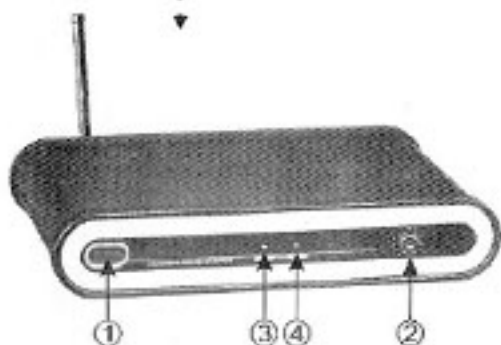


OPERATING MANUAL

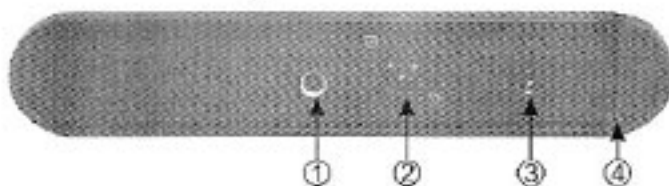
Receiver

Front Panel



- ① Power switch
- ② Volume control
- ③ RF-A
- ④ AF-A

Rear Panel

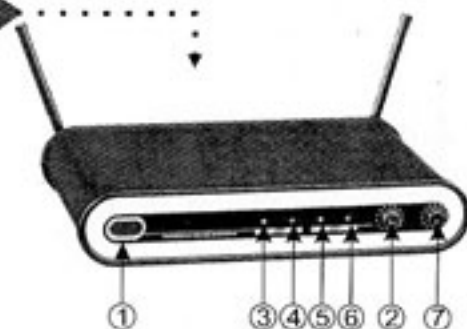


- ① Unbalance audio output
- ② Balance audio output
- ③ DC power jack
- ④ Antenna

OPERATING MANUAL

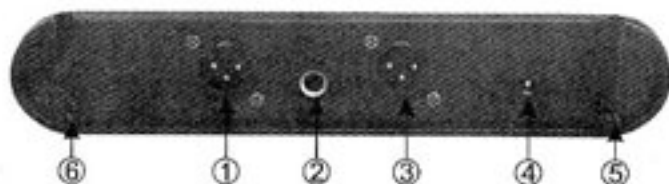
Receiver

Front Panel



- | | |
|--------------------|--------------------|
| ① Power switch | ⑤ AF-B |
| ② Volume control A | ⑥ RF-B |
| ③ RF-A | ⑦ Volume control B |
| ④ AF-A | |

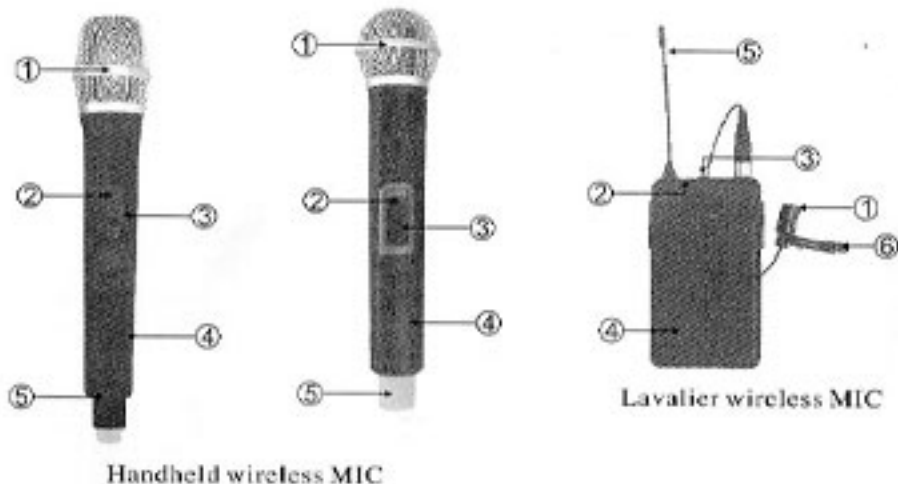
Rear Panel



- | | |
|---------------------------|------------------|
| ① Balance audio output A | ④ DC power jack. |
| ② Unbalance audio output | ⑤ Antenna A |
| ③ Balance audio output B. | ⑥ Antenna B |

Transmitter

Optional Transmitter



- | | |
|-----------------------|------------------------|
| ① Cartridge module | ④ Battery cover |
| ② Operating indicator | ⑤ Transmission antenna |
| ③ Power switch | ⑥ Clip |

Note : when the operating indicator lights up red, it means that the battery is low, when it light up green, it means that the battery is good, when there is no light, it means the microphone is off.

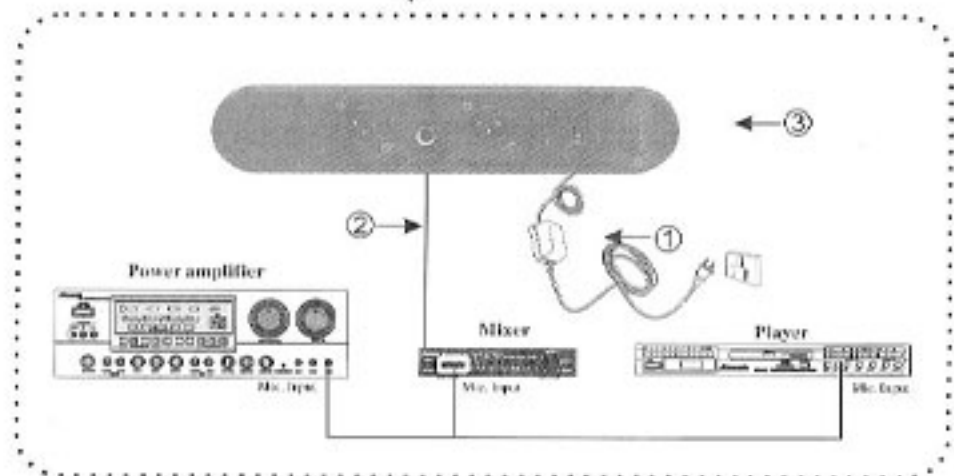
Operation:

- 1) Install batteries.
- 2) Turn on microphone by pushing the switch towards the ON position.
- 3) After you are done singing, push the switch to the OFF position.
- 4) If you are not going to use the microphone for a long period of time, turn off the microphone and pull out the batteries to avoid deterioration and damage toward the components.

OPERATING MANUAL

Receiver

Installation



- ① Connect the DC POWER ADAPTER to the receiver's DC INPUT 110V/220V, then plug the other end of DC POWER ADAPTER into the WALL OUTLET.
- ② Connect one end of a " TO 1/4" CABLE to the receiver's UNBALANCE AUDIO OUTPUT (MIX) and the other end to a karaoke mixer, karaoke player or karaoke power amplifier " microphone input. If you are using the BALANCE AUDIO OUTPUT, use a XLR to XLR cable or XLR to " cable.
- ③ Install the antenna into each antenna socket on rear panel, then fasten the antenna towards the right side till the antenna is vertical with ground.
- ④ Push/Open the microphones handle/bodypack cover to check to see if there are batteries. If not, install the batteries into the microphones with the negative and positive end of the battery correspond the negative and positive end of the microphone. Push/Close the microphone handle/bodypack back on.

OPERATING MANUAL

Parameter

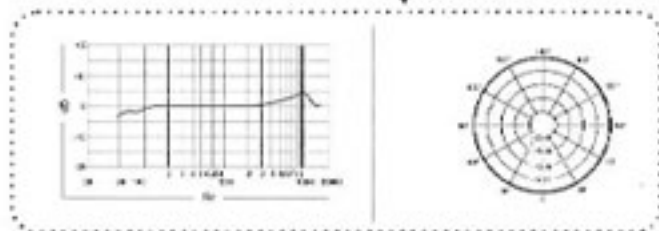
Receiver

Carrier Wave Frequency Range	UHF 614-698MHz 740-900MHz
Oscillation Mode	Quartz Controlled Fixed Frequency
Carrier Wave Stability	10PPM
Sensitivity	-105dB @ $\text{sim}\phi=12\text{dB}$
S/N Ratio	>105dB
T.H.D.	<0.5% @ 1KHz
Image Rejection	85dB typical
Spurious Rejection	75dB typical
Frequency Responses	40Hz-18KHz
Working Distance	200 feet
Squelch Control	dual-squelch circuit
AF Output Impedance	2.2K Ω
Max. Output Level	Balance : 0-400mv, Unbalance : 0-200mv
Display	LED
Power Supply	External DC Power Supply, 0.35A, 12-18V DC
Output Connector	XLR Balanced Socket; Unbalance TRS ϕ 6.35mm Socket
Dimensions (m/m)	206(L) \times 41(H) \times 130(D)

Transmitter

Transmitter Power	30mW
Spurious Emission	<40dB (with carrier)
Display	LED
Battery Voltage	1.5V \times 2
Battery Life	10 hours

Frequency Response



OPERATING MANUAL

Troubleshooting

Troubleshooting

Problem	Possible cause	Solution
Receiver No sound; No lights	<ul style="list-style-type: none">● Power button is on the OFF position● DC power adapter is not plug in● Poor connection of DC power adapter	<ul style="list-style-type: none">● Turn on the power button● Plug in the DC power adapter● Check to see if the DC power adapter is loose. Check on the receiver end and wall outlet end
Microphone No sound; Lights on	<ul style="list-style-type: none">● The transmitter is out of range● Microphone switch is off● Microphone volume is turn down● Batteries in the microphone are not install properly● Receiver is not connect to an amplifier, mixer or karaoke player	<ul style="list-style-type: none">● Operate the machine in the effective range● Turn on the microphone switch● Turn on the microphone volume● Reinstall the batteries. Make sure the positive and negative end are install correctly● Connect the 1/4 to 1/4 cable from the receiver to a microphone input (mixer, player, etc.)
Distorted sound; feedback	<ul style="list-style-type: none">● The two microphones are too close together● Batteries running low in microphone● Microphone volume is too high● Distortion from other electric wave	<ul style="list-style-type: none">● Separate the microphone further away● Replace the batteries● Reduce the volume of the microphone● Move the receiver away from electric equipment

Packing Included

Parts checklist	Quantity
Receiver	1
Antenna	1/2
Handheld microphone	1/2
Male to male 1/4 cable	1
DC power adapter	1
Normal AA battery	2/4
User manual	1