

D7801 D7802

Professional Line Array Speaker System



Description

The D7801 is a compact two-way loudspeaker system with an aluminum enclosure. It features four 3.5-inch European imported midrange drivers and a 0.75-inch throat, Ø25mm voice coil neodymium magnetic compression driver mounted on a 100° x 40° constant directivity horn speaker. The D7801 delivers clear and delicate sound, offering high sound pressure levels despite its small size.

The D7802 is an active loudspeaker system designed to complement the low frequencies of the D7801. It comprises a single 14-inch high-efficiency driver. The front of the D7802 has three compartments, allowing it to accommodate the D7801 speakers and their accessories. The back of the D7802 is equipped with wheels, enabling easy transport by tilting the speaker cabinet.

The D7802 includes a built-in two-channel digital amplifier module, capable of driving one D7802 and two D7801 speakers. Sound tuning is managed by a one-input, two-output DSP digital audio processing module, which can be connected to a computer via RJ45 for system parameter adjustments.

This system is ideal for small mobile performances, stadiums, theaters, bars, banquet halls, and other similar venues.

Features

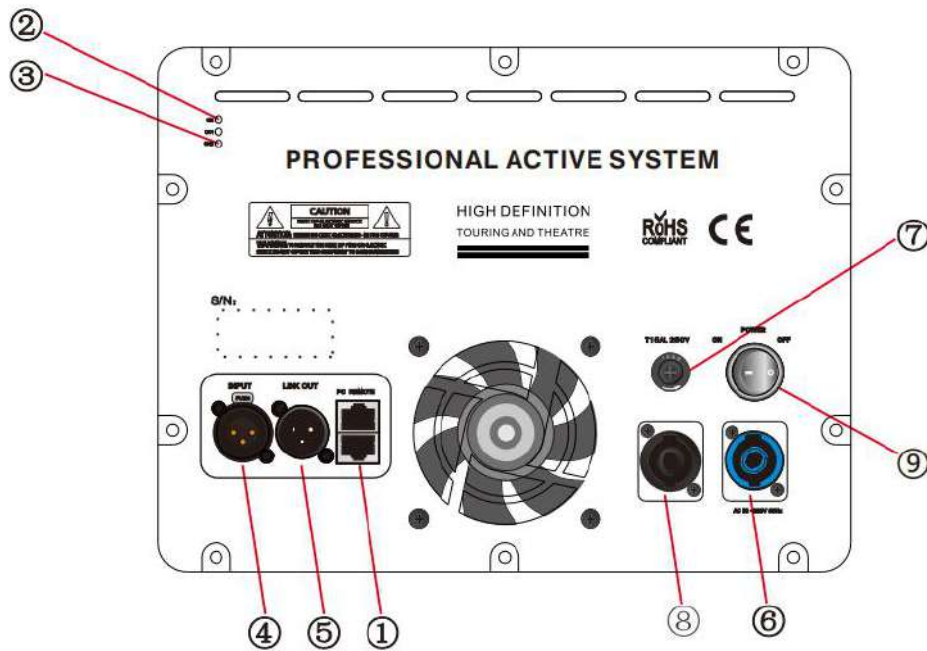
- Compact line array speaker system with built-in processor (DSP).
- Small in size, light in weight and highly mobile.
- Integrated design for extremely easy installation and use.
- Durable surface treatment with all-aluminum hanging accessories.

Specifications

Model	D7801
Rated Power	180W
Type	Compact Two-way Line Array Speaker
Sensitivity	MF:96dB/HF:110dB
Max. SPL	MF:121 dB/HF:132dB
Frequency Response (± 6 dB)	140 Hz - 20000 Hz
Diffusion Angle (H x V)	100° x 40° , single unit
Unit Composition	LF: 4 x 3.5" Mf - 1" v.c. HF: 1 x 1" driver
Interface	2x Speakon-socket(4-pin)
Product Size(W x H x D)	101x114x460 mm
Net Weight	3 kg

Model	D7802
Rated Power	350W
Type	Active Subwoofer System with Processor
Max. SPL	126 dB
Frequency Response (± 6 dB)	40 Hz - 500 Hz
Unit Composition	1 x 14" 350W driver
Amplifier Input Sensitivity	Nominal 0 dBu
Signal Input	1 x XLR (Audio Input)
Signal Output	1x XLR (Audio Link Out)
DSP Control	1 x DSP setup rotary switch (10 presets)
Amplifier Type	Class-D
Amplifier Output Power	800W +500W @4ohm
Working Voltage	100~240V 50Hz/60Hz
Input Sensitivity	0.775v
Power Interface	Powercon® input (blue) Powercon® Link (white)
Product Dimension (W x H x D)	396 x 500 x 553 mm
Weight	29 kg

D7802 Amplifier Panel



- ① Control Interface: Connects to a computer via RJ45.
- ② Channel Signal Indicator: Green indicates signal presence, red flashing indicates signal overload.
- ③ Power Indicator: Green indicates normal operation, red indicates protection mode.
- ④ Signal Input: XLR signal input (Pin 1: Ground, Pin 2: +, Pin 3: -).
- ⑤ Signal Output: XLR passthrough output (Pin 1: Ground, Pin 2: +, Pin 3: -)
- ⑥ Power Input: AC 220V, 50Hz/60Hz.
- ⑦ Fuse:15A
- ⑧ This mount is connected in parallel with the top mount for CH2 power output: Use the dedicated 2-core cable to connect to the D7801, with a maximum of two D7801 speakers that can be connected in parallel.
- ⑨ Power Switch: ON for power on, OFF for power off.

System Assembly Instructions

Steps:

1. Remove Components (Fig. a)

Take out the column speakers and accessory pack from the bass cabinet.

2. Install D7803 Support Rod (Fig. b)

Screw the D7803 support rod into the M20 hole on the top of the bass cabinet.

3. Mount the First Column Speaker

Place the first column speaker onto the support rod. Attach the D7801 sliding block to the upper rear of the column speaker and tighten the screws.

4. Mount the Second Column Speaker

Invert the second column speaker (with the horn facing downward) and insert it into the D7801 sliding block. Tighten the screws.

5. Connect Long Jumper Cable

Connect the long jumper cable from the top of the bass cabinet to the first column speaker.

6. Connect Short Jumper Cable

Connect the short jumper cable from the first column speaker to the second column speaker.

