5 Zone DAB Mixer Amplifier Bluetooth/USB
SP-5120DAB(120W), SP-5240DAB(240W), SP-5350DAB(350W)

Description:

These SURPASS 5 Zone DAB Mixer Amplifier SP-5120DAB(120W), SP-5240DAB(240W) and SP-5350DAB(350W) are designed as convenient solution which accommodates different kinds of audio sources including USB/Mp3-player, Bluetooth-receiver and a tuner receiver supporting AM/FM(RDS)/DAB+(DAB).

This series of PA amplifiers also possess two groups of AUX inputs, one group of AUX outputs, and five microphone inputs, the MIC1 input overrides other audio sources. A digital screen displays the working status of playing program, which can be controlled by the front panel buttons or the remote control.

Built-in CHIME and SIREN circuitry with individual control on front panel. 120W/240W/350W of amplifier power are available. Featured an industry leading 5 zoned 70V or 100V load and 4Ω or 8Ω solutions provide an audio output to 5 different zones within the venue, each zone has its own separate switch on/off manually operated on front panel.

All units feature protections against operation under quite severe misuse such as over temperature over voltage, over load and short circuit speaker line conditions. Widely used in the small to medium distributed speaker systems for PA, paging, or background music.

Feature:

- 5 Zone DAB Mixer amplifier for paging and background music system.
- Ideal for small to medium PA installations such as coffee shops, classrooms, retail store, restaurants.
- Rate power output at 120W/240W/350W.
- Built-in DAB+/FM(RDS)Antenna, Bluetooth receiver and USB player.
- Compatible media: USB, Bluetooth, FM(RDS), DAB+(DAB), Aux In.
- 5 Zones 70V or 100V and 4Ω-8Ω speaker outputs with separate switch ON/OFF.
- Five 48V Phantom Power microphone jacks, and Four 6.35mm microphone jacks.
- 2 groups of AUX inputs, 1 group of AUX outputs.
- Mic 1 has priority over other inputs.
- Built-in Chime and Siren circuitry with push-button and volume control.
- Versatile sources and buttons options.
- IR remote control for Mp3 player.
- 9 Individual volume control knobs for MIC1-4, MIC5/AUX2, AUX1, and master, bass, treble.
- 8 individual LED indicators for POWER/CLIP/PROTECTION and different levels of SIGNAL.
- SMT circuit boards with highly stable performance.
- Powerful amplifier tubes.
- High-definition display for the working status of playing programme.
- Compete protection for output short circuit, overload, high temperature, peak current limiters.
- Removable rack mounting brackets supplied.
- Package Contents: Amplifier, User Manual, Remote Control, DAB+/FM(RDS)Antenna, Bluetooth Antenna, Audio Cable (RCA), AC Power Cord, Rack Ears.

Specification:

Model	SP-5120DAB	SP-5240DAB	SP-5250DAB
Description	5 Zone DAB Mixer Amplifier		
Rated Power Output	120W	240W	350W
Speaker Output	Low Impedance: 4Ω and 8Ω		
	Voltage Line: 70V and 100V		
Media Source	USB, Bluetooth, FM(RDS), DAB+(DAB), Aux In		
Playable Format	Mp3, WAV		
Bluetooth	5.0 Version		
Tuner Frequency Range	FM(RDS): 87.50 - 108.00 MHz		
	DAB+(DAB): 87.50 - 108.00 MHz		
Tone Adjustment Range	BASS: 100Hz (± 10dB), TREBLE: 10KHz (± 10dB)		
Frequency Response	60Hz ~ 15KHz (±3dB)		
S/N Ratio	≥75dB		
T.H.D	< 0.1% at 1kHz, 1/3 rated power		
MIC Input	MIC1/MIC2/MIC3/MIC4/MIC5: unbalanced 6.35mm jack		
	MIC1/MIC2/MIC3/MIC4: balanced XLR jack		
AUX 1 Input	RCA(L&R) x 1		
AUX 2 Input	TUNER-RCA (L&R) x 1, CD-RCA (L&R) x 1, 6.35mm jack x 1		
Line Output	LINE-RCA (L&R) x 1, RECORD-RCA (L&R) x 1		
AC FUSE	T2A	T4A	T6A
Protection	short-circuit, overload and high temp protection		
Power Supply	AC 220~240V/50-60Hz		
Power Consumption	185W	350W	485W
Power Cord	(3 x 0.75mm²) x 1.5M (standard)		
Net Weight	9.0 KG/pcs	11.8 KG/pcs	14.3 KG/pcs
Product Dimension	89 (H) x 430 (W) x 340 (D) mm		
Gross Weight	10.5 KG/pcs	13.3 KG/pcs	15.8 KG/pcs
Package Size	185 (H) x 520 (W) x 435 (D) mm, 1pcs/ctn		

Rear Panel: