Data Dial to select a harmony type. There are 25 harmony effects for you to select.



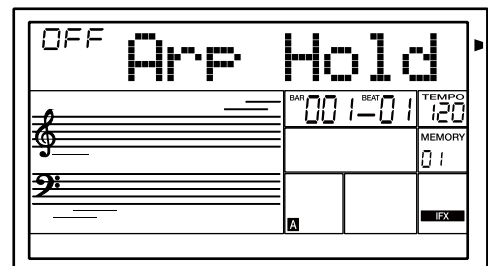
Arpeggio Type

1. Select the Arp Type menu, then press the [ENTER] button and use the [<] / [>] buttons or Data Dial to select a Arp Type.
2. This instrument contains six commonly used types of Arpeggios. When turned on, the system will convert the notes you play into an arpeggio sequence in real time according to the rules of Up, Down, Up and Down, As Played, and Random.



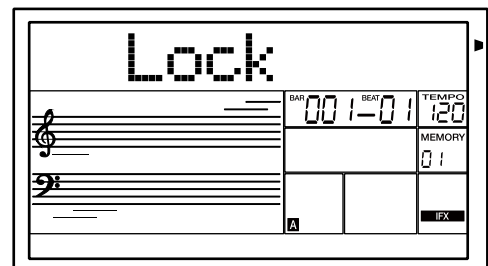
Arpeggio Hold

1. Select the Arp Hold menu, then use the [<] / [>] buttons to select Arp Hold on or off.
2. When Arpeggio Hold is turned on, the arpeggio played when keys are pressed will continue playing when the keys are released. When it is off, the arpeggios will stop playing when the keys are released.



Lock

1. Select the Lock menu, then press the [ENTER] button and use the [<] / [>] buttons or Data Dial to select a Lock type.
2. With Performance Memory, use Lock to retain the locked items of the current setting when you switch to another Memory, so that they are preserved across different Memory slots.



Sustain Pedal

Select the Sust Ped menu, then press the [ENTER] button and use the [<] / [>] buttons or Data Dial to select a Pedal type.

You can assign other functions to the sustain pedal. Please refer to Setting.

1. Sustain

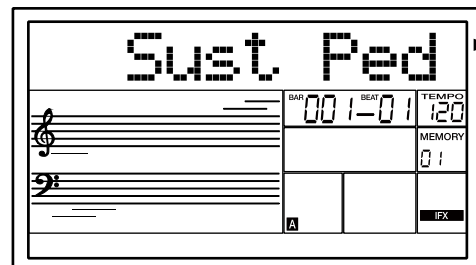
If the pedal is assigned as “Ped Sust”, step on the sustain pedal, all notes played on the keyboard have a longer sustain.

2. Soft

If the pedal is assigned as “Ped Soft”, step on the soft pedal, all notes played on the keyboard have a softer effect.

3. Start / Stop

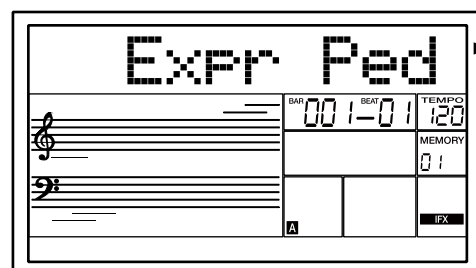
If the pedal is assigned as “Ped St/T step on the pedal to start/stop accompaniment.



Expression Pedal

1. Select the Expr Ped menu, then press the [ENTER] button and use the [<] / [>] buttons or Data Dial to select a Expression Pedal type.

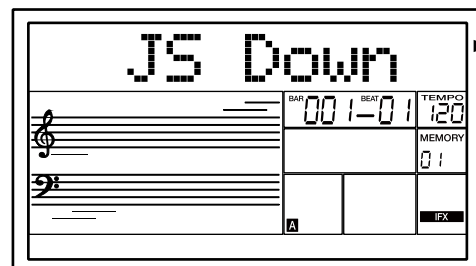
2. The expression pedal can be assigned in Setting to control volume, modulation, cutoff, resonance or lo-pass filter.



Joystick Down

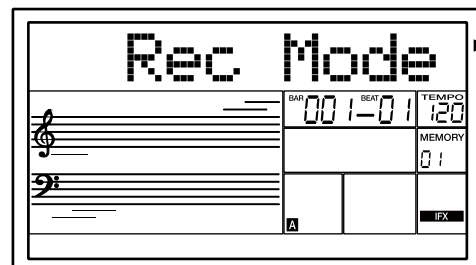
1. Select the JS Down menu, then press the [ENTER] button and use the [<] / [>] buttons or Data Dial to select a Joystick Down type.

2. The following parameters are available: Sound Filter, Volume or Envelope Release. The default is off.



Recorder Mode

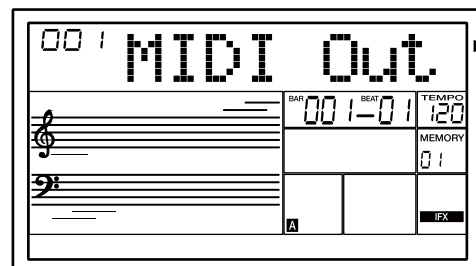
Select the Rec Mode menu, then press the [ENTER] button and use the [<] / [>] buttons or Data Dial to select a Recorder Mode type. Type: MIDI, WAV, MP3. (MP3/WAV format can only be selected when the U disk is inserted)



MIDI Out Channels

Select the MIDI Out menu, then use the [<] / [>] buttons to select MIDI Out Channel.

The default setting is “001”, channel 1~16 can be selected.

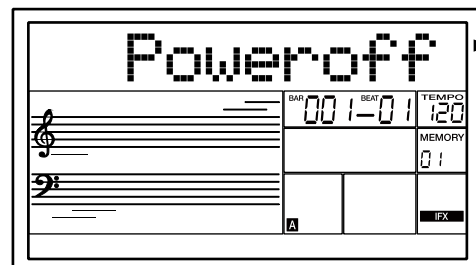


Auto Power Off

This function will set the time after which the instrument will shut down if it is not used.

Select the Poweroff menu, then press the [ENTER] button and use the [<] / [>] buttons or Data Dial to select Auto Power Off time.

Range: Never, 30min, 60min. Default: 30min.

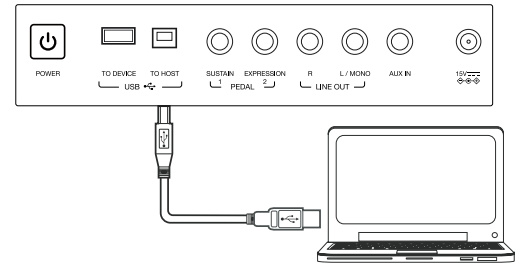


MIDI

By using the MIDI functions you can expand your musical possibilities.

What's MIDI?

1. MIDI (short for Musical Instrument Digital Interface) allows a wide variety of electronic musical instruments, computers and other related devices to connect and communicate with one another. MIDI carries event messages that specify notation, pitch and velocity, control signals for parameters such as volume, vibrato, audio panning, and program change information to change the voice selections.
2. The instrument can output the real-time playback information via MIDI messages and control external MIDI devices. The instrument can also accept incoming MIDI messages and generate sound accordingly.



Troubleshooting

| Problem | Possible Cause and Solution |
|---|--|
| The speakers produce a pop sound whenever the power is turned ON or OFF. | This is normal and is no cause for alarm. |
| No sound when the keyboard is played. | Check if the master volume is set too low or if headphones are plugged into the PHONES Jack. The R1/R2/L sound volume (Mixer) settings could be set too low. Make sure the sound volume are set at appropriate levels. |
| When using a mobile phone, noise is produced. | Using a mobile phone in close proximity to the instrument may produce interference. To prevent this, turn off the mobile phone or use it further away from the instrument. |
| The auto accompaniment does not play back even Sync is in standby condition and a key is pressed. | You may be trying to start accompaniment by playing a key in the righthand range of the keyboard. To start the accompaniment with Sync Start, make sure to play a key in the left-hand range of the keyboard. |
| Certain notes sound at wrong pitch. | Make sure that the tuning value is set to 0 . Press and hold the [<] / [>] buttons at the same time, then turning the power on will set INSTRUMENT to default. |
| The Harmony function does not operate. | And Harmony cannot be turned on when a drum kit is selected for the sound R1 and R2. |
| After connecting with a computer, the instrument cannot be recognized. | Please check if the USB cable is being connected firmly, or try connecting another USB port on the computer, without the need to install another driver on the PC. |
| It cannot read/save to the USB flash drive. | It support USB flash drive in the FAT16/FAT32 format only and does not support USB partition. Please format your USB flash drive into FAT16/FAT32 on computer before using. |
| It shuts down after a period of time. | Normally, the auto power off function will turn off the instrument after a preset period of time if the instrument is not used. You can turn off the function in the Function Menu. |

Specifications

| | |
|--------------------|--|
| Keyboard | 61 Keys (Touch-sensitive) |
| Touch Response | 5 Levels (Soft1, 2 / Normal / Hard1, 2) |
| Display | Backlit LCD 4.5" x 2.4" |
| Language | English |
| Polyphony | 256 |
| Sound | 750 Preset 50 User Synth mode to edit on-board PCM data |
| Keyboard Part | L, R1, R2 |
| Effect | 32 x Reverb types 64 x Chorus types 24 x Insert Effect types 5 x Preset EQ types and 7 band controls D.A.S. (Loudness-compensated Volume, fixed) |
| Part Effect | 13 x Harmony types 4 x Echo types 4 x Tremolo types 4 x Trill types 6 x Arpeggio types |
| Chord | 39 Chord types 4 x Chord Detection modes (Fingered, Multi Fingered, Bass Invert, Smart Full Range) Chord Reference |
| Style | 280 Preset 50 User |
| Style Control | Start / Stop Sync Start / Sync Stop Intro 1 / Ending 1 Intro 2 / Ending 2 Intro 3 / Ending 3 Main A / Fill in A Main B / Fill in B Main C / Fill in C Main D / Fill in D Break Auto Fill in Chord Mode Fade in / out |
| Quick Setting | 4 for each Style |
| Song | 90 Preset |
| Song Control | Song Select Start/Stop Pause Loop Playback (Single song / All songs) FF RW |
| Song Recording | 5 User 16 Tracks Maximum 20,000 MIDI notes per song |
| Album | 50 Preset |
| Audio Recording | WAV (44.1KHz / 16bit) MP3 (320 kbps) |
| Audio Playback | WAV MP3 |
| Demo Song | 3 |
| Phrase Pad | 4 x 100 Banks |
| Tempo | 5 ~ 320 BPM |
| Scale Setting | Transpose (-12 ~ +12) Octave (-2 ~ +2) Tuning (-50 ~ +50 cents) |
| Performance Memory | 6 x 32 Banks Parameter Lock function |

Specifications

| | |
|--------------------|---|
| Controller | 1 x Sustain Pedal (Assignable) 1 x Expression Pedal (Assignable) 1 x Joystick (Pitchbend, Modulation and an assignable parameter) |
| Mixer | 17 Parts |
| Other Controller | Volume knob, Data dial with Enter button, < / > buttons, Exit button, Tempo < / >, Metronome, Tap Tempo buttons, Mixer, Function, USB access, Demo buttons, Transpose < / >, Octave < / > buttons, IFX, Arpeggio, Harmony buttons, Touch sens, Sustain button, Sound and Style direction selection buttons, Sound part on / off buttons, Q.S. 1 ~ 4 buttons |
| USB Storage Device | Playback: Song (MID / WAV / MP3), Style Saving: Song, Device Information Loading: Song (MID), Expansion Style Maximum 256GB storage device handling |
| Connectivity | 1 x 1/4" Stereo Headphones Output 1 x 1/4" Stereo AUX Input 2 x 1/4" Line Output (L/Mono, R) 1 x 1/4" Sustain Pedal Input (Assignable) 1 x 1/4" Expression Pedal Input (Assignable) 1 x USB-B (MIDI & Audio) 1 x USB-A (Device) |
| Other Setting | Tuning, Metronome Time Signature, Fade In/Out Time, Split Point, Harmony Type, Arpeggio Type, Arpeggio Hold on/off, Lock (Parameters), Sustain Pedal Assignment, Expression Pedal Assignment, Joystick Assignment (Down), Recorder Mode, MIDI Out channel, Auto Power Off, Factory Reset |
| Expansion Data | PC software kit which can edit user data |
| Software & App | GrandSuite |
| Power | DC15V |
| Amplifier | Woofer: 2 x 25W Tweeter: 2 x 15W |
| Speakers | 2 x 12 cm 2 x 3 cm |
| Dimensions | 971 (W) x 390 (D) x 130 (H) mm |
| Weight | 9.9 Kg |

* Specifications and descriptions here in are for information only and are subject to change without prior notice.

Sound List

| NO. | Bank MSB | Bank LSB | Program | Full Name | Short Name |
|----------------|----------|----------|---------|----------------------------|------------|
| Piano | | | | | |
| 1 | 121 | 10 | 0 | German Grand Piano 1 | GERGdPn1 |
| 2 | 121 | 11 | 0 | German Grand Piano 2 | GERGdPn2 |
| 3 | 121 | 11 | 1 | Real Bright Piano | RelBrPno |
| 4 | 121 | 12 | 0 | Mellow Grand Piano | MelGdPno |
| 5 | 121 | 12 | 1 | Rock Piano | RkPiano |
| 6 | 121 | 11 | 3 | Real Honky Tonk | RealHonk |
| 7 | 121 | 15 | 0 | Octave Grand Piano 1 | OtPiano1 |
| 8 | 121 | 16 | 0 | Octave Grand Piano 2 | OtPiano2 |
| 9 | 121 | 16 | 1 | Piano & EP 1 | Pno&EP1 |
| 10 | 121 | 10 | 1 | Bright Grand Piano | BrGdPno |
| 11 | 121 | 14 | 0 | Warm Grand Piano | WrmGdPno |
| 12 | 121 | 14 | 1 | Octave Bright Piano | OtBrPno |
| 13 | 121 | 13 | 0 | Live Grand Piano | LiveGdPn |
| 14 | 121 | 10 | 3 | Live Honky Tonk | LiveHonk |
| 15 | 121 | 10 | 6 | Real Harpsichord | RIHarpsi |
| 16 | 121 | 11 | 6 | Octave Harpsichord | OtHarpsi |
| 17 | 121 | 0 | 6 | Live Harpsichord | LvHarpsi |
| 18 | 121 | 10 | 2 | CP Electric Piano 1 | CPE.Pno1 |
| 19 | 121 | 0 | 2 | CP Electric Piano 2 | CPE.Pno2 |
| 20 | 121 | 13 | 1 | Pop Piano | PopPiano |
| 21 | 121 | 17 | 0 | Piano & Strings | Pno&Str |
| 22 | 121 | 18 | 0 | Piano & Pad | Piano&Pd |
| 23 | 121 | 19 | 0 | Piano & Choir | Pno&Chor |
| 24 | 121 | 17 | 1 | Piano & EP 2 | Pno&EP2 |
| 25 | 121 | 12 | 2 | Ballad Electric Piano | BldE.Pno |
| 26 | 121 | 12 | 6 | Dark Harpsichord | DkHarpsi |
| E.Piano | | | | | |
| 27 | 121 | 10 | 4 | Vintage Electric Piano 1 | VtE.Pno1 |
| 28 | 121 | 11 | 5 | Dream Electric Piano 1 | DreamEP1 |
| 29 | 121 | 10 | 5 | Classic Electric Piano | ClassEP |
| 30 | 121 | 0 | 5 | Japanese Electric Piano | JapanEP |
| 31 | 121 | 3 | 4 | 60's Electric Piano | 60'sEP |
| 32 | 121 | 12 | 5 | Modern Electric Piano | ModenEP |
| 33 | 121 | 11 | 4 | Jazz Electric Piano 1 | JzE.Pno1 |
| 34 | 121 | 13 | 5 | Cool Electric Piano 1 | CoolEP1 |
| 35 | 121 | 12 | 4 | Cool Electric Piano 2 | CoolEP2 |
| 36 | 121 | 13 | 4 | Phase Electric Piano | PhaseEP |
| 37 | 121 | 14 | 4 | Vintage Electric Piano 2 | VtE.Pno2 |
| 38 | 121 | 16 | 4 | Jazz Electric Piano 2 | JzE.Pno2 |
| 39 | 121 | 18 | 4 | Tremolo EP 1 | TremoEP1 |
| 40 | 121 | 20 | 4 | Standard Electric Piano | StandEP |
| 41 | 121 | 3 | 5 | Dream Electric Piano 2 | DreamEP2 |
| 42 | 121 | 22 | 4 | Tremolo EP 2 | TremoEP2 |
| 43 | 121 | 2 | 5 | Super Electric Piano | SprE.Pno |
| 44 | 121 | 10 | 7 | Stereo Clavi | SteClavi |
| 45 | 121 | 0 | 7 | Classic Clavi | ClisClavi |
| 46 | 121 | 1 | 7 | Wah Clavi | WaClavi |
| 47 | 121 | 30 | 4 | Massiveness Electric Piano | MassinEP |
| 48 | 121 | 32 | 4 | Bright Electric Piano | BrE.Pno |
| 49 | 121 | 34 | 4 | Wire Electric Piano | WirE.Pno |
| 50 | 121 | 35 | 4 | Aah Electric Piano | AahE.Pno |
| 51 | 121 | 35 | 5 | Pop Electric Piano | PopE.Pno |
| 52 | 121 | 30 | 7 | Rock Electronic Clavi | RkEClavi |
| 53 | 121 | 34 | 7 | Bright Electronic Clavi | BrEClavi |

Sound List

| | | | | | |
|-----------|-----|----|----|--------------------------|----------|
| 54 | 121 | 35 | 7 | Warm Electronic Clavi | WmEClavi |
| 55 | 121 | 37 | 7 | Dark Electronic Clavi | DkEClavi |
| Organ | | | | | |
| 56 | 121 | 0 | 16 | Stereo Drawbar Organ | SteDraOr |
| 57 | 121 | 0 | 17 | Classic Percussive Organ | ClsPerOr |
| 58 | 121 | 13 | 18 | Stereo Rock Organ | SteRokOr |
| 59 | 121 | 0 | 19 | Real Church Organ | RelChuOr |
| 60 | 121 | 11 | 18 | Power Rotary Organ | PowRotOr |
| 61 | 121 | 2 | 17 | Stereo Percussive Organ | StePerOr |
| 62 | 121 | 1 | 19 | Octave Church Organ | OctChuOr |
| 63 | 121 | 2 | 19 | Cool Church Organ | ColChuOr |
| 64 | 121 | 1 | 17 | Cool Percussive Organ | ColPerOr |
| 65 | 121 | 0 | 18 | Live Rock Organ | LivRokOr |
| 66 | 121 | 12 | 18 | Rotary Organ | RotaOrg |
| 67 | 121 | 11 | 17 | Pop Organ | PopOrgan |
| 68 | 121 | 10 | 17 | Jazz Organ 1 | JzOrgan1 |
| 69 | 121 | 10 | 18 | Cool Rock Organ | ColRkOr |
| 70 | 121 | 11 | 16 | Electronic Organ | E.Organ |
| 71 | 121 | 1 | 16 | Live Drawbar Organ | LivDraOr |
| 72 | 121 | 2 | 16 | Jazz Organ 2 | JzOrgan2 |
| 73 | 121 | 12 | 17 | Live Percussive Organ | LivPerOr |
| 74 | 121 | 14 | 16 | 60's Organ | 60'sOrg |
| 75 | 121 | 3 | 16 | Cool Drawbar Organ | ColDraOr |
| 76 | 121 | 13 | 19 | Live Church Organ | LivChuOr |
| 77 | 121 | 15 | 16 | Mellow Organ | MellOrg |
| 78 | 121 | 0 | 20 | Real Reed Organ | RelRdOrg |
| 79 | 121 | 1 | 20 | Cool Puff Organ | ColPfOrg |
| 80 | 121 | 30 | 16 | Dark Drawbar Organ | DkDraOrg |
| 81 | 121 | 33 | 16 | Bright 60's Organ | Br60'sOr |
| 82 | 121 | 34 | 16 | Detuned Classic Organ | DeClsOrg |
| 83 | 121 | 37 | 16 | Bright Rotary Organ | BrtRoOrg |
| 84 | 121 | 30 | 17 | Bright Percussive Organ | BrPerOrg |
| 85 | 121 | 31 | 17 | Jazz Percussive Organ | JzPerOrg |
| 86 | 121 | 32 | 17 | Rock Percussive Organ | RkPerOrg |
| 87 | 121 | 33 | 17 | Octave Percussive Organ | OPerOrg |
| 88 | 121 | 31 | 18 | Dark Rock Organ | DkRokOrg |
| 89 | 121 | 32 | 18 | Mellow Rock Organ | MelRkOrg |
| 90 | 121 | 36 | 18 | Wah Rock Organ | WahRkOrg |
| 91 | 121 | 32 | 19 | Mellow Church Organ | MelChuOr |
| 92 | 121 | 34 | 19 | Vintage Rock Organ | VintRkOr |
| 93 | 121 | 35 | 19 | Vintage Pop Organ | VitPopOr |
| 94 | 121 | 37 | 19 | Vintage Percussive Organ | VitPerOr |
| 95 | 121 | 36 | 20 | Jazz Puff Organ | JzPufOrg |
| Accordion | | | | | |
| 96 | 121 | 10 | 21 | Musette | Musette |
| 97 | 121 | 11 | 21 | Real Accordion | RelAcord |
| 98 | 121 | 10 | 22 | Sweet Harmonica | SwtHarm |
| 99 | 121 | 11 | 22 | Soft Harmonica | SoftHarm |
| 100 | 121 | 0 | 23 | Real Tango Accordion | RITanAcd |
| 101 | 121 | 11 | 23 | Ballroom Accordion | BalmAcd |
| 102 | 121 | 0 | 21 | Cool Accordion | CoolAcd |
| 103 | 121 | 10 | 23 | Solo Accordion 1 | SoloAcd1 |
| 104 | 121 | 30 | 21 | Dark Musette | DkMuset |
| 105 | 121 | 31 | 21 | Bright Musette | BrtMuset |
| 106 | 121 | 31 | 22 | Bright Harmonica | BritHarm |
| 107 | 121 | 33 | 22 | Wide Harmonica | WideHarm |

| | | | | | |
|--------|-----|----|----|-----------------------------|-----------|
| 108 | 121 | 13 | 23 | Solo Accordion 2 | SoloAcid2 |
| 109 | 121 | 31 | 23 | Bright Accordion | BritAcid |
| Guitar | | | | | |
| 110 | 121 | 10 | 24 | Real Nylon Guitar | RealNyGt |
| 111 | 121 | 10 | 25 | Real Steel Guitar | RelStlGt |
| 112 | 121 | 11 | 29 | Rock Guitar | RockGtr |
| 113 | 121 | 11 | 27 | Cool Funk Guitar | ColFukGt |
| 114 | 121 | 10 | 27 | Real Clean Guitar | RelClnGt |
| 115 | 121 | 11 | 25 | Slide Steel Guitar | SldStlGt |
| 116 | 121 | 12 | 27 | Slide Clean Guitar | SldClnGt |
| 117 | 121 | 2 | 25 | Sweet Mandolin | SwMandln |
| 118 | 121 | 17 | 27 | Cool Lead Guitar | CoolLdGt |
| 119 | 121 | 10 | 26 | Real Jazz Guitar | RealJzGt |
| 120 | 121 | 13 | 27 | 60's Clean Guitar | 60'sClnG |
| 121 | 121 | 12 | 25 | Harmonics Steel Guitar | HarStlGt |
| 122 | 121 | 11 | 24 | Harmonics Nylon Guitar | HarNyGt |
| 123 | 121 | 13 | 25 | 12-Strings Guitar | 12-StrG |
| 124 | 121 | 10 | 29 | Blues Guitar | BluesGtr |
| 125 | 121 | 0 | 27 | Solo Clean Guitar | SolClnGt |
| 126 | 121 | 11 | 30 | Guitar Feedback | GtFdbk |
| 127 | 121 | 12 | 30 | 5th Distortion Guitar | 5thDstGt |
| 128 | 121 | 14 | 25 | Velocity Steel Guitar | VelStlGt |
| 129 | 121 | 14 | 27 | Delay Guitar | DelayGtr |
| 130 | 121 | 15 | 27 | Vintage Guitar | VintGtr |
| 131 | 121 | 11 | 26 | Solo Jazz Guitar | SolJzGtr |
| 132 | 121 | 13 | 30 | Rhythm Guitar | RythGtr |
| 133 | 121 | 14 | 26 | Jazz Lead Guitar 1 | JazLdGt1 |
| 134 | 121 | 0 | 26 | Jazz Lead Guitar 2 | JazLdGt2 |
| 135 | 121 | 10 | 28 | Solo Muted Guitar | SoloMtGt |
| 136 | 121 | 1 | 26 | Pedal Guitar | PedalGtr |
| 137 | 121 | 14 | 30 | Distortion Lead Guitar 1 | DstLdGt1 |
| 138 | 121 | 13 | 26 | Octave Guitar | OctaveGt |
| 139 | 121 | 24 | 27 | Tremolo Guitar | TremGtr |
| 140 | 121 | 15 | 30 | Metal Guitar | MetalGtr |
| 141 | 121 | 20 | 27 | Clean Rhythm Guitar | ClnRthGt |
| 142 | 121 | 15 | 26 | Jazz Guitar & EP | JazGt&EP |
| 143 | 121 | 0 | 30 | Distortion Lead Guitar 2 | DstLdGt2 |
| 144 | 121 | 26 | 27 | 12-Strings Electric Guitar | 12-StrGt |
| 145 | 121 | 0 | 28 | Muted Rhythm Guitar | MtRythGt |
| 146 | 121 | 27 | 27 | Funk Guitar | FunkGtr |
| 147 | 121 | 0 | 29 | Overdrive Lead Guitar | OvdrLdGt |
| 148 | 121 | 30 | 25 | Chorus Steel Guitar | ChoStlGt |
| 149 | 121 | 33 | 25 | Nylon Guitar & Steel Guitar | NyG&StlG |
| 150 | 121 | 34 | 25 | Jazz Guitar & Steel Guitar | JzG&StlG |
| 151 | 121 | 31 | 26 | Bright Jazz Guitar | BrtJazGt |
| 152 | 121 | 32 | 26 | Overdrive Jazz Guitar | OvdJazGt |
| 153 | 121 | 34 | 26 | Overdrive Octave Guitar | OvdOctGt |
| 154 | 121 | 36 | 26 | Jazz Octave Guitar | JazOctGt |
| 155 | 121 | 31 | 27 | Vintage Funk Guitar | VitFukGt |
| 156 | 121 | 32 | 27 | Overdrive Funk Guitar | OvdFukGt |
| 157 | 121 | 34 | 27 | Clean Vintage Guitar | ClnVitGt |
| 158 | 121 | 35 | 27 | Dark Vintage Guitar | DkVintGt |
| 159 | 121 | 36 | 27 | Bright Vintage Guitar | BrtVitGt |
| 160 | 121 | 30 | 28 | Dark Muted Guitar | DarkMtGt |
| 161 | 121 | 32 | 28 | Overdrive Muted Guitar | OvdrMtGt |
| 162 | 121 | 37 | 28 | Funk Muted Guitar | FunkMtGt |

Sound List

| | | | | | |
|------|-----|----|----|----------------------------|----------|
| 163 | 121 | 30 | 29 | Dark Overdrive Guitar | DkOvdrGt |
| 164 | 121 | 31 | 29 | Bright Overdrive Guitar | BrOvdrGt |
| 165 | 121 | 32 | 29 | Soft Overdrive Guitar | SoOvdrGt |
| 166 | 121 | 31 | 30 | Dark Distortion Guitar | DkDstGtr |
| 167 | 121 | 33 | 30 | Velocity Lead Guitar | VelLdGtr |
| 168 | 121 | 35 | 30 | Bright Lead Guitar | BrtLdGtr |
| 169 | 121 | 36 | 30 | Modern Distortion Guitar | MdnDtGtr |
| Bass | | | | | |
| 170 | 121 | 12 | 33 | Real Finger Bass | RelFgrBs |
| 171 | 121 | 11 | 32 | Real Acoustic Bass | RelAcBs |
| 172 | 121 | 11 | 34 | Real Pick Bass | RelPikBs |
| 173 | 121 | 11 | 35 | Real Fretless Bass | RIFretBs |
| 174 | 121 | 11 | 36 | Power Slap Bass | PowSlpBs |
| 175 | 121 | 10 | 39 | Attack Pulse | AtckPls |
| 176 | 121 | 10 | 38 | House Bass | HousBass |
| 177 | 121 | 10 | 37 | Funk Slap Bass | FukSlpBs |
| 178 | 121 | 11 | 39 | Resonant Bass 1 | RsnBass1 |
| 179 | 121 | 13 | 39 | Resonant Bass 2 | RsnBass2 |
| 180 | 121 | 14 | 39 | Resonant Synth Bass | RsnSyBs |
| 181 | 121 | 10 | 34 | Rock Bass 1 | RockBas1 |
| 182 | 121 | 0 | 34 | Rock Bass 2 | RockBas2 |
| 183 | 121 | 11 | 33 | Finger Slap Bass | FgSlpBs |
| 184 | 121 | 10 | 32 | Acoustic Bass & Cymbal | AcBs&Cym |
| 185 | 121 | 15 | 39 | Analog Bass | AnaBass |
| 186 | 121 | 10 | 36 | Resonant Slap Bass | RsnSlpBs |
| 187 | 121 | 16 | 39 | Warm Synth Bass | WmSynBs |
| 188 | 121 | 17 | 39 | Hammer | Hammer |
| 189 | 121 | 3 | 39 | Rubber Synth Bass | RubSynBs |
| 190 | 121 | 10 | 33 | Pop Bass | PopBass |
| 191 | 121 | 31 | 33 | Overdriven Finger Bass | OvdrFgBs |
| 192 | 121 | 37 | 33 | Dark Slap Bass | DkSlpBs |
| 193 | 121 | 30 | 34 | Bright Pick Bass | BrPikBas |
| 194 | 121 | 31 | 34 | Dark Pick Bass | DkPikBs |
| 195 | 121 | 32 | 34 | Overdrive Pick Bass | OvdrPkBs |
| 196 | 121 | 37 | 34 | Hard Rock Bass | HardRkBs |
| 197 | 121 | 31 | 35 | Overdriven Fretless Bass | OvdrF.Bs |
| 198 | 121 | 34 | 35 | Muted Fretless Bass | MtFretBs |
| 199 | 121 | 35 | 35 | Dark Fretless Bass | DkFretBs |
| 200 | 121 | 31 | 36 | Chorus Slap Bass | ChSlpBs |
| 201 | 121 | 33 | 36 | Bright Resonant Slap Bass | BrRnS.Bs |
| 202 | 121 | 34 | 36 | Dark Resonant Slap Bass | DkRnS.Bs |
| 203 | 121 | 37 | 36 | Warm Resonant Slap Bass | WmRnS.Bs |
| 204 | 121 | 30 | 37 | Dark Power Slap Bass | DkPwSlpB |
| 205 | 121 | 31 | 37 | Bright Power Slap Bass | BrPwSlpB |
| 206 | 121 | 32 | 37 | Distortion Power Slap Bass | DtPwSlpB |
| 207 | 121 | 35 | 37 | Chorus Power Slap Bass | ChPwSlpB |
| 208 | 121 | 37 | 37 | Warm Power Slap Bass | WmPwSlpB |
| 209 | 121 | 31 | 38 | Bright Analog Bass | BrtAnBs |
| 210 | 121 | 32 | 38 | Chorus Analog Bass | ChorAnBs |
| 211 | 121 | 36 | 38 | Hammer Analog Bass | HamrAnBs |
| 212 | 121 | 37 | 38 | Dark Hammer Bass | DkHamrBs |
| 213 | 121 | 30 | 39 | Bright Attack Bass | BrAtckBs |
| 214 | 121 | 31 | 39 | Pulse Attack Bass | PlsAkBs |
| 215 | 121 | 32 | 39 | Bright Pulse Bass | BrPlsBs |
| 216 | 121 | 33 | 39 | Octave Analog Bass | OctAnBs |
| 217 | 121 | 34 | 39 | Power Analog Bass | PwAnBs |

| | | | | | |
|---------|-----|----|----|--------------------------|-----------|
| 218 | 121 | 35 | 39 | Power Pulse Bass | PwPlsBs |
| Strings | | | | | |
| 219 | 121 | 10 | 48 | Real Strings | RealStr |
| 220 | 121 | 0 | 48 | Classic Strings | ClasStr |
| 221 | 121 | 1 | 48 | Orchestra Tutti | OrcTutti |
| 222 | 121 | 10 | 40 | Sweet Violin | SwViolin |
| 223 | 121 | 10 | 42 | Real Cello | RelCello |
| 224 | 121 | 11 | 48 | Concert Strings | ConceStr |
| 225 | 121 | 10 | 49 | Live Strings | LiveStr |
| 226 | 121 | 0 | 46 | Real Harp | RealHarp |
| 227 | 121 | 12 | 48 | Live Orchestra | LiveOrch |
| 228 | 121 | 13 | 48 | Live Contrabass | LvContbs |
| 229 | 121 | 12 | 49 | Slow Strings | SlowStr |
| 230 | 121 | 19 | 48 | Strings & Flute | St&Flute |
| 231 | 121 | 15 | 48 | Arco Strings 1 | ArcoStr1 |
| 232 | 121 | 0 | 52 | Live Choir Aahs | LivChoAh |
| 233 | 121 | 0 | 53 | Live Choir Oohs | LivChoOh |
| 234 | 121 | 0 | 54 | Synth Choir 1 | SynChor1 |
| 235 | 121 | 16 | 48 | Orchestra | Orchestr |
| 236 | 121 | 17 | 48 | Arco Strings 2 | ArcoStr2 |
| 237 | 121 | 18 | 48 | Brilliant Strings | BrilStrs |
| 238 | 121 | 0 | 44 | Live Tremolo Strings | LivT.Str |
| 239 | 121 | 0 | 45 | Live Pizzicato Strings | LivPzStr |
| 240 | 121 | 10 | 51 | Movie Strings | MovieStr |
| 241 | 121 | 0 | 50 | Cool Synth Strings | ColSynSt |
| 242 | 121 | 0 | 51 | Soft Synth Strings | SofSynSt |
| 243 | 121 | 0 | 40 | Real Violin | RealVln |
| 244 | 121 | 0 | 41 | Real Viola | RealVla |
| 245 | 121 | 0 | 42 | Live Cello | LivCello |
| 246 | 121 | 0 | 43 | Real Contrabass | RealCtbs |
| 247 | 121 | 10 | 52 | Soft Choir Aahs | SofChoAh |
| 248 | 121 | 1 | 53 | Soft Choir Oohs | SofChoOh |
| 249 | 121 | 1 | 54 | Synth Choir 2 | SynCho2 |
| 250 | 121 | 0 | 55 | Live Orchestra Hit | LvOrchHit |
| 251 | 121 | 1 | 55 | Synth Bass Hit | SynBsHit |
| 252 | 121 | 2 | 55 | Power Hit 1 | PowHit1 |
| 253 | 121 | 3 | 55 | Power Hit 2 | PowHit2 |
| 254 | 121 | 30 | 40 | Cool Violin | CoolVln |
| 255 | 121 | 33 | 40 | Slow Violin | SlwVioln |
| 256 | 121 | 34 | 40 | Dark Violin | DkVioln |
| 257 | 121 | 35 | 40 | Bright Violin | BrtVioln |
| 258 | 121 | 30 | 41 | Slow Viola | SlwViola |
| 259 | 121 | 31 | 41 | Dark Viola | DkViola |
| 260 | 121 | 32 | 41 | Bright Viola | BrtViola |
| 261 | 121 | 30 | 42 | Slow Cello | SlCello |
| 262 | 121 | 31 | 42 | Dark Cello | DkCello |
| 263 | 121 | 32 | 42 | Bright Cello | BrtCello |
| 264 | 121 | 30 | 43 | Dark Contrabass | DkContbs |
| 265 | 121 | 31 | 43 | Bright Contrabass | BrContbs |
| 266 | 121 | 33 | 43 | Slow Contrabass | SlContbs |
| 267 | 121 | 30 | 44 | Dark Tremolo Strings | DkTreSt |
| 268 | 121 | 31 | 44 | Bright Tremolo Strings | BrtTreSt |
| 269 | 121 | 32 | 44 | Slow Tremolo Strings | SlwTreSt |
| 270 | 121 | 30 | 45 | Dark Pizzicato Strings | DkPzStr |
| 271 | 121 | 31 | 45 | Bright Pizzicato Strings | BrtPzStr |
| 272 | 121 | 30 | 46 | Dark Harp | DarkHarp |

Sound List

| | | | | | |
|-------|-----|----|-----|-----------------------|----------|
| 273 | 121 | 31 | 46 | Bright Harp | BrHarp |
| 274 | 121 | 0 | 104 | India Sitar | INSitar |
| 275 | 121 | 0 | 105 | Folk Banjo | FoBanjo |
| 276 | 121 | 0 | 106 | Japanese Shamisen | JPShami |
| 277 | 121 | 0 | 107 | Japanese Koto | JapanKto |
| 278 | 121 | 0 | 110 | Vintage Fiddle | VtFiddle |
| Brass | | | | | |
| 279 | 121 | 10 | 56 | Sweet Trumpet | SweetTrp |
| 280 | 121 | 10 | 57 | Sweet Trombone | SwtTrom |
| 281 | 121 | 10 | 59 | Sweet Muted Trumpet | SwtMtTrp |
| 282 | 121 | 10 | 58 | Live Tuba | LiveTuba |
| 283 | 121 | 10 | 60 | Live French Horn | LivFrHon |
| 284 | 121 | 16 | 60 | Wide French Horn | WdFrHon |
| 285 | 121 | 10 | 61 | Real Brass Section | RealBrs |
| 286 | 121 | 11 | 61 | Pop Brass Section | PopBrass |
| 287 | 121 | 11 | 56 | Jazz Trumpet | JazzTrp |
| 288 | 121 | 12 | 56 | Solo Trumpet | SoloTrp |
| 289 | 121 | 13 | 56 | Trumpet Ensemble | TrpEn |
| 290 | 121 | 0 | 57 | Live Trombone | LiveTrom |
| 291 | 121 | 14 | 57 | Solo Flugelhorn | SolFghon |
| 292 | 121 | 0 | 59 | Solo Muted Trumpet | SolMtTrp |
| 293 | 121 | 11 | 57 | Solo Trombone | SoloTrom |
| 294 | 121 | 12 | 57 | Soft Trombone | SoftTrom |
| 295 | 121 | 19 | 57 | Wide Trombone | WideTrom |
| 296 | 121 | 13 | 57 | Dark Trombone | DarkTrom |
| 297 | 121 | 18 | 57 | Synth Trombone | SynTrom |
| 298 | 121 | 20 | 57 | Analog Bass Brass | AnBsBras |
| 299 | 121 | 12 | 61 | Octave Brass Section | OctBrsSc |
| 300 | 121 | 0 | 61 | Classic Brass Section | ClasBras |
| 301 | 121 | 17 | 61 | Dark Brass | DarkBras |
| 302 | 121 | 13 | 61 | Cool Synth Brass | CoolBras |
| 303 | 121 | 14 | 61 | Live Brass Section | LiveBras |
| 304 | 121 | 15 | 61 | Sforzato Brass | SfztBras |
| 305 | 121 | 18 | 61 | Big Brass Section | BigBrass |
| 306 | 121 | 20 | 61 | Bright Brass Section | BrTBras |
| 307 | 121 | 21 | 61 | Mellow Brass Section | MelBrass |
| 308 | 121 | 11 | 60 | Modern Synth Brass | MdnBrass |
| 309 | 121 | 12 | 60 | Soft Synth Brass | SoBras |
| 310 | 121 | 10 | 62 | 80's Brass | 80'sBras |
| 311 | 121 | 23 | 61 | Soft Brass Section | SofBrsSc |
| 312 | 121 | 13 | 60 | Big Band | BigBand |
| 313 | 121 | 24 | 61 | Power Brass Section | PowBrass |
| 314 | 121 | 25 | 61 | Dance Synth Brass | DancBras |
| 315 | 121 | 28 | 61 | Brass Hit | BrassHit |
| 316 | 121 | 2 | 62 | Analog Brass | AnaBras |
| 317 | 121 | 2 | 63 | Soft Analog Brass | SoAnBras |
| 318 | 121 | 15 | 60 | Echo Brass | EchoBras |
| 319 | 121 | 30 | 56 | Warm Trumpet | WarmTrp |
| 320 | 121 | 31 | 56 | Bright Trumpet | BritTrp |
| 321 | 121 | 33 | 56 | Double Trumpet | DubTrump |
| 322 | 121 | 30 | 57 | Warm Trombone | WarmTrom |
| 323 | 121 | 31 | 57 | Bright Trombone | BritTrom |
| 324 | 121 | 33 | 57 | Double Trombone | DubTrom |
| 325 | 121 | 30 | 58 | Dark Tuba | DarkTuba |
| 326 | 121 | 31 | 58 | Bright Tuba | BritTuba |
| 327 | 121 | 32 | 58 | Warm Tuba | WarmTuba |

| | | | | | |
|----------------|-----|----|----|---------------------------|-----------|
| 328 | 121 | 35 | 58 | Slow Tuba | SlowTuba |
| 329 | 121 | 30 | 59 | Dark Muted Trumpet | DkMtTrp |
| 330 | 121 | 31 | 59 | Bright Muted Trumpet | BrtMtTrp |
| 331 | 121 | 32 | 59 | Warm Muted Trumpet | WrmMtTrp |
| 332 | 121 | 30 | 60 | Dark French Horn | DkFrHorn |
| 333 | 121 | 31 | 60 | Bright French Horn | BrFrHorn |
| 334 | 121 | 32 | 60 | Warm French Horn | WmFrHorn |
| 335 | 121 | 37 | 60 | Slow French Horn | SIFrHorn |
| 336 | 121 | 30 | 61 | Dark Brass Section | DBrsSect |
| 337 | 121 | 32 | 61 | Warm Brass Section | WarmBras |
| 338 | 121 | 35 | 61 | Slow Brass Section | SlowBras |
| 339 | 121 | 31 | 62 | Bright Synth Brass | BrtSyBras |
| 340 | 121 | 35 | 62 | Slow Synth Brass | SlwSyBras |
| 341 | 121 | 30 | 63 | Dark Analog Synth Brass | DkAnBras |
| 342 | 121 | 31 | 63 | Bright Analog Synth Brass | BrAnBras |
| 343 | 121 | 32 | 63 | Warm Analog Synth Brass | WmAnBras |
| 344 | 121 | 35 | 63 | Slow Analog Synth Brass | SIAnBras |
| Sax & Woodwind | | | | | |
| 345 | 121 | 10 | 66 | Sweet Tenor Sax | SwtTnoSx |
| 346 | 121 | 10 | 65 | Sweet Alto Sax | SwtAtoSx |
| 347 | 121 | 10 | 64 | Sweet Soprano Sax | SwSprnSx |
| 348 | 121 | 10 | 67 | Live Baritone Sax | LivBriSx |
| 349 | 121 | 11 | 66 | Real Tenor Sax | RelTnoSx |
| 350 | 121 | 11 | 65 | Real Alto Sax | RelAtoSx |
| 351 | 121 | 10 | 73 | Sweet Flute | SwtFlute |
| 352 | 121 | 10 | 71 | Sweet Clarinet | SwtClar |
| 353 | 121 | 10 | 75 | Sweet Pan Flute | SwtPanFl |
| 354 | 121 | 10 | 68 | Sweet Oboe | SwtOboe |
| 355 | 121 | 0 | 69 | Classic English Horn | ClassEH |
| 356 | 121 | 0 | 70 | Classic Bassoon | ClassBn |
| 357 | 121 | 0 | 72 | Classic Piccolo | ClasPico |
| 358 | 121 | 12 | 73 | Classic Flute 1 | ClassFl1 |
| 359 | 121 | 0 | 64 | Soprano Sax | SprnSax |
| 360 | 121 | 0 | 66 | Tenor Sax | TenorSax |
| 361 | 121 | 0 | 65 | Alto Sax | AltoSax |
| 362 | 121 | 0 | 67 | Baritone Sax | BariSax |
| 363 | 121 | 11 | 73 | Flute & Sax | Flut&Sax |
| 364 | 121 | 13 | 65 | Sax Section | SaxSect |
| 365 | 121 | 11 | 64 | Sax Band 1 | SaxBand1 |
| 366 | 121 | 12 | 64 | Sax Band 2 | SaxBand2 |
| 367 | 121 | 12 | 65 | Octave Saxes | OctSaxes |
| 368 | 121 | 11 | 67 | Soft Sax Band | SoSxBand |
| 369 | 121 | 11 | 75 | Cool Pan Flute | CoolPFI |
| 370 | 121 | 0 | 77 | Cool Shakuhachi | ColShaku |
| 371 | 121 | 0 | 71 | Classic Clarinet | ClasClar |
| 372 | 121 | 0 | 73 | Classic Flute 2 | ClassFl2 |
| 373 | 121 | 0 | 68 | Classic Oboe | ClasOboe |
| 374 | 121 | 0 | 78 | Mellow Whistle | MelWhist |
| 375 | 121 | 0 | 74 | Classic Recorder | ClasRecd |
| 376 | 121 | 0 | 76 | Sweet Blown Bottle | SwBottle |
| 377 | 121 | 0 | 79 | Mellow Ocarina | MelOcari |
| 378 | 121 | 30 | 72 | Dark Piccolo | DarkPico |
| 379 | 121 | 31 | 72 | Bright Piccolo | BrtPico |
| 380 | 121 | 34 | 72 | Slow Piccolo | SlowPico |
| 381 | 121 | 30 | 73 | Dark Flute | DkFlute |
| 382 | 121 | 31 | 73 | Bright Flute | BrtFlute |

Sound List

| | | | | | |
|------------|-----|----|-----|---------------------|----------|
| 383 | 121 | 34 | 73 | Slow Flute | SlwFlute |
| 384 | 121 | 30 | 75 | Dark Pan Flute | DkPanFl |
| 385 | 121 | 31 | 75 | Bright Pan Flute | BrPanFl |
| 386 | 121 | 35 | 75 | Slow Pan Flute | SlPanFl |
| 387 | 121 | 30 | 76 | Dark Blown Bottle | DkBottle |
| 388 | 121 | 31 | 76 | Bright Blown Bottle | BrBottle |
| 389 | 121 | 34 | 76 | Slow Blown Bottle | SlBottle |
| 390 | 121 | 30 | 77 | Dark Shakuhachi | DkShaku |
| 391 | 121 | 31 | 77 | Bright Shakuhachi | BrShaku |
| 392 | 121 | 34 | 77 | Slow Shakuhachi | SlwShaku |
| 393 | 121 | 30 | 78 | Bright Whistle | BrWhist |
| 394 | 121 | 0 | 111 | Vintage Shanai | VtShanai |
| 395 | 121 | 0 | 109 | Vintage Bag Pipe | VtBagPp |
| Lead & Pad | | | | | |
| 396 | 121 | 10 | 80 | Wire Lead | WireLd |
| 397 | 121 | 16 | 84 | Dance Lead | DanceLed |
| 398 | 121 | 11 | 87 | Techno Lead | TechLed |
| 399 | 121 | 12 | 81 | Trance Lead | TranceLd |
| 400 | 121 | 15 | 80 | Super Square | SuperSqu |
| 401 | 121 | 17 | 81 | Super Sawtooth | SuperSaw |
| 402 | 121 | 18 | 81 | Pop Lead | PopLead |
| 403 | 121 | 10 | 87 | Octave Line | OctLine |
| 404 | 121 | 12 | 82 | Pan Lead | PanLead |
| 405 | 121 | 10 | 86 | Rising | Rising |
| 406 | 121 | 12 | 87 | Octave Lead | OctLead |
| 407 | 121 | 13 | 81 | Fire Wire Lead | FirWirLd |
| 408 | 121 | 10 | 91 | Live Choir Pad | LivChoPd |
| 409 | 121 | 13 | 91 | Vox Pad | VoxPad |
| 410 | 121 | 15 | 91 | Dream New Age | DreamNA |
| 411 | 121 | 20 | 91 | Heaven Pad | HevenPd |
| 412 | 121 | 11 | 95 | Messenger Pad | MesengPd |
| 413 | 121 | 10 | 98 | Echo Crystal | EchoCrys |
| 414 | 121 | 10 | 102 | Echo Drops | EchoDrp |
| 415 | 121 | 12 | 80 | Sine Solo | SineSolo |
| 416 | 121 | 11 | 80 | Matrix Lead | MatrxLed |
| 417 | 121 | 13 | 80 | Hip Hop Lead 1 | HiHpLed1 |
| 418 | 121 | 14 | 80 | Hip Hop Lead 2 | HiHpLed2 |
| 419 | 121 | 10 | 81 | Bauble Lead | BaubleLd |
| 420 | 121 | 11 | 81 | Super Analog | SuperAna |
| 421 | 121 | 15 | 81 | Blaster Lead | BlasLead |
| 422 | 121 | 16 | 81 | Skyline Lead | SkyLead |
| 423 | 121 | 10 | 84 | Soft Sine 1 | SofSine1 |
| 424 | 121 | 12 | 84 | Wah Lead | WahLead |
| 425 | 121 | 14 | 84 | Corrie | Corrie |
| 426 | 121 | 21 | 81 | Big Lead | BigLead |
| 427 | 121 | 10 | 82 | Flying Lead | FlyLead |
| 428 | 121 | 16 | 80 | Mini Lead | MiniLead |
| 429 | 121 | 13 | 87 | Massiveness | Massines |
| 430 | 121 | 11 | 82 | Soft Calliope | SoCal |
| 431 | 121 | 14 | 87 | Soft Sine 2 | SofSine2 |
| 432 | 121 | 15 | 87 | Jazz Lead | JazzLead |
| 433 | 121 | 22 | 81 | Trumpet Saw | TrumpSaw |
| 434 | 121 | 23 | 81 | Circus Lead | CirLead |
| 435 | 121 | 24 | 81 | Thick Square | ThickSqu |
| 436 | 121 | 30 | 80 | Wah Sine Solo | WaSinSol |
| 437 | 121 | 32 | 80 | Dark Wire Lead | DkWireLd |

| | | | | | |
|-----|-----|----|----|----------------------|-----------|
| 438 | 121 | 31 | 81 | Chorus Soft Mini | ChSoMini |
| 439 | 121 | 34 | 81 | Soft Analog | SoftAna |
| 440 | 121 | 35 | 81 | Bright Analog | BritAna |
| 441 | 121 | 36 | 81 | Toys Analog | ToysAna |
| 442 | 121 | 30 | 82 | Corrie Calliope | CoreCal |
| 443 | 121 | 32 | 82 | Bright Calliope | BrnCaliO |
| 444 | 121 | 35 | 82 | Analog Calliope | AnaCalio |
| 445 | 121 | 31 | 83 | Bright Chiff Lead | BrnCChiLd |
| 446 | 121 | 33 | 83 | Charang Chiff Lead | ChaChiLd |
| 447 | 121 | 36 | 83 | Corrie Chiff Lead | CreChiLd |
| 448 | 121 | 37 | 83 | Stardust Warp | StardWap |
| 449 | 121 | 30 | 84 | Soft Funky Lead | FunkyLd |
| 450 | 121 | 32 | 84 | Wire Funky Lead | WirFukLd |
| 451 | 121 | 33 | 84 | Soft Octave Lead | SofOctLd |
| 452 | 121 | 36 | 84 | Calliope Octave Lead | CalOctLd |
| 453 | 121 | 37 | 84 | Big Octave Lead | BigOctLd |
| 454 | 121 | 30 | 85 | Bright Voice Lead | BrnVocLd |
| 455 | 121 | 37 | 85 | Big Voice Lead | BigVocLd |
| 456 | 121 | 30 | 86 | Soft Rising | SofRise |
| 457 | 121 | 32 | 86 | Bright Rising | BrnRise |
| 458 | 121 | 30 | 87 | Soft Bass Lead | SofBsLd |
| 459 | 121 | 32 | 87 | Voice Bass Lead | VocBsLd |
| 460 | 121 | 34 | 87 | Calliope Bass Lead | CaloBsLd |
| 461 | 121 | 35 | 87 | Analog Bass Lead | AnaBsLd |
| 462 | 121 | 11 | 91 | Gospel Pad | GospelPd |
| 463 | 121 | 12 | 91 | Live Humming Pad | HummPad |
| 464 | 121 | 14 | 91 | Sweet New Age | SwNewAge |
| 465 | 121 | 16 | 91 | Soft Vox | SoftVox |
| 466 | 121 | 17 | 91 | Vox Choir Pad | VoxChoPd |
| 467 | 121 | 18 | 91 | Sunbeam Pad | SunPad |
| 468 | 121 | 23 | 91 | Air Choir Pad | AirChoPd |
| 469 | 121 | 27 | 91 | Choir & Organ | Ch&Organ |
| 470 | 121 | 10 | 88 | Cool New Age | CoolNA |
| 471 | 121 | 10 | 89 | Space Pad | SpacePd |
| 472 | 121 | 11 | 89 | PWM Pad | PWMPad |
| 473 | 121 | 15 | 89 | Cyber Pad | CyberPad |
| 474 | 121 | 10 | 95 | Cool Sweep Pad | ColSwpPd |
| 475 | 121 | 12 | 95 | Wave Pad | WavePad |
| 476 | 121 | 10 | 90 | Poly Synth Pad 1 | PolSyPd1 |
| 477 | 121 | 11 | 90 | Poly Synth Pad 2 | PolSyPd2 |
| 478 | 121 | 10 | 93 | Mystery Pad | MysterPd |
| 479 | 121 | 12 | 94 | Evening Stars | EvenStar |
| 480 | 121 | 13 | 88 | Atmosphere Pad | AtmospPd |
| 481 | 121 | 28 | 91 | Utopia Pad | UtopiPd |
| 482 | 121 | 12 | 93 | Glass Pad | GlassPad |
| 483 | 121 | 13 | 93 | Fantasia | Fantasia |
| 484 | 121 | 17 | 89 | DX Pad | DXPad |
| 485 | 121 | 13 | 95 | Dream Sweep Pad | D.SwpPad |
| 486 | 121 | 18 | 89 | Analog Pad | AnalogPd |
| 487 | 121 | 15 | 88 | New Age & Bowed Pad | NA&BowPd |
| 488 | 121 | 16 | 88 | Golden Age | GoldAge |
| 489 | 121 | 17 | 88 | Space Halo Pad | SpcHloPd |
| 490 | 121 | 18 | 88 | Time Travel | TimeTrav |
| 491 | 121 | 19 | 89 | Time Machine | TimeMach |
| 492 | 121 | 20 | 89 | Slow Warm Pad | SlWrmPad |

Sound List

| | | | | | |
|---------------|-----|----|-----|--------------------------|----------|
| 493 | 121 | 30 | 88 | Bright New Age Pad | BrtnAPad |
| 494 | 121 | 35 | 88 | Warm New Age Pad | WarmNAPd |
| 495 | 121 | 36 | 88 | Dipolar New Age Pad | DipoNAPd |
| 496 | 121 | 30 | 89 | Dream Warm Pad | D.WrmPad |
| 497 | 121 | 31 | 89 | Cool Warm Pad | CoolWmPd |
| 498 | 121 | 33 | 89 | Organ Pad | OrganPad |
| 499 | 121 | 35 | 89 | Modern Pad | ModernPd |
| 500 | 121 | 31 | 90 | Bright Poly Synth Pad | BrtPSyPd |
| 501 | 121 | 34 | 90 | Calliope Poly Synth Pad | CalPSyPd |
| 502 | 121 | 35 | 90 | Harmonica Poly Synth Pad | HmPSyPd |
| 503 | 121 | 37 | 90 | Square Poly Synth Pad | SquPSyPd |
| 504 | 121 | 32 | 91 | Soft Utopia Pad | SoUtoPd |
| 505 | 121 | 33 | 91 | Square Utopia Pad | SquUtoPd |
| 506 | 121 | 35 | 91 | Analog Utopia Pad | AnaUtoPd |
| 507 | 121 | 30 | 92 | Bright Bowed Pad | BrBowPd |
| 508 | 121 | 31 | 92 | Soft Bowed Pad | SoBowPd |
| 509 | 121 | 34 | 92 | Congregate Bowed Pad | CongBoPd |
| 510 | 121 | 30 | 93 | Bright Metallic Pad | BrMetPd |
| 511 | 121 | 31 | 93 | Soft Metallic Pad | SofMetPd |
| 512 | 121 | 35 | 93 | Congregate Metallic Pad | CogMetPd |
| 513 | 121 | 36 | 93 | Calliope Metallic Pad | CalMetPd |
| 514 | 121 | 30 | 94 | Bright Halo Pad | BrHaloPd |
| 515 | 121 | 31 | 94 | Soft Halo Pad | SoHaloPd |
| 516 | 121 | 33 | 94 | PWM Halo Pad | PWMHloPd |
| 517 | 121 | 34 | 94 | Bowed Halo Pad | BowHloPd |
| 518 | 121 | 36 | 94 | Metal Halo Pad | MetHloPd |
| 519 | 121 | 37 | 94 | Corrie Halo Pad | CoreHoPd |
| 520 | 121 | 30 | 95 | Soft Dipolar Pad | SoDipoPd |
| 521 | 121 | 33 | 95 | Metallic Dipolar Pad | MetDipPd |
| 522 | 121 | 34 | 95 | Warm Dipolar Pad | WmDipoPd |
| 523 | 121 | 36 | 95 | Calliope Dipolar Pad | CalDipPd |
| 524 | 121 | 37 | 95 | Corrie Dipolar Pad | CreDipPd |
| 525 | 121 | 11 | 102 | Sun Bell | SunBell |
| 526 | 121 | 12 | 102 | Echo Bell | EchoBell |
| 527 | 121 | 13 | 102 | Bell Pad | BellPad |
| 528 | 121 | 31 | 98 | Soft Crystal Echo | SoCrysEc |
| 529 | 121 | 37 | 98 | Chorus Crystal Echo | ChCrysEc |
| 530 | 121 | 30 | 102 | Soft Echo | SoftEcho |
| 531 | 121 | 32 | 102 | Bright Echo | BritEcho |
| Perc. & Drums | | | | | |
| 532 | 121 | 1 | 11 | Cool Vibraphone | CoVibra |
| 533 | 121 | 10 | 11 | Rigid Vibraphone | RigVibra |
| 534 | 121 | 1 | 12 | Real Marimba | RelMarim |
| 535 | 121 | 10 | 8 | Real Celesta | RelCeles |
| 536 | 121 | 0 | 11 | Live Vibraphone | LivVibra |
| 537 | 121 | 11 | 11 | Jazz Vibraphone | JazVibra |
| 538 | 121 | 0 | 12 | Cool Marimba | ColMarim |
| 539 | 121 | 0 | 13 | Live Xylophone | LivXylop |
| 540 | 121 | 0 | 8 | Live Celesta | LivCeles |
| 541 | 121 | 0 | 9 | Live Glockenspiel | LivGlock |
| 542 | 121 | 0 | 10 | Dream Music Box | DreamMBx |
| 543 | 121 | 0 | 14 | Live Tubular Bells | LvTubuBl |
| 544 | 121 | 1 | 14 | Church Bell | ChurBell |
| 545 | 121 | 2 | 14 | Carillon | Carillon |
| 546 | 121 | 0 | 15 | Santur | Santur |

| | | | | | |
|----------|-----|---|-----|---------------------------|----------|
| 547 | 121 | 0 | 108 | Africa Kalimba | AfricaKa |
| 548 | 120 | 0 | 0 | Standard Set | StdSet |
| 549 | 120 | 0 | 40 | Brush Set | BrushSet |
| 550 | 120 | 0 | 72 | Studio Set | StudoSet |
| 551 | 120 | 0 | 73 | Mix Set | MixSet |
| 552 | 120 | 0 | 70 | Dance Set | DanceSet |
| 553 | 120 | 0 | 8 | Room Set | RoomSet |
| 554 | 120 | 0 | 32 | Jazz Set | JazzSet |
| 555 | 120 | 0 | 87 | Acoustic Set | AcousSet |
| 556 | 120 | 0 | 16 | Power Set | PowSet |
| 557 | 120 | 0 | 24 | Electronic Set | ElectSet |
| 558 | 120 | 0 | 25 | Analog Set | AnalSet |
| 559 | 120 | 0 | 48 | Orchestra Set | OrchSet |
| 560 | 120 | 0 | 77 | Latin Set | LatinSet |
| 561 | 120 | 0 | 81 | R&B Set | R&BSet |
| 562 | 120 | 0 | 83 | Hip Hop Set | HiHpSet |
| 563 | 120 | 0 | 76 | Fusion Set | FusioSet |
| 564 | 120 | 0 | 82 | Vintage Set | VintSet |
| 565 | 120 | 0 | 84 | Pop Set | PopSet |
| 566 | 120 | 0 | 85 | Funk Set | FunkSet |
| 567 | 120 | 0 | 88 | Symphony Set | SympSet |
| 568 | 120 | 0 | 80 | Percussion Set | PercSet |
| 569 | 120 | 0 | 78 | SFX Set 1 | SFXSet1 |
| 570 | 120 | 0 | 79 | SFX Set 2 | SFXSet2 |
| 571 | 121 | 0 | 47 | Orchestra Timpani | OrchTimp |
| 572 | 121 | 0 | 116 | Live Taiko Drum | LvTaDrum |
| 573 | 121 | 1 | 116 | Concert Bass Drum | ConBsDrm |
| 574 | 121 | 0 | 117 | Acoustic Tom 1 | AcousTm1 |
| 575 | 121 | 1 | 117 | Acoustic Tom 2 | AcousTm2 |
| 576 | 121 | 0 | 118 | Synth Tom | SynthTom |
| 577 | 121 | 1 | 118 | Rhythm Tom | RhythmTm |
| 578 | 121 | 2 | 118 | Electric Drum | E.Drum |
| 579 | 121 | 0 | 114 | Live Steel Drums | LvStlDr |
| 580 | 121 | 0 | 113 | Agogo Bell | AgogoBel |
| 581 | 121 | 0 | 119 | Cymbal SFX | CymbSFX |
| SFX & GM | | | | | |
| 582 | 121 | 0 | 120 | Guitar SFX 1 | GtrSFX1 |
| 583 | 121 | 1 | 120 | Guitar SFX 2 | GtrSFX2 |
| 584 | 121 | 2 | 120 | Acoustic Bass String Slap | BsStSlap |
| 585 | 121 | 0 | 121 | Breathy Voice | BrthVoic |
| 586 | 121 | 1 | 121 | Flute Key Click | FIKeyClk |
| 587 | 121 | 0 | 122 | Sea Wave | SeaWave |
| 588 | 121 | 1 | 122 | Rain | Rain |
| 589 | 121 | 2 | 122 | Thunder | Thunder |
| 590 | 121 | 3 | 122 | Wind | Wind |
| 591 | 121 | 4 | 122 | Stream | Stream |
| 592 | 121 | 5 | 122 | Bubble | Bubble |
| 593 | 121 | 0 | 123 | Birds 1 | Birds1 |
| 594 | 121 | 1 | 123 | Dog | Dog |
| 595 | 121 | 2 | 123 | Horse Gallop | HorseGlp |
| 596 | 121 | 3 | 123 | Birds 2 | Birds2 |
| 597 | 121 | 0 | 124 | Telephone Bell 1 | TelpBel1 |
| 598 | 121 | 1 | 124 | Telephone Bell 2 | TelpBel2 |
| 599 | 121 | 2 | 124 | Door Creaking | DoorCrek |
| 600 | 121 | 3 | 124 | Door | Door |

Sound List

| | | | | | |
|-----|-----|---|-----|-----------------------|-----------|
| 601 | 121 | 4 | 124 | Scratch | Scratch |
| 602 | 121 | 5 | 124 | Wind Chime | WindChim |
| 603 | 121 | 0 | 125 | Helicopter Engine | HelEngin |
| 604 | 121 | 1 | 125 | Car Engine | CarEngin |
| 605 | 121 | 2 | 125 | Car Stop | CarStop |
| 606 | 121 | 3 | 125 | Car Pass | CarPass |
| 607 | 121 | 4 | 125 | Car Crash | CarCrash |
| 608 | 121 | 5 | 125 | Siren | Siren |
| 609 | 121 | 6 | 125 | Train | Train |
| 610 | 121 | 7 | 125 | Jetplane | Jetplane |
| 611 | 121 | 8 | 125 | Starship | Starship |
| 612 | 121 | 9 | 125 | Burst Noise | BurtNoiz |
| 613 | 121 | 0 | 126 | Live Applause | LivAppla |
| 614 | 121 | 1 | 126 | Laughing | Laughing |
| 615 | 121 | 2 | 126 | Screaming | Scream |
| 616 | 121 | 3 | 126 | Punch | Punch |
| 617 | 121 | 4 | 126 | Heart Beat | HeartBet |
| 618 | 121 | 5 | 126 | Footsteps | Footstep |
| 619 | 121 | 0 | 127 | Gun | Gun |
| 620 | 121 | 1 | 127 | Machine Gun | MachnGun |
| 621 | 121 | 2 | 127 | Lasergun | Lasergun |
| 622 | 121 | 3 | 127 | Explosion | Explosio |
| 623 | 0 | 0 | 0 | Acoustic Grand Piano | AcGdPno |
| 624 | 0 | 0 | 1 | Bright Acoustic Piano | BritPno |
| 625 | 0 | 0 | 2 | Electric Grand Piano | E.GrdPn |
| 626 | 0 | 0 | 3 | Honky Tonk Piano | HnkyTonk |
| 627 | 0 | 0 | 4 | Electric Piano | E.Piano |
| 628 | 0 | 0 | 5 | Electric Piano 2 | E.Piano2 |
| 629 | 0 | 0 | 6 | Harpsichord | Harpsi |
| 630 | 0 | 0 | 7 | Clavi | Clavi |
| 631 | 0 | 0 | 8 | Celesta | Celesta |
| 632 | 0 | 0 | 9 | Glockenspiel | Glocken |
| 633 | 0 | 0 | 10 | Music Box | MusicBx |
| 634 | 0 | 0 | 11 | Vibraphone | Vibra |
| 635 | 0 | 0 | 12 | Marimba | Marimba |
| 636 | 0 | 0 | 13 | Xylophone | Xylopho |
| 637 | 0 | 0 | 14 | Tubular Bells | TubulBl |
| 638 | 0 | 0 | 15 | Dulcimer | Dulcimer |
| 639 | 0 | 0 | 16 | Drawbar Organ | DrawOrg |
| 640 | 0 | 0 | 17 | Percussive Organ | PercOrg |
| 641 | 0 | 0 | 18 | Rock Organ | RockOrg |
| 642 | 0 | 0 | 19 | Church Organ | ChurOrg |
| 643 | 0 | 0 | 20 | Reed Organ | ReedOrg |
| 644 | 0 | 0 | 21 | Accordion | Acordin |
| 645 | 0 | 0 | 22 | Harmonica | Harmnic |
| 646 | 0 | 0 | 23 | Tango Accordion | TangoAcid |
| 647 | 0 | 0 | 24 | Nylon Guitar | NylonGt |
| 648 | 0 | 0 | 25 | Steel Guitar | SteelGtr |
| 649 | 0 | 0 | 26 | Jazz Electric Guitar | JazzGtr |
| 650 | 0 | 0 | 27 | Clean Electric Guitar | CleanGt |
| 651 | 0 | 0 | 28 | Muted Electric Guitar | MtE.Gtr |
| 652 | 0 | 0 | 29 | Overdriven Guitar | OvdrGtr |
| 653 | 0 | 0 | 30 | Distortion Guitar | DistGtr |
| 654 | 0 | 0 | 31 | Guitar Harmonics | GtrHarmo |
| 655 | 0 | 0 | 32 | Acoustic Bass | A.Bass |
| 656 | 0 | 0 | 33 | Finger Electric Bass | FgrBass |

| | | | | | |
|-----|---|---|----|--------------------|----------|
| 657 | 0 | 0 | 34 | Pick Electric Bass | PikBass |
| 658 | 0 | 0 | 35 | Fretless Bass | FretBs |
| 659 | 0 | 0 | 36 | Slap Bass | SlapBs |
| 660 | 0 | 0 | 37 | Slap Bass 2 | SlapBs2 |
| 661 | 0 | 0 | 38 | Synth Bass | SynBass |
| 662 | 0 | 0 | 39 | Synth Bass 2 | SynBass2 |
| 663 | 0 | 0 | 40 | Violin | Violin |
| 664 | 0 | 0 | 41 | Viola | Viola |
| 665 | 0 | 0 | 42 | Cello | Cello |
| 666 | 0 | 0 | 43 | Contrabass | Contrbs |
| 667 | 0 | 0 | 44 | Tremolo Strings | TremStr |
| 668 | 0 | 0 | 45 | Pizzicato Strings | PizzStr |
| 669 | 0 | 0 | 46 | Orchestral Harp | Harp |
| 670 | 0 | 0 | 47 | Timpani | Timpani |
| 671 | 0 | 0 | 48 | String Ensembles | Strings |
| 672 | 0 | 0 | 49 | String Ensembles 2 | Strings2 |
| 673 | 0 | 0 | 50 | Synth Strings | SynStrs |
| 674 | 0 | 0 | 51 | Synth Strings 2 | SynStrs2 |
| 675 | 0 | 0 | 52 | Aahs Choir | AahChor |
| 676 | 0 | 0 | 53 | Oohs Voice | OhVoice |
| 677 | 0 | 0 | 54 | Synth Voice | SyVoice |
| 678 | 0 | 0 | 55 | Orchestra Hit | OrchHit |
| 679 | 0 | 0 | 56 | Trumpet | Trumpet |
| 680 | 0 | 0 | 57 | Trombone | Trmbone |
| 681 | 0 | 0 | 58 | Tuba | Tuba |
| 682 | 0 | 0 | 59 | Muted Trumpet | MuteTrp |
| 683 | 0 | 0 | 60 | French Horn | FrHorn |
| 684 | 0 | 0 | 61 | Brass Section | Brass |
| 685 | 0 | 0 | 62 | Synth Brass | SynBras |
| 686 | 0 | 0 | 63 | Synth Brass 2 | SynBras2 |
| 687 | 0 | 0 | 64 | Soprano Sax | SprnSax |
| 688 | 0 | 0 | 65 | Alto Sax | AltoSax |
| 689 | 0 | 0 | 66 | Tenor Sax | TenoSax |
| 690 | 0 | 0 | 67 | Baritone Sax | BariSax |
| 691 | 0 | 0 | 68 | Oboe | Oboe |
| 692 | 0 | 0 | 69 | English Horn | EngHorn |
| 693 | 0 | 0 | 70 | Bassoon | Bassoon |
| 694 | 0 | 0 | 71 | Clarinet | Clarine |
| 695 | 0 | 0 | 72 | Piccolo | Piccolo |
| 696 | 0 | 0 | 73 | Flute | Flute |
| 697 | 0 | 0 | 74 | Recorder | Recorder |
| 698 | 0 | 0 | 75 | Pan Flute | PanFlut |
| 699 | 0 | 0 | 76 | Blown Bottle | Bottle |
| 700 | 0 | 0 | 77 | Shakuhachi | Shakhch |
| 701 | 0 | 0 | 78 | Whistle | Whistle |
| 702 | 0 | 0 | 79 | Ocarina | Ocarina |
| 703 | 0 | 0 | 80 | Square Lead | SquarLd |
| 704 | 0 | 0 | 81 | Sawtooth Lead | SawLead |
| 705 | 0 | 0 | 82 | Calliope Lead | CalioLd |
| 706 | 0 | 0 | 83 | Chiff Lead | ChiffLd |
| 707 | 0 | 0 | 84 | Charang Lead | CharaLd |
| 708 | 0 | 0 | 85 | Voice Lead | VoiceLd |
| 709 | 0 | 0 | 86 | Fifths Lead | FifthLd |
| 710 | 0 | 0 | 87 | Bass Lead | BassLd |
| 711 | 0 | 0 | 88 | New Age Pad | NewAgPd |
| 712 | 0 | 0 | 89 | Warm Pad | WarmPad |

Sound List

| | | | | | |
|-----|---|---|-----|-------------------|----------|
| 713 | 0 | 0 | 90 | Poly Synth Pad | PolSyPd |
| 714 | 0 | 0 | 91 | Choir Pad | ChoirPd |
| 715 | 0 | 0 | 92 | Bowed Pad | BowedPd |
| 716 | 0 | 0 | 93 | Metallic Pad | MetalPd |
| 717 | 0 | 0 | 94 | Halo Pad | HaloPad |
| 718 | 0 | 0 | 95 | Sweep Pad | SweepPd |
| 719 | 0 | 0 | 96 | Rain FX | Rain |
| 720 | 0 | 0 | 97 | Sound Track FX | SoudTrk |
| 721 | 0 | 0 | 98 | Crystal FX | Crystal |
| 722 | 0 | 0 | 99 | Atmosphere FX | Atmosph |
| 723 | 0 | 0 | 100 | Brightness FX | Bright |
| 724 | 0 | 0 | 101 | Goblins FX | Goblins |
| 725 | 0 | 0 | 102 | Echoes FX | Echoes |
| 726 | 0 | 0 | 103 | Sci-Fi FX | Sci-Fi |
| 727 | 0 | 0 | 104 | Sitar | Sitar |
| 728 | 0 | 0 | 105 | Banjo | Banjo |
| 729 | 0 | 0 | 106 | Shamisen | Shamise |
| 730 | 0 | 0 | 107 | Koto | Koto |
| 731 | 0 | 0 | 108 | Kalimba | Kalimba |
| 732 | 0 | 0 | 109 | Bag Pipe | BagPipe |
| 733 | 0 | 0 | 110 | Fiddle | Fiddle |
| 734 | 0 | 0 | 111 | Shanai | Shanai |
| 735 | 0 | 0 | 112 | Tinkle Bell | TnklBel |
| 736 | 0 | 0 | 113 | Agogo | Agogo |
| 737 | 0 | 0 | 114 | Steel Drums | SteelDr |
| 738 | 0 | 0 | 115 | Woodblock | Wodblok |
| 739 | 0 | 0 | 116 | Taiko Drum | TaikoDr |
| 740 | 0 | 0 | 117 | Melodic Tom | MelodTm |
| 741 | 0 | 0 | 118 | Synth Drum | SynDrum |
| 742 | 0 | 0 | 119 | Reverse Cymbal | RevCymbL |
| 743 | 0 | 0 | 120 | Guitar Fret Noise | GtFeNoz |
| 744 | 0 | 0 | 121 | Breath Noise | BrthNoz |
| 745 | 0 | 0 | 122 | Seashore | Seashor |
| 746 | 0 | 0 | 123 | Bird Tweet | Tweet |
| 747 | 0 | 0 | 124 | Telephone Ring | Telphon |
| 748 | 0 | 0 | 125 | Helicopter | Helicptr |
| 749 | 0 | 0 | 126 | Applause | Applause |
| 750 | 0 | 0 | 127 | Gunshot | Gunshot |

Style List

| NO. | English Name | LCD Name |
|-----------------------|-------------------|----------|
| Pop & Beat | | |
| 1 | Sunshine Beat | SunBeat |
| 2 | 60's Classic Beat | 60ClsBet |
| 3 | Heart Beat | HeartBet |
| 4 | 70's Pop Rock | 70PoRock |
| 5 | 80's Pop Rock | 80PoRock |
| 6 | Guitar Pop | GtrPop |
| 7 | Soft Beat | SoftBeat |
| 8 | Modern Pop | ModenPop |
| 9 | 6-8 Pop | 6-8Pop |
| 10 | 80's Golden Song | 80GSong |
| 11 | Cool 8Beat | Cool8Bet |
| 12 | 16Beat R&B | 16BtR&B |
| 13 | 70's Love Song | 70LSong |
| 14 | Modern Beat | ModernBt |
| 15 | Classic Pop 1 | ClasPop1 |
| 16 | Classic Pop 2 | ClasPop2 |
| 17 | 8Beat Pop 1 | 8BtPop1 |
| 18 | Classic 16Beat | Clas16Bt |
| 19 | Pop Rock 1 | PopRock1 |
| 20 | Pop Jazz | PopJazz |
| 21 | 8Beat Rock | 8BtRock |
| 22 | Sweet 8Beat | Sweet8Bt |
| 23 | British Pop 1 | BritPop1 |
| 24 | British Pop 2 | BritPop2 |
| 25 | Rhythm & 8Beat 1 | Rhy&8Bt1 |
| 26 | Rhythm & 8Beat 2 | Rhy&8Bt2 |
| 27 | Pop Fusion | PopFusn |
| 28 | 8Beat Pop 2 | 8BtPop2 |
| 29 | 16Beat Pop 1 | 16BtPop1 |
| 30 | 16Beat Pop 2 | 16BtPop2 |
| 31 | 16Beat 1 | 16Beat1 |
| 32 | Modern 16Beat | Modn16Bt |
| 33 | Pop Hit | PopHit |
| 34 | 16Beat 2 | 16Beat2 |
| 35 | 16Beat 3 | 16Beat3 |
| 36 | Pop Shuffle | PopShfl |
| Rock | | |
| 37 | Rock & Roll 1 | Rok&Rol1 |
| 38 | Blues Rock 1 | BluesRk1 |
| 39 | Blues Rock 2 | BluesRk2 |
| 40 | Classic Rock | ClasRock |
| 41 | 80's Metal | 80Metal |
| 42 | British Rock | BritRock |
| 43 | Standard Rock | StandRk |
| 44 | 70's Rock | 70'sRock |
| 45 | Slow Rock | SlowRock |
| 46 | Rock & Roll 2 | Rok&Rol2 |
| 47 | Rock Shuffle | RockShfl |
| 48 | New Wave | NewWave |
| 49 | Ska | Ska |
| 50 | Pop Rock 2 | PopRock2 |
| 51 | Pop Rock 3 | PopRock3 |
| 52 | Folk Rock | FolkRock |
| 53 | Soft Rock | SoftRock |

| | | |
|---------------|---------------------|----------|
| 54 | Old Rock | OldRock |
| 55 | Easy Rock | EasyRock |
| 56 | New Shuffle | NewShufl |
| 57 | Pop Rock 4 | PopRock4 |
| 58 | Hard Rock | HardRock |
| Ballad | | |
| 59 | Guitar Ballad 1 | GtrBald1 |
| 60 | Blues Ballad 1 | BluBald1 |
| 61 | Golden Song | GoldSong |
| 62 | Movie Ballad 1 | MovBald1 |
| 63 | Unplugged | Unplug |
| 64 | Movie Ballad 2 | MovBald2 |
| 65 | Blues Ballad 2 | BlueBld2 |
| 66 | Simple Love Song | SimLSong |
| 67 | Love Ballad 1 | LoveBld1 |
| 68 | 90's Ballad | 90'sBld |
| 69 | Sweet Ballad | SweetBld |
| 70 | 8Beat Ballad | 8BtBalld |
| 71 | 16Beat Ballad 1 | 16BtBld1 |
| 72 | 16Beat Ballad 2 | 16BtBld2 |
| 73 | Piano Ballad 1 | PnoBald1 |
| 74 | Guitar Ballad 2 | GtrBald2 |
| 75 | Pop Beat | PopBeat |
| 76 | 6-8 Pop Ballad | 6-8PoBld |
| 77 | R&B Ballad | R&BBald |
| 78 | Guitar Ballad 3 | GtrBald3 |
| 79 | Ballad Rock | BaldRock |
| 80 | Piano Ballad 2 | PnoBald2 |
| 81 | Soft Ballad | SoftBald |
| 82 | 16Beat Ballad 3 | 16BtBld3 |
| 83 | Natural Ballad | NatraBld |
| 84 | Love Ballad 2 | LoveBld2 |
| 85 | Easy Ballad | EasyBald |
| 86 | Miami Folk | MiamiFok |
| 87 | Slow Ballad | SlowBald |
| 88 | Folk Ballad | FolkBald |
| 89 | Pop Ballad | PopBald |
| 90 | EP Ballad | EPBallad |
| Dance | | |
| 91 | Club DJ | ClubDJ |
| 92 | House 1 | House1 |
| 93 | Club Mix | ClubMix |
| 94 | Hip Hop 1 | HipHop1 |
| 95 | Hip Hop 2 | HipHop2 |
| 96 | Progressive House 1 | ProHous1 |
| 97 | Club Dance 1 | ClbDanc1 |
| 98 | Garage | Garage |
| 99 | 80's Disco | 80sDisco |
| 100 | Crazy Disco | CrzDisco |
| 101 | Club Dance 2 | ClbDanc2 |
| 102 | Beat Dance 1 | BtDance1 |
| 103 | Beat Dance 2 | BtDance2 |
| 104 | Pop Dance 1 | PopDanc1 |
| 105 | Techno 1 | Techno1 |
| 106 | Disco Party | DscParty |
| 107 | 70's Disco | 70sDisco |

Style List

| | | |
|------------------------|---------------------|----------|
| 108 | House 2 | House2 |
| 109 | Techno 2 | Techno2 |
| 110 | Progressive House 2 | ProHous2 |
| 111 | Soft Disco | SofDisco |
| 112 | 70's Disco Funk | 70'sFunk |
| 113 | 16Beat Dance | 16BtDanc |
| 114 | Pop Dance 2 | PopDanc2 |
| 115 | Euro Dance | EuroDanc |
| Ballroom | | |
| 116 | Cha Cha Dance | ChaChaD |
| 117 | Rumba 1 | Rumba1 |
| 118 | Salsa 1 | Salsa1 |
| 119 | Tango 1 | Tango1 |
| 120 | Twist 1 | Twist1 |
| 121 | Twist 2 | Twist2 |
| 122 | Tango 2 | Tango2 |
| 123 | Tango 3 | Tango3 |
| 124 | Slow Fox | SlowFox |
| 125 | Slow Waltz 1 | SlowWlz1 |
| 126 | Swing Fox | SwingFox |
| 127 | Big Band Fox | BandFox |
| 128 | Cha Cha 1 | ChaCha1 |
| 129 | Cha Cha 2 | ChaCha2 |
| 130 | Beguine 1 | Beguine1 |
| 131 | Beguine 2 | Beguine2 |
| 132 | Spain Matador | Matador |
| 133 | Samba 1 | Samba1 |
| 134 | Samba 2 | Samba2 |
| 135 | Jive | Jive |
| 136 | Fox Trot | FoxTrot |
| Soul & Funk | | |
| 137 | Funk 1 | Funk1 |
| 138 | New Soul | NewSoul |
| 139 | Modern R&B 1 | ModnR&B1 |
| 140 | Pop R&B | PopR&B |
| 141 | Classic Funk | ClasFunk |
| 142 | New R&B | NewR&B |
| 143 | Gospel Swing 1 | GosSwin1 |
| 144 | Gospel | Gospel |
| 145 | Funk 2 | Funk2 |
| 146 | 16Beat Funk 1 | 16BtFuk1 |
| 147 | Fusion Shuffle | FusioSfl |
| 148 | Jay R&B | JayR&B |
| 149 | 16Beat Funk 2 | 16BtFuk2 |
| 150 | Groove Funk | GrooveFk |
| 151 | Rubber Funk | RubberFk |
| 152 | Cool Funk | CoolFunk |
| 153 | Jazz Funk | JazzFunk |
| 154 | Pop Funk 1 | PopFunk1 |
| 155 | Pop Funk 2 | PopFunk2 |
| 156 | 16Beat Funk 3 | 16BtFuk3 |
| 157 | Cool Beat | CoolBeat |
| 158 | Groove | Groove |
| 159 | Soul | Soul |
| 160 | Hip Hop Soul | HipHopSl |
| 161 | Hip Hop Beat | HipHopBt |

| | | |
|--------------------------------|---------------------|----------|
| 162 | Pop Funk 3 | PopFunk3 |
| 163 | Soul Beat | SoulBeat |
| 164 | Modern R&B 2 | ModnR&B2 |
| 165 | British Soul Pop | BritSoul |
| Swing & Jazz | | |
| 166 | Modern Big Band 1 | MdnBand1 |
| 167 | Jazz Love Song 1 | JzLSong1 |
| 168 | Christmas Swing | ChriSwin |
| 169 | Big Band 1 | BigBand1 |
| 170 | Jazz Love Song 2 | JzLSong2 |
| 171 | Piano Jazz | PianoJaz |
| 172 | Smooth Jazz 1 | SmothJz1 |
| 173 | Dixieland 1 | Dixland1 |
| 174 | Broadway Big Band | BwayBand |
| 175 | Gospel Swing 2 | GosSwin2 |
| 176 | Smooth Jazz 2 | SmothJz2 |
| 177 | Fusion | Fusion |
| 178 | Dixieland 2 | Dixland2 |
| 179 | Guitar Swing 1 | GtSwing1 |
| 180 | Latin Jazz | LatinJaz |
| 181 | Cool Jazz Ballad | CoolJzBd |
| 182 | Modern Big Band 2 | MdnBand2 |
| 183 | Big Band 2 | BigBand2 |
| 184 | Swing Shuffle | SwingSfl |
| 185 | Big Band 3 | BigBand3 |
| 186 | Acoustic Jazz | AcoustJz |
| 187 | Guitar Swing 2 | GtSwing2 |
| 188 | Ragtime | Ragtime |
| 189 | Modern Jazz Ballad | MdnJzBld |
| 190 | Swing Ballad | SwingBld |
| 191 | Orchestra Swing | OrchSwin |
| Country | | |
| 192 | Country Roads | CntyRoad |
| 193 | Country Folk 1 | CnyFolk1 |
| 194 | 70's Country Rock | 70'sCnty |
| 195 | Country Pop 1 | CntyPop1 |
| 196 | Bluegrass | Bluegras |
| 197 | Country Pop 2 | CntyPop2 |
| 198 | Country Pop 3 | CntyPop3 |
| 199 | Ballad Country 1 | BldCnty1 |
| 200 | Modern Country 1 | ModCnty1 |
| 201 | Southern Country | SouthCny |
| 202 | Ballad Country 2 | BldCnty2 |
| 203 | 8Beat Country | 8BtCntry |
| 204 | Modern Country 2 | ModCnty2 |
| 205 | 2-4 Country | 2-4Cntry |
| 206 | Country Quick Steps | QuickStp |
| 207 | Country Folk 2 | CnyFolk2 |
| 208 | Country Shuffle | CnyShufl |
| Latin & Latin Dance | | |
| 209 | Latin 1 | Latin1 |
| 210 | Bossa Nova | BosaNova |
| 211 | Cuba Samba | CubSamba |
| 212 | Latin Rock | LatinRok |
| 213 | New Reggae | NewRegga |
| 214 | Pop Cha Cha 1 | PChaCha1 |

| | | |
|--------------------------------|----------------|----------|
| 215 | Reggae Dance | DanceReg |
| 216 | Paso Doble | PasoDobl |
| 217 | Lite Bossa | LteBossa |
| 218 | Latin 2 | Latin2 |
| 219 | Beguine 3 | Beguine3 |
| 220 | Slow Bolero | SIBolero |
| 221 | Disco Samba | DscSamba |
| 222 | Mambo | Mambo |
| 223 | Meneito | Meneito |
| 224 | Rumba 2 | Rumba2 |
| 225 | Rumba 3 | Rumba3 |
| 226 | Sting Latin | StiLatin |
| 227 | Lambada | Lambada |
| 228 | Pop Cha Cha 2 | PChaCha2 |
| 229 | Salsa 2 | Salsa2 |
| 230 | Tikitikita | Tikitkta |
| Waltz & Traditional | | |
| 231 | Waltz | Waltz |
| 232 | Old Waltz | OldWaltz |
| 233 | English Waltz | EngWaltz |
| 234 | German Waltz | GemWaltz |
| 235 | Mazurka 1 | Mazurka1 |
| 236 | Mexican Waltz | MexWaltz |
| 237 | Vienna Waltz | VinaWltz |
| 238 | Slow Waltz 2 | SlowWlz2 |
| 239 | Jazz Waltz | JazzWltz |
| 240 | Vienna March | VieMarch |
| 241 | Polka | Polka |
| 242 | 6-8 March | 6-8March |
| 243 | German Polka | GemPolka |
| 244 | Party Polka | PtyPolka |
| 245 | Army March | ArmMarch |
| 246 | March | March |
| 247 | American March | AmMarch |
| 248 | Musette | Musette |
| 249 | French Musette | FMusette |
| 250 | Mazurka 2 | Mazurka2 |
| World | | |
| 251 | Korea Folk | KorFolk |
| 252 | Laendler | Laendler |
| 253 | Hawaiian | Hawaiian |
| 254 | Sirtaki | Sirtaki |
| 255 | Dangdut | Dangdut |
| 256 | 6-8 Flipper | 6-8Flper |
| 257 | New Age | NewAge |
| 258 | Tarantella | Tarantel |
| 259 | Scottish | Scottish |
| 260 | Mexican Folk | MexFolk |
| Pianist | | |
| 261 | Pianist 1 | Pianist1 |
| 262 | Pianist 2 | Pianist2 |
| 263 | Pianist 3 | Pianist3 |
| 264 | Jazz 1 | Jazz1 |
| 265 | Jazz 2 | Jazz2 |
| 266 | Jazz Pub | JazzPub |
| 267 | Piano Rock | PnoRock |

| | | |
|-----|-------------|----------|
| 268 | Pop Bossa | PopBossa |
| 269 | March 1 | March1 |
| 270 | March 2 | March2 |
| 271 | Piano Beat | PianoBt |
| 272 | Piano Bar | PianoBar |
| 273 | Blues | Blues |
| 274 | Pop Waltz | PopWaltz |
| 275 | Piano Waltz | PnoWaltz |
| 276 | Ballad 1 | Ballad1 |
| 277 | Ballad 2 | Ballad2 |
| 278 | 6-8 Ballad | 6-8Bald |
| 279 | Pop 1 | Pop1 |
| 280 | Pop 2 | Pop2 |

Song List

| No. | English Name | LCD Name |
|---------------------------|---|----------|
| Folk & Country | | |
| 1 | Christmas Sound | Sound |
| 2 | Long Long Ago | LongAgo |
| 3 | Old Folks at Home | OldFolks |
| 4 | Battle Hymn Of The Republic | BatIHyme |
| 5 | The Old Gray Mare | GrayMare |
| 6 | American Patrol | USPatrol |
| 7 | Christmas Is Coming | IsComing |
| 8 | Sippin' Cider Through A Straw | SipinCid |
| 9 | Wave Of The Danube | Danube |
| 10 | On London Bridge | LdBridge |
| Golden & Pop | | |
| 11 | Go Tell It On The Mountain | GoTellIt |
| 12 | O Sole Mio | OSoleMio |
| 13 | Der Deitcher's Dog | GirlsDog |
| 14 | Joy To The World | JoyWorld |
| 15 | Silent Night | SltNight |
| 16 | Five Hundred Miles | 500Miles |
| 17 | It's Beginning To Look A Lot Like Christmas | LikeXmas |
| 18 | Jeanie With The Light Brown Hair | Jeanie |
| 19 | Music Box Dancer | Dancer |
| 20 | Entertainer | Entertai |
| 21 | Annie Laurie | AnnieLa |
| 22 | The Old King Cole | OldKingC |
| Jazz & Fusion | | |
| 23 | Samba In June | Samba |
| 24 | The Hip Hop's Night | HHNight |
| 25 | Blue Lunch | BluLunch |
| 26 | Cobweb | Cobweb |
| 27 | Wine | Wine |
| 28 | Jazz Old Man | JzOldMan |
| 29 | Dark Eyes | DarkEyes |
| Piano | | |
| 30 | Lyrical Rondo | Rondo1 |
| 31 | Rialto Ripples (Rag) | Ripples |
| 32 | Neapolitan Song | Neapoli |
| 33 | Waltzes | Waltzes |
| 34 | Schos Doll's Dance No.2 | DollNo2 |
| 35 | Minuet In D Major | MinuetD |
| 36 | Inquietude | Inquietd |
| 37 | Italian Polka | Polka |
| 38 | Moment Musical | Moment |
| 39 | Prelude In C-Sharp Major | Prelude1 |
| 40 | The Happy Farmer | HpFarmer |
| 41 | The Rag-Time Dance | RagTime1 |
| 42 | Mazurka | Mazurka |
| 43 | Prelude In E Major | Prelude2 |
| 44 | Piano Sonata In A Major, K.331. I | Sonata1 |
| 45 | Waltz For Piano In g-Sharp Minor | WaltzMin |
| 46 | Pretty Girl Ragtime | Ragtime2 |
| 47 | L' Arabesque | L'Arab |
| 48 | Austria Variation | AVariati |
| 49 | Schos Doll's Dance No. 7 | DollNo7 |
| 50 | To A Wild Rose | WildRose |

| | | |
|----|----------------------------------|----------|
| 51 | Gavotte I | Gavottel |
| 52 | Waltz | Waltz |
| 53 | Minuet In G Major (BWV Anh. 116) | Minuet1 |
| 54 | Innocence | Innocenc |
| 55 | Tchaikovsky Waltz | TkyWaltz |
| 56 | Barcarolle | Barcarol |
| 57 | Robot Doll | RobtDoll |
| 58 | Consolation | Consolat |
| 59 | Minuet In G Major (BWV Anh. 114) | Minuet2 |
| 60 | Piano Sonata In C Major, K.545. | Sonata2 |
| 61 | Norwegian Dance No.2 | Norwegn |
| 62 | The Small Gathering | Gatherin |
| 63 | The Return | Return |
| 64 | The Wagtail | Wagtail |
| 65 | Bulie Dance | BulieDn |
| 66 | Tender Blossom | Blossom |
| 67 | La Gracieuse | Gracicus |
| 68 | Progress | Progress |
| 69 | Eclogue | Eclogue |
| 70 | The Limpid Stream | Stream |
| 71 | The Chatterbox | Chatter |
| 72 | Tarantella | Tarante |
| 73 | Frankness | Franknes |
| 74 | The Farewell | Farewell |
| 75 | The Chase | TheChase |
| 76 | Habanera | Habanera |
| 77 | Prelude In C Major | Prelude3 |
| 78 | Piano Sonata Op.49-2 | Sonata3 |
| 79 | Maple Leaves Ragtime | Ragtime3 |
| 80 | Chicken Pecking Ragtime | Ragtime4 |
| 81 | Gipsy Rondo | Rondo2 |
| 82 | Fountain | Fountain |
| 83 | Fur Elise | FurElise |
| 84 | Dove | Dove |
| 85 | Knight | Knight |
| 86 | Menuett G-Dur 4 | Menuett |
| 87 | Gavotte | Gavotte |
| 88 | The Entertainer | ThEntert |
| 89 | Swallow | Swallow |
| 90 | Minute Waltz | MinWaltz |

Phrase Pad List

| No. | Full Name | Short Name |
|--------------------------|---------------------------|------------|
| Keyboard Patterns | | |
| 1 | Piano Beat | PianoBt |
| 2 | Piano Arpeggio | PianoArp |
| 3 | Piano Glissando | PnoGliss |
| 4 | Latin Beat | LatinBt |
| 5 | Rock Piano | RokPiano |
| String Patterns | | |
| 6 | Electric Guitar 16Beat | EGt16Bt |
| 7 | Funk Guitar | FunkGtr |
| 8 | Electric Guitar Shuffle 1 | EGtShfl1 |
| 9 | Electric Guitar Shuffle 2 | EGtShfl2 |
| 10 | 6-8 Electric Guitar | 6-8E.Gtr |
| 11 | Rhythm Electric Guitar | RthE.Gt |
| 12 | Rock Guitar | RockGtr |
| 13 | Rhythm Steel Guitar | RthStlG |
| 14 | Steel Guitar Chord 1 | StlGCrd1 |
| 15 | Steel Guitar Chord 2 | StlGCrd2 |
| 16 | Steel Triplet | StlTrip |
| 17 | Pick Steel Guitar | PkStlGt |
| 18 | Nylon Guitar 1 | NylonGt1 |
| 19 | Nylon Guitar 2 | NylonGt2 |
| 20 | Bossa Nova Guitar | BossaGt |
| 21 | Flamenco Guitar | FlmecoGt |
| Guitar Patterns | | |
| 22 | Brilliant Strings | BrillStr |
| 23 | Strings Accomp | StAccomp |
| 24 | Classical String | ClascStr |
| 25 | Classic Strings | ClassStr |
| 26 | Orchestra Hit | OrchHit |
| 27 | Harp Arpeggio | HarpArp |
| 28 | Harp Glissando | HrpGliss |
| Brass Patterns | | |
| 29 | Big Band 1 | BigBand1 |
| 30 | Big Band 2 | BigBand2 |
| 31 | Trumpet Swing | TrpSwing |
| 32 | Brass Beat | BrassBt |
| 33 | Brass Chord 1 | BrasCrd1 |
| 34 | Brass Chord 2 | BrasCrd2 |
| 35 | Brass SFX | BrassSFX |
| 36 | Synth Brass SFX | SyBrsSFX |
| Electric Patterns | | |
| 37 | Trance 1 | Trance1 |
| 38 | Trance 2 | Trance2 |
| 39 | Techno 1 | Techno1 |
| 40 | Techno 2 | Techno2 |
| Rhythm Patterns | | |
| 41 | Latin 1 | Latin1 |
| 42 | Latin 2 | Latin2 |
| 43 | Conga & Bongo | Cnga&Bgo |
| 44 | Carnival Percussion | CarnPerc |
| 45 | Rumba | Rumba |
| 46 | Samba | Samba |
| 47 | Brush | Brush |
| 48 | Maracas & Tambourine | Mara&Tam |
| 49 | Africa | Africa |

| | | |
|-------------------------|---------------------|----------|
| 50 | Pop Percussion | PopPerc |
| 51 | Bossa Nova | BosNova |
| 52 | Salsa | Salsa |
| 53 | Reggae | Reggae |
| Dance Patterns | | |
| 54 | House | House |
| 55 | Break Beat | BreakBt |
| 56 | Hip Hop 1 | HipHop1 |
| 57 | Hip Hop 2 | HipHop2 |
| 58 | R&B | R&B |
| 59 | Snare | Snare |
| Percussion | | |
| 60 | Cymbals | Cymbals |
| 61 | Magic Bells | MagicBel |
| 62 | Arabic 1 | Arabic1 |
| 63 | Arabic 2 | Arabic2 |
| 64 | Latin Kit 1 | LatinKt1 |
| 65 | Latin Kit 2 | LatinKt2 |
| 66 | Latin Kit 3 | LatinKt3 |
| 67 | Latin Kit 4 | LatinKt4 |
| 68 | Oriental Kit | OrienKit |
| 69 | Acoustic Tom | AcousTom |
| 70 | Acoustic Snare | AcousSn |
| 71 | Crash Cymbals | CrashCym |
| 72 | Standard Kit 1 | StdKit1 |
| 73 | Standard Kit 2 | StdKit2 |
| 74 | Dance Kit | DanceKit |
| 75 | Electric Kit 1 | ElecKit1 |
| 76 | Electric Kit 2 | ElecKit2 |
| Club DJ Patterns | | |
| 77 | Club DJ 1 | ClubDJ1 |
| 78 | Club DJ 2 | ClubDJ2 |
| 79 | House DJ 1 | HouseDJ1 |
| 80 | House DJ 2 | HouseDJ2 |
| 81 | Electric House 1 | E.House1 |
| 82 | Electric House 2 | E.House2 |
| 83 | Hip Hop DJ 1 | HipHpDJ1 |
| 84 | Hip Hop DJ 2 | HipHpDJ2 |
| 85 | Electric DJ 1 | ElecDJ1 |
| 86 | Electric DJ 2 | ElecDJ2 |
| 87 | House Pad 1 | HousePd1 |
| 88 | House Pad 2 | HousePd2 |
| 89 | Electro Step 1 | ElecStp1 |
| 90 | Electro Step 2 | ElecStp2 |
| 91 | MIX DJ 1 | MIXDJ1 |
| 92 | MIX DJ 2 | MIXDJ2 |
| 93 | Progressive House 1 | ProHous1 |
| 94 | Progressive House 2 | ProHous2 |
| 95 | Club House 1 | ClbHous1 |
| 96 | Club House 2 | ClbHous2 |
| SFX | | |
| 97 | Sound Effects | SdEffect |
| 98 | Car SFX | CarSFX |
| 99 | Natural SFX 1 | NatrSFX1 |
| 100 | Natural SFX 2 | NatrSFX2 |

Insert Effect List

| No. | Type | Full Name | Short Name | Parameter |
|-----|--------------|----------------|------------|----------------|
| 1 | Reverb | Hall 1 | Hall1 | Time |
| 2 | | | | Dry/Wet |
| 3 | | Room 1 | Room1 | Time |
| 4 | | | | Dry/Wet |
| 5 | | Real Piano | RealPno | Time |
| 6 | | | | Dry/Wet |
| 7 | Tempo Delay | Tempo Delay | TempDely | Delay Time |
| 8 | | | | Dry/Wet |
| 9 | | Tempo Echo | TempEcho | Delay Time |
| 10 | Dry/Wet | | | |
| 11 | Pan Delay | Cross Delay | CrossDly | Delay Time L&R |
| 12 | | | | Dry/Wet |
| 13 | Chorus | Chorus 1 | Chorus1 | LFO Depth |
| 14 | | | | Dry/Wet |
| 15 | | Celeste | Celeste | LFO Depth |
| 16 | | | | Dry/Wet |
| 17 | | GM Rotary 2 | GM Rota2 | LFO Depth |
| 18 | | | | Dry/Wet |
| 19 | Cls Flanger | Cls Flan | LFO Depth | |
| 20 | | | Dry/Wet | |
| 21 | Rotary | D Rotary 1 | DRotary1 | Speed |
| 22 | | | | Dry/Wet |
| 23 | Phaser | Phaser 2 | Phaser2 | LFO Freq. |
| 24 | | | | Depth |
| 25 | Tempo Phaser | Tp Phaser | TpPhaser | LFO Freq. |
| 26 | | | | Depth |
| 27 | Overdrive | Overdrive | Overdriv | Drive |
| 28 | | | | Output Level |
| 29 | Amp | Solid | Solid | Drive |
| 30 | | | | Output Level |
| 31 | | Clas Amp 2 | ClasAmp2 | Drive |
| 32 | Output Level | | | |
| 33 | Distortion | Metal Dist | MetaDist | Drive |
| 34 | | | | Output Level |
| 35 | EQ | Low | Low | Low Gain |
| 36 | | | | Hi Gain |
| 37 | | Hi-Fi | Hi-Fi | Low Gain |
| 38 | | | | Hgh Gain |
| 39 | Compressor | Limiter | Limiter | Threshold |
| 40 | | | | Attack |
| 41 | | Attack | Attack | Threshold |
| 42 | | | | Attack |
| 43 | Tremolo/Pan | Cls Tremolo | ClsTremo | LFO Freq. |
| 44 | | | | AM Depth |
| 45 | Auto Wah | Auto Wah | Auto Wah | LFO Freq. |
| 46 | | | | Depth |
| 47 | Tempo Wah | Tempo Auto Wah | TpAutoWa | LFO Freq. |
| 48 | | | | Depth |

Global Effect List

| Module | | Type | Full Name | Short Name | Parameter |
|--------|-------------|-----------------|--------------|------------|------------|
| Reverb | 1 | Room | RealRoom | RealRoom | Time |
| | 2 | | RealRoom | RealRoom | HPF Cutoff |
| | 3 | | Room 1 | Room1 | Time |
| | 4 | | Room 1 | Room1 | HPF Cutoff |
| | 5 | | Room 2 | Room2 | Time |
| | 6 | | Room 2 | Room2 | HPF Cutoff |
| | 7 | Hall | Real Hall | RealHall | Time |
| | 8 | | Real Hall | RealHall | HPF Cutoff |
| | 9 | | Basic Hall | BasiHall | Time |
| | 10 | | Basic Hall | BasiHall | HPF Cutoff |
| | 11 | | Ballad Hall | BldHall | Time |
| | 12 | | Ballad Hall | BldHall | HPF Cutoff |
| | 13 | | Light Hall | L Hall | Time |
| | 14 | | Light Hall | L Hall | HPF Cutoff |
| | 15 | | Piano Hall | PnoHall | Time |
| | 16 | | Piano Hall | PnoHall | HPF Cutoff |
| | 17 | | Small Hall 1 | SmlHall1 | Time |
| | 18 | | Small Hall 1 | SmlHall1 | HPF Cutoff |
| | 19 | | Small Hall 2 | SmlHall2 | Time |
| | 20 | | Small Hall 2 | SmlHall2 | HPF Cutoff |
| | 21 | | M Hall 1 | M Hall1 | Time |
| | 22 | | M Hall 1 | M Hall1 | HPF Cutoff |
| | 23 | | M Hall 2 | M Hall2 | Time |
| | 24 | | M Hall 2 | M Hall2 | HPF Cutoff |
| | 25 | | M Hall 3 | M Hall3 | Time |
| | 26 | | M Hall 3 | M Hall3 | HPF Cutoff |
| | 27 | Classic | Standard | Standard | Time |
| | 28 | | Standard | Standard | HPF Cutoff |
| | 29 | | Clas Room 1 | ClaRoom1 | Time |
| | 30 | | Clas Room 1 | ClaRoom1 | HPF Cutoff |
| | 31 | | Clas Room 2 | ClaRoom2 | Time |
| | 32 | | Clas Room 2 | ClaRoom2 | HPF Cutoff |
| | 33 | | Clas Room 3 | ClaRoom3 | Time |
| | 34 | | Clas Room 3 | ClaRoom3 | HPF Cutoff |
| | 35 | | Clas Hall 1 | ClaHall1 | Time |
| | 36 | | Clas Hall 1 | ClaHall1 | HPF Cutoff |
| | 37 | | Clas Hall 2 | ClaHall2 | Time |
| | 38 | | Clas Hall 2 | ClaHall2 | HPF Cutoff |
| | 39 | | Clas Church | ClasChur | Time |
| | 40 | | Clas Church | ClasChur | HPF Cutoff |
| | 41 | Other | Stage 1 | Stage1 | Time |
| | 42 | | Stage 1 | Stage1 | HPF Cutoff |
| | 43 | | Stage 2 | Stage2 | Time |
| | 44 | | Stage 2 | Stage2 | HPF Cutoff |
| | 45 | | Plate 1 | Plate1 | Time |
| | 46 | | Plate 1 | Plate1 | HPF Cutoff |
| | 47 | | Plate 2 | Plate2 | Time |
| | 48 | | Plate 2 | Plate2 | HPF Cutoff |
| | 49 | | Tunnel | Tunnel | Time |
| | 50 | | Tunnel | Tunnel | HPF Cutoff |
| | 51 | | Drum Theater | DrTheate | Time |
| | 52 | | Drum Theater | DrTheate | HPF Cutoff |
| | 53 | | Drum Studio | DrStudio | Time |
| | 54 | | Drum Studio | DrStudio | HPF Cutoff |
| | 55 | Drum Garage | DrGarage | Time | |
| | 56 | Drum Garage | DrGarage | HPF Cutoff | |
| | 57 | Church | Church | Time | |
| | 58 | Church | Church | HPF Cutoff | |
| | 59 | Cave | Cave | Time | |
| | 60 | Cave | Cave | HPF Cutoff | |
| | 61 | Garage | Garage | Time | |
| | 62 | Garage | Garage | HPF Cutoff | |
| | 63 | Real Church | RealChur | Time | |
| | 64 | Real Church | RealChur | HPF Cutoff | |
| Chorus | 1 | Reverb | Room 1 | Room1 | Time |
| | 2 | | Room 1 | Room1 | HPF Cutoff |
| | 3 | | Room 2 | Room2 | Time |
| | 4 | | Room 2 | Room2 | HPF Cutoff |
| | 5 | | Room 3 | Room3 | Time |
| | 6 | | Room 3 | Room3 | HPF Cutoff |
| | 7 | | M Room 1 | M Room1 | Time |
| | 8 | | M Room 1 | M Room1 | HPF Cutoff |
| | 9 | | M Room 2 | M Room2 | Time |
| | 10 | | M Room 2 | M Room2 | HPF Cutoff |
| | 11 | | M Room 3 | M Room3 | Time |
| | 12 | | M Room 3 | M Room3 | HPF Cutoff |
| | 13 | | Real Piano | RealPno | Time |
| | 14 | | Real Piano | RealPno | HPF Cutoff |
| | 15 | | Basic Hall | BasiHall | Time |
| | 16 | | Basic Hall | BasiHall | HPF Cutoff |
| | 17 | | Ballad Hall | BldHall | Time |
| | 18 | | Ballad Hall | BldHall | HPF Cutoff |
| | 19 | | Hall 1 | Hall1 | Time |
| | 20 | | Hall 1 | Hall1 | HPF Cutoff |
| | 21 | | Hall 2 | Hall2 | Time |
| | 22 | | Hall 2 | Hall2 | HPF Cutoff |
| | 23 | | Hall 3 | Hall3 | Time |
| | 24 | | Hall 3 | Hall3 | HPF Cutoff |
| | 25 | | M Hall 1 | M Hall1 | Time |
| | 26 | | M Hall 1 | M Hall1 | HPF Cutoff |
| | 27 | | M Hall 2 | M Hall2 | Time |
| | 28 | | M Hall 2 | M Hall2 | HPF Cutoff |
| | 29 | | M Hall 3 | M Hall3 | Time |
| | 30 | | M Hall 3 | M Hall3 | HPF Cutoff |
| | 31 | | Stage 1 | Stage1 | Time |
| | 32 | | Stage 1 | Stage1 | HPF Cutoff |
| 33 | Stage 2 | Stage2 | Time | | |
| 34 | Stage 2 | Stage2 | HPF Cutoff | | |
| 35 | Opera House | Op House | Time | | |
| 36 | Opera House | Op House | HPF Cutoff | | |
| 37 | Church | Church | Time | | |
| 38 | Church | Church | HPF Cutoff | | |
| 39 | Cave | Cave | Time | | |
| 40 | Cave | Cave | HPF Cutoff | | |
| 41 | Tempo | Tempo Delay | TempDely | Delay Time | |
| 42 | | Tempo Delay | TempDely | FB Level | |
| 43 | | Tempo Echo | TempEcho | Delay Time | |
| 44 | | Tempo Echo | TempEcho | FB Level | |
| 45 | | Pan Delay | Cross Delay | CrossDly | Delay Time |
| 46 | | | Cross Delay | CrossDly | F/B Level |
| 47 | | Tempo Pan Delay | Tempo Cross | TemCross | Delay Time |
| 48 | | | Tempo Cross | TemCross | F/B Level |
| 49 | LCR Delay | LCR Delay 1 | LCR Dly1 | Main Delay | |
| 50 | | LCR Delay 1 | LCR Dly1 | F/B Level | |
| 51 | LCR Delay 2 | LCR Delay 2 | LCR Dly2 | Main Delay | |
| 52 | | LCR Delay 2 | LCR Dly2 | F/B Level | |
| 53 | LR Delay | LR Delay | LR Delay | Main Delay | |
| 54 | | LR Delay | LR Delay | F/B Level | |
| 55 | Stereo Echo | Echo | Echo | Main Delay | |
| 56 | | Echo | Echo | F/B Level | |

Global Effect List

| | | | | | |
|-----|-------------|-------------|------------|-----------|-----------|
| 57 | Chorus | Chorus 1 | Chorus1 | LFO Freq. | |
| 58 | | | | LFO Depth | |
| 59 | | Chorus 2 | Chorus2 | LFO Freq. | |
| 60 | | | | LFO Depth | |
| 61 | | Chorus 3 | Chorus3 | LFO Freq. | |
| 62 | | | | LFO Depth | |
| 63 | | Chorus 4 | Chorus4 | LFO Freq. | |
| 64 | | | | LFO Depth | |
| 65 | | GM Chorus 1 | GM Chor1 | LFO Freq. | |
| 66 | | | | LFO Depth | |
| 67 | | GM Chorus 2 | GM Chor2 | LFO Freq. | |
| 68 | | | | LFO Depth | |
| 69 | | Real Chorus | RealChor | LFO Freq. | |
| 70 | | | | LFO Depth | |
| 71 | | Celeste 1 | Celeste1 | LFO Freq. | |
| 72 | | | | LFO Depth | |
| 73 | | Celeste 2 | Celeste2 | LFO Freq. | |
| 74 | | | | LFO Depth | |
| 75 | | Flanger 1 | Flanger1 | LFO Freq. | |
| 76 | | | | LFO Depth | |
| 77 | | Flanger 2 | Flanger2 | LFO Freq. | |
| 78 | | | | LFO Depth | |
| 79 | | Flanger 3 | Flanger3 | LFO Freq. | |
| 80 | | | | LFO Depth | |
| 81 | | GM Flanger | GM Flan | LFO Freq. | |
| 82 | | | | LFO Depth | |
| 83 | | Cis Flanger | Cis Flan | LFO Freq. | |
| 84 | | | | LFO Depth | |
| 85 | | GM Rotary 1 | GM Rota1 | LFO Freq. | |
| 86 | | | | LFO Depth | |
| 87 | | GM Rotary 2 | GM Rota2 | LFO Freq. | |
| 88 | | | | LFO Depth | |
| 89 | | Rotary | D Rotary 1 | DRotary1 | Rot Speed |
| 90 | | | | | Drive |
| 91 | | | D Rotary 2 | DRotary2 | Rot Speed |
| 92 | | | | | Drive |
| 93 | | | D Rotary 3 | DRotary3 | Rot Speed |
| 94 | | Drive | | | |
| 95 | | D Rotary 4 | DRotary4 | Rot Speed | |
| 96 | | | | Drive | |
| 97 | | D Rotary 5 | DRotary5 | Rot Speed | |
| 98 | | | | Drive | |
| 99 | | Phaser | Phaser 1 | Phaser1 | LFO Freq. |
| 100 | | | | | Depth |
| 101 | | | Phaser 2 | Phaser2 | LFO Freq. |
| 102 | | | | | Depth |
| 103 | | | Phaser 3 | Phaser3 | LFO Freq. |
| 104 | | | | | Depth |
| 105 | | EP Phaser 1 | EP Phas1 | LFO Freq. | |
| 106 | | | | Depth | |
| 107 | EP Phaser 2 | EP Phas2 | LFO Freq. | | |
| 108 | | | Depth | | |
| 109 | Tp Phaser | Tp Phaser 1 | TpPhase1 | LFO Freq. | |
| 110 | | | | Depth | |
| 111 | Tp Phaser | Tp Phaser 2 | TpPhase2 | LFO Freq. | |
| 112 | | | | Depth | |

| | | | | | |
|-----|-----------------|----------------|------------|-----------|-----------|
| 113 | Tremolo/ Pan | Vibrator 1 | Vibrato1 | LFO Freq. | |
| 114 | | | | AM Depth | |
| 115 | | Vibrator 2 | Vibrato2 | LFO Freq. | |
| 116 | | | | AM Depth | |
| 117 | | Auto Wah | Auto Pan 1 | AutoPan1 | LFO Freq. |
| 118 | | | | | AM Depth |
| 119 | | | Auto Pan 2 | AutoPan2 | LFO Freq. |
| 120 | | | | | AM Depth |
| 121 | | Cis Tremolo | CisTremo | LFO Freq. | |
| 122 | | | | AM Depth | |
| 123 | Auto Wah | Auto Wah 1 | Auto Wa1 | LFO Freq. | |
| 124 | | | | Depth | |
| 125 | | Auto Wah 2 | Auto Wa2 | LFO Freq. | |
| 126 | | | | Depth | |
| 127 | Tempo Wah | Tp Auto Wah | TpAutoWa | LFO Freq. | |
| 128 | | | | Depth | |

Part Effect List

| Part Effect Category | Name | |
|----------------------|--------------|--------|
| Arpeggio - Basic | Up | |
| | Down | |
| | Alt 1 | |
| | Alt 2 | |
| | As Played | |
| | Random | |
| Harmony | Duet | |
| | Country Duet | |
| | Rock Duet | |
| | Trio | |
| | Country Trio | |
| | Full Chord | |
| | Block | |
| | 4 Close 1 | |
| | 4 Close 2 | |
| | 4 Open | |
| | Octave | |
| | 1 + 5 | |
| | Strum | |
| | Echo | Echo 4 |
| Echo 6 | | |
| Echo 8 | | |
| Echo 12 | | |
| Tremelo | Tremolo 8 | |
| | Tremolo 12 | |
| | Tremolo 16 | |
| | Tremolo 32 | |
| Trill | Trill 12 | |
| | Trill 16 | |
| | Trill 24 | |
| | Trill 32 | |

Chord List

| Chord Name | Abbreviation | Normal Voicing | Display for root "C" |
|-----------------------------------|--------------|-------------------|----------------------|
| Major | M | 1+3+5 | C |
| Sixth | 6 | 1+(3)+5+6 | C6 |
| Major seventh | M7 | 1+3+(5)+7 | CM7 |
| Major seventh add sharp eleventh | M7(#11) | 1+(2)+3+#4+5+7 | CM7(#11) |
| Add ninth | (9) | 1+2+3+5 | C(9) |
| Major seventh ninth | M7(9) | 1+2+3+(5)+7 | CM7(9) |
| Sixth ninth | 6(9) | 1+2+3+(5)+6 | C6(9) |
| Augmented | aug | 1+3+#5 | Caug |
| Minor | m | 1+b3+5 | Cm |
| Minor sixth | m6 | 1+b3+5+6 | Cm6 |
| Minor seventh | m7 | 1+b3+(5)+b7 | Cm7 |
| Minor seventh flatted fifth | m7b5 | 1+b3+b5+b7 | Cm7b5 |
| Minor add ninth | m(9) | 1+2+b3+5 | Cm(9) |
| Minor seventh ninth | m7(9) | 1+2+b3+(5)+b7 | Cm7(9) |
| Minor seventh eleventh | m7(11) | 1+(2)+b3+4+5+(b7) | Cm7(11) |
| Minor major seventh | mM7 | 1+b3+(5)+7 | CmM7 |
| Minor major seventh ninth | mM7(9) | 1+2+b3+(5)+7 | CmM7(9) |
| Diminished | dim | 1+b3+b5 | Cdim |
| Diminished seventh | dim7 | 1+b3+b5+6 | Cdim7 |
| Seventh | 7 | 1+3+(5)+b7 | C7 |
| Seventh suspended fourth | 7sus4 | 1+4+5+b7 | C7sus4 |
| Seventh flatted fifth | 7b5 | 1+3+b5+b7 | C7b5 |
| Seventh ninth | 7(9) | 1+2+3+(5)+b7 | C7(9) |
| Seventh add sharp eleventh | 7(#11) | 1+(2)+3+#4+5+b7 | C7(#11) |
| Seventh add thirteenth | 7(13) | 1+3+(5)+6+b7 | C7(13) |
| Seventh flatted ninth | 7(b9) | 1+b2+3+(5)+b7 | C7(b9) |
| Seventh add flatted thirteenth | 7(b13) | 1+3+5+b6+b7 | C7(b13) |
| Seventh sharp ninth | 7(#9) | 1+#2+3+(5)+b7 | C7(#9) |
| Major seventh augmented | M7aug | 1+(3)+#5+7 | CM7aug |
| Seventh augmented | 7aug | 1+3+#5+b7 | C7aug |
| Suspended fourth | sus4 | 1+4+5 | Csus4 |
| One plus two plus five | sus2 | 1+2+5 | Csus2 |
| Flatted Fifth | b5 | 1+3+b5 | Cb5 |
| Major seventh flatted fifth | M7(b5) | 1+3+b5+7 | CM7b5 |
| Minor major seventh flatted fifth | mM7(b5) | 1+b3+b5+7 | CmM7(b5) |
| 1+8 | 1+8 | 1+8 | C1+8 |
| 1+5 | 1+5 | 1+5 | C1+5 |
| Cancel | / | 1+b2+2 | Cancel |
| Cancel2 | / | 1+b2+2+b3 | Cancel/C |

MIDI Implementation Chart

| Function | | Transmitted | Recognized | Remarks |
|------------------|--|--|---|---|
| Basic Channel | Default Changed | 1ch 1-16ch | All 1-16ch | |
| Mode | Default Messages Altered | x x ***** | 3 o x | |
| Note Number | Note : True Voice | 0-127 ***** | 0-127 0-127 | |
| Velocity | Note on Note off | o 9nH,V=1-127 o (9nH,V=0) | o 9nH,V=1-127 o (9nH,V=0; 8nH,V=0-127) | |
| After Touch | key's Ch's | x x | x x | |
| Pitch Bend | | x | o | |
| Control Change | 0 1 5 6 7 10 11 64 65 66 67 80 81 91 93 120 121 123 | o o x o o x x o x o o o o o o o x o | o o o o o o o o o o o o o o o x o | Bank Select Modulation Portamento Time Data Entry Volume Pan Expression Sustain Pedal Portamento On/Off Sostenuto Pedal Soft Pedal Reverb Program Chorus Program Reverb Level Chorus Level All Sound Off Reset All Controllers All Notes Off |
| Program Change | : True Number | o ***** | o 0-127 | |
| System Exclusive | | x | o | |
| System Common | : Song Position : Song Select : Tune | x x x | x x x | |
| System Real Time | : Clock : Commands | o x | x x | |
| Aux Messages | : Local On/Off : Active sense : Reset | x x x | x o o | |
| Notes: | | | | |

- Mode 1: OMNI ON, POLY
- Mode 2: OMNI ON, MONO

- Mode 3: OMNI OFF, POLY
- Mode 4: OMNI OFF, MONO

- o: YES
- x: NO

