

SMS SERIES

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Make yourself heard !

BI-POWERED SPEAKERS



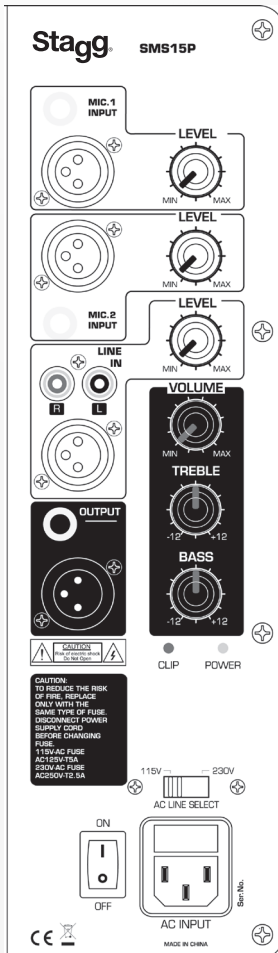
SMS15P

SMS12P

SMS10P

SMS8P

STAGG SMS15P



Stagg SMS series powered speakers with integral mixer section are designed as multi purpose tools with output powers ranging from true 90 to 220 Watts RMS, making them ideal as stand alone (mini) PA systems or as part of larger amplification systems when connected to a mixing console, additional powered speaker(s) or any other PA equipment. Stagg SMS8P/10P/12P and 15P models are bi-amplified models featuring an electronic crossover and two separate output power stages, one driving a powerful 8", 10", 12" or 15" Woofer to thoroughly reproduce low and mid end frequencies, the second one linked to a compression horn tweeter for accurate high end frequencies reproduction.



SPS50-ST LFT BK

PASSIVE SPEAKERS



SMS15

SMS12

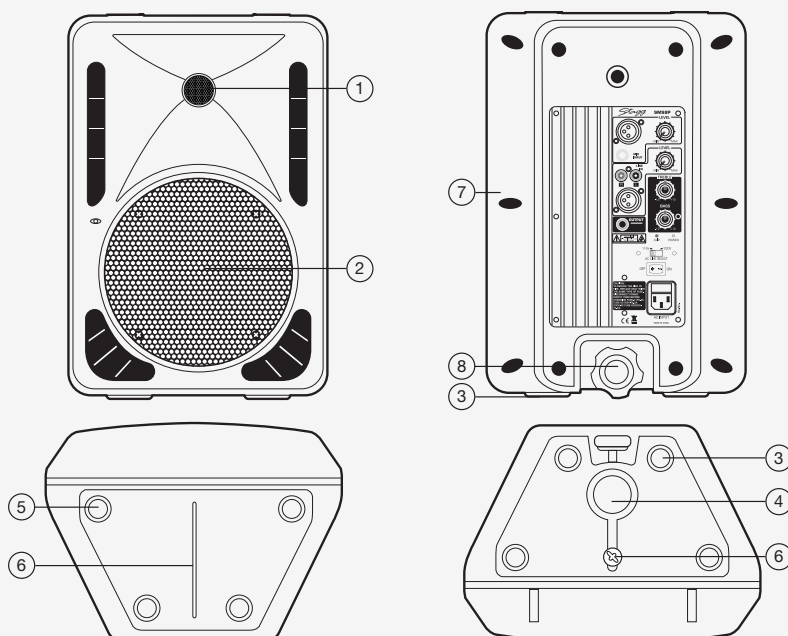
SMS10

SMS8

SMS SERIES

BI-POWERED SPEAKERS

Powered Speaker Model	SMS8P	SMS10P	SMS12P	SMS15P
Max. Rated Power	90W RMS	160W RMS	200W RMS	220W RMS
Amplifier System	Bi-Amp	Bi-Amp	Bi-Amp	Bi-Amp
Woofer (Ø/ P/ Z)	8" (20cm)/ 70W/ 4Ω	10" (25cm)/ 115W/ 4Ω	12" (30cm)/ 215W/ 4Ω	15" (38 cm)/250W/ 4Ω
Ferrite Driver (Voice Coil Size/Magnet Weight)	38mm (1.5")/ 30oz (850g)	50mm (2")/ 40oz (1.13kg)	65.5mm (2.4")/ 50oz (1.4kg)	75mm (3")/60oz (1.7kg)
	Steel frame	Steel frame	Steel frame	Steel frame
Compression Horn Tweeter				
Titanium Diaphragm (Ø/ P/ Z)	25mm (1")/ 30W/ 8Ω	34mm (1.3")/ 35W/ 8Ω	34mm (1.3")/ 35W/ 8Ω	44mm (1.7")/ 50W/ 8Ω
Cross-over	Electronic	Electronic	Electronic	Electronic
Frequency Response (@ -3dB)	50Hz to 20kHz	50 Hz to 20kHz	45 Hz to 20kHz	40Hz to 20kHz
Total Harmonic Distortion	0.2% THD	0.3% THD	0.3% THD	0.3% THD
Signal to Noise Ratio (@ max Rated Power)	-97dB	-96dB	-94dB	-94.5dB
MIC Channel Inputs				
Balanced XLR Impedance	1.2kΩ	1.2kΩ	1.2kΩ	1.2kΩ
Sensitivity	4.5mV	2.5mV	2.5mV	4mV
Stereo Jack Impedance	1.2kΩ	1.2kΩ	1.2kΩ	1.2kΩ
Sensitivity	4.5mV	2.5mV	2.5mV	4mV
LINE Channel Inputs				
L + R Cinch Impedance	52kΩ	55kΩ	52kΩ	55kΩ
Sensitivity	120mV	56mV	56mV	150mV
Balanced XLR Impedance	10kΩ	10kΩ	10kΩ	10kΩ
Sensitivity	130mV	60mV	60mV	170mV
EQ Section Bass /Treble	± 12dB	± 12dB	± 12dB	± 12dB
Line Output (@ 1 kHz) Impedance	2kΩ	2kΩ	2kΩ	2kΩ
Max Gain	+9.5dB	+7dB	+6.5dB	+10dB
Max level	3V	2.4V	2V	3V
Maximum Input Level (before clip)	120mV	60mV	60mV	160mV
Sound Pressure Level (@ 1kHz)				
(or Sensitivity in dB for 1W Power @ 1m)	92dB 1W@1m	94.5dB 1W@1m	96.5dB 1W@1m	97.5dB 1W@1m
Mains Power Consumption	200W	352W	445W	490W
Mains Power Fuse (110V-130V/ 60Hz)	T 2.5A	T 3.15A	T 3.15A	T 5.0A
Mains Power Fuse (220V-240V/ 50Hz)	T 1.0A	T 1.6A	T 2.0A	T 2.5A
Dimensions (H x L x P)	38.5 x 28 x 22cm	47 x 34.5 x 27cm	55.5 x 40 x 31.5cm	66.5 x 44.5 x 40cm
Dimensions (H x W x D)	15.2 x 11 x 8.7in	18.5 x 13.6 x 10.6in	21.9 x 15.7 x 12.4in	26.2 x 17.5 x 15.7in
Weight	8.5kg/ 18.7lbs	13.7kg/ 30.2lbs	18.3kg/ 40.3lbs	25.4kg/ 56lbs



MECHANICAL FEATURES

Each Stagg SMS series powered speaker features a sturdy compression horn tweeter with wide Titanium diaphragm (1), a rugged, woofer with heavy Ferrite magnet and large voice coil, protected by a resistant, metallic grille (2), all housed in a heavy-duty ABS nylon fibre cabinet with built-in pole mount socket (4) with locking screw (8) for use with a tripod-style stand, rubber feet (3) on the bottom for portable applications, corresponding stacking notches (5) for stacking purposes and rigging points (6) on the top, bottom, and rear of the cabinet for permanent and flight installations, and integral, ergonomic carrying handle (7) for easy transportation.

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POWERED SPEAKERS + MP3/LCD



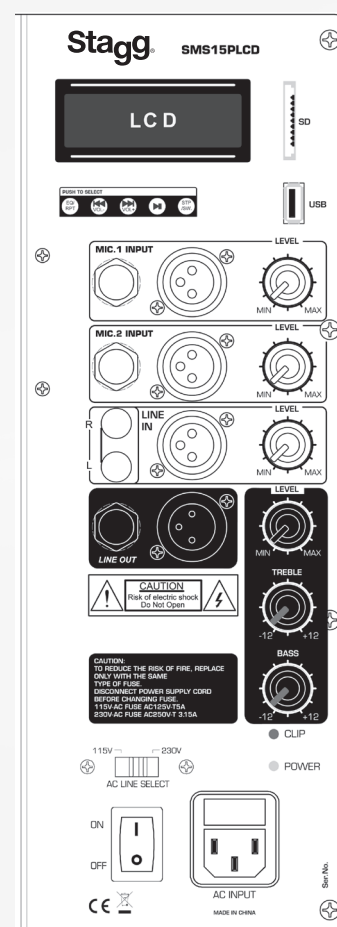
SMS15PLCD

SMS12PLCD

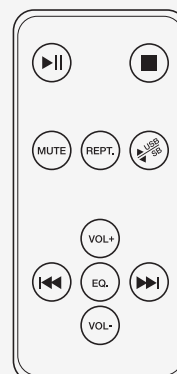
Powered Speaker Model	SMS12PLCD	SMS15PLCD
Max. Rated Power	180W RMS	200W RMS
Amplifier System	Mono Amp	Mono Amp
Woofer (Ø/ P/ Z)	12" (30 cm)/215W/ 4Ω	15" (38 cm)/250W/ 4Ω
Ferrite Driver (Voice Coil Size/Magnet Weight)	65.5mm (2.4")/50oz (1.4kg)	75.5mm (3")/60oz (1.7kg)
	Steel frame	Steel frame
Compression Horn Tweeter		
Titanium Diaphragm (Ø/ P/ Z)	34mm (1.3")/ 35W/ 8Ω	44mm (1.7")/ 50W/ 8Ω
Cross-over	Passive	Passive
Frequency Response (@ -3dB)	45Hz to 20kHz	40Hz to 20kHz
Total Harmonic Distortion	0.3% THD	0.3% THD
Signal to Noise Ratio (@ max Rated Power)	-95dB	-94.5dB
MIC Channel Inputs		
Balanced XLR Impedance	1.2kΩ	1.2kΩ
Sensitivity	2.5mV	4mV
Stereo Jack Impedance	1.2kΩ	1.2kΩ
Sensitivity	2.5mV	4mV
LINE Channel Inputs		
L + R Cinch Impedance	52kΩ	55kΩ
Sensitivity	56mV	150mV
Balanced XLR Impedance	10kΩ	10kΩ
Sensitivity	60mV	170mV
EQ Section Bass /Treble	± 12dB	± 12dB
Line Output (@ 1 kHz) Impedance	2kΩ	2kΩ
Max Gain	+6.5dB	+10dB
Max level	2V	3V
Maximum Input Level (before clip)	60mV	160mV
Sound Pressure Level (@ 1kHz)		
(or Sensitivity in dB for 1W Power @ 1m)	96.5dB 1W@1m	97.5dB 1W@1m
Mains Power Consumption	400W	445W
Mains Power Fuse (110V-130V/ 60Hz)	T 3.15A	T 5.0A
Mains Power Fuse (220V-240V/ 50Hz)	T 2.5A	T 3.15A
Dimensions (H x L x P)	55.5 x 40 x 31.5cm	66.5 x 44.5 x 40cm
Dimensions (H x W x D)	21.9 x 15.7 x 12.4in	26.2 x 17.5 x 15.7in
Weight	18.3kg/ 40.3lbs	25.4kg/ 56lbs

Stagg SMS12PLCD and 15PLCD models are active speaker cabinets equipped with one mono, large band, power amplifier combined to a passive cross-over that splits the audio signal range in two separate ways: one to the 12" or 15" Woofer for the low and medium frequencies, the other one to the compression horn tweeter for the high frequencies. They also come with a built-in MP3 player section including USB and SD card inputs, LC Display, front selectable push switches and remote control.

STAGG SMS15PLCD



With REMOTE CONTROL



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Let's get digital...

digital bi-amplified **SPEAKERS**



Model	SMS12DP700	SMS12DP700LCD	SMS15DP760	SMS15DP760LCD
Power type	Classe D Bi-Amplified	Classe D Bi-Amplified	Classe D Bi-Amplified	Classe D Bi-Amplified
Power (RMS)	300W (woofer) + 60W (tweeter)	300W (woofer) + 60W (tweeter)	300W (woofer) + 80W (tweeter)	300W (woofer) + 80W (tweeter)
Impedance	8Ω	8Ω	8Ω	8Ω
Compression tweeter	Titanium dome drive, 1.35"/34mm	Titanium dome drive, 1.35"/34mm	Titanium dome drive, 1.75"/44mm	Titanium dome drive, 1.75"/44mm
Woofer	12" (65mm voice coil/50oz. magnet)	12" (65mm voice coil/50oz. magnet)	15" (75mm voice coil/60oz. magnet)	15" (75mm voice coil/60oz. magnet)
Frequency response	50Hz - 20kHz	50Hz - 20kHz	40Hz - 20kHz	40Hz - 20kHz
Sensitivity	98dB	98dB	98dB	98dB
USB/SD/MMC reader	NO	YES	NO	YES
Weight	14.5kg	14.5kg	19.8kg	19.8kg
Dimensions (H x W x D)	625 x 435 x 380 mm	625 x 435 x 380 mm	760 x 490 x 425mm	760 x 490 x 425mm

LCD model



Drawing on the success of the Bi-Amplified SMS active loudspeaker range, the new and improved SMS DP Digital Bi-Amp series takes them to a whole new level. We used a brand-new Philips Class-D digital amplifier for a lower weight and even better sound quality, added multiple handles and wheels for easier transport and made a complete redesign of the housing for a better bass response and lower weight.

M10 suspension points make this speaker a perfect companion for fixed installations, but it feels just as well at home on stage with its slanted sides for use as stage monitor.

Both 12" and 15" models have an optional built-in MP3 player with USB and SD/MMC slot, making them an ideal solution for practicing musicians. Direct inputs for microphone and line sources (XLR and RCA) with separate level control allow the user to sing to a backing track from an SD card with a friend playing digital drums through the same speakers.

