

# DAB Mixer Amplifier Bluetooth/USB, 60W & 120W SP-60DAB, SP-120DAB



## Description:

These SURPASS DAB Mixer Amplifier SP-60DAB(60W) and SP-120DAB(120W) 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 one Aux input for adding additional audio source device, and one Line output for adding additional amplifier, and two microphone inputs, the MIC 1 input overrides the 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.

These digital Class-D amplifiers enjoy outstanding feature of high efficiency with 60W and 120W available, with either 70/100-volt or 4 to 16 ohms( $\Omega$ )output loads.

Complete protections provided for output short circuit, overload, high temperature, peak output level.

Widely used in the small to medium distributed speaker systems for PA, paging, or background music.

## Feature:

- Tabletop Mini size compact 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 60W and 120W Digital Class-D amplifier.
- Built-in DAB+/FM(RDS)Antenna, Bluetooth receiver and USB player.
- Compatible media: USB, Bluetooth, FM(RDS), DAB+(DAB), Aux In.
- Speaker output of 100V & 70V and 4 $\Omega$ -16 $\Omega$ .
- 2 microphone MIC1 MIC2 jacks support unbalanced 6.35mm, 1 AUX In & 1 Line Out.
- Versatile sources and buttons options.
- IR remote control for Mp3 player.
- Individual volume controller for MIC1 MIC2 , and master, bass, treble.
- 3 individual LED indicator for POWER/SIGNAL/PROTECTION
- 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.
- Package Contents: Amplifier, User Manual, Remote Control, DAB+/FM(RDS)Antenna, Bluetooth Antenna, Audio Cable (RCA), AC Power Cord

**Specification:**

Model	SP-60DAB	SP-120DAB
<b>Description</b>	DAB Mixer Amplifier	
<b>Rated Power Output</b>	60W	120W
<b>Speaker Output</b>	Low Impedance: 4Ω-16Ω	
	60W	Voltage Line: 70V(51ohms), 100V(167ohms)
	120W	Voltage Line: 70V(41ohms), 100V(83ohms)
<b>Media Source</b>	USB, Bluetooth, FM(RDS), DAB+(DAB), Aux In	
<b>Playable Format</b>	Mp3, WAV	
<b>Bluetooth</b>	5.0 Version	
<b>Tuner Frequency Range</b>	FM(RDS): 87.50 - 108.00 MHz DAB+(DAB): 87.50 - 108.00 MHz	
<b>Tone Adjustment Range</b>	BASS: 100Hz (± 10dB), TREBLE: 12KHz (± 10dB)	
<b>Frequency Response</b>	60Hz ~ 15KHz (±3dB)	
<b>S/N Ratio</b>	AUX: 85dB, MIC: >72dB	
<b>THD</b>	< 0.5% at 1kHz, 1/3 rated power	
<b>MIC Input</b>	MIC1/MIC2: 600Ω 5-10mV unbalanced	
<b>AUX Input</b>	AUX: 10KΩ 150-470mV unbalanced	
<b>Line Output</b>	0.775V (0dB)	
<b>Protection</b>	AC FUSE T3.15A short-circuit, overload and high temp protection	
<b>Power Supply</b>	AC 100~240V/50-60Hz	
<b>Power Consumption</b>	84W	168W
<b>Power Cord</b>	(3 x 0.5mm <sup>2</sup> ) x 1.5M (standard)	
<b>Net Weight</b>	2.9 KG/pcs	3.6 KG/pcs
<b>Product Dimension</b>	72 (H) x 305 (W) x 275 (D) mm	
<b>Gross Weight</b>	3.9 KG/pcs	4.6 KG/pcs
<b>Package Size</b>	140 (H) x 350 (W) x 350 (D) mm, 1pcs/ctn	

**Rear Panel:**

