

DSP395

IP Directional Flat Speaker System



IP Directional Focused Flat Speaker DSP395T



IP Directional Sound Flat Audio Player DSP395U

Description

The DSP395 IP Directional Flat Speaker System, based on ultrasonic directional propagation characteristics, utilizes advanced digital signal processing technology. It modulates sound signals into ultrasonic waves and uses an ultrasonic transducer to emit sound waves into the air. With DSPPA's self-developed algorithm, it achieves precise sound coverage. The built-in digital amplifier supports diverse audio sources.

Features

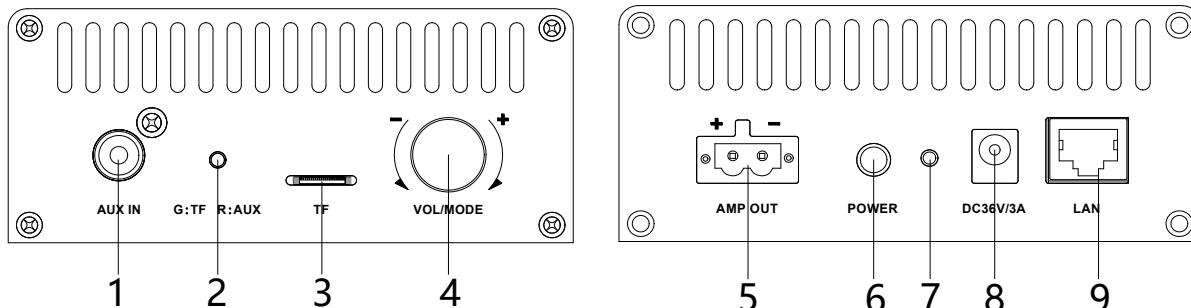
- Built-in digital amplifier.
- Built-in DSP decoding chip for audio decoding.
- Built-in TF card playback.
- Ultrasonic directional capability with front-facing sound output. In outdoor environments, it leverages the directional properties of ultrasonic waves to achieve sound propagation in a specific area, with minimal noise impact outside the designated region, effectively solving noise disturbance issues.

Specifications

Model	DSP395
IP Directional Sound Flat Audio Player DSP395U	
(AUX/TF Card) Input Sensitivity	300mV/-10dB
Frequency Response Range	250-8KHz ($\pm 3\text{dB}$)

Rated Power	60W
Input Power (Power Adapter)	36V/3A
Temperature Range	-20°C~60°C
Machine Dimension (L×W×H mm)	203*147*42mm
Net Weight	0.74kg
IP Directional Focused Flat Speaker DSP395T	
Max. SPL (1.9KHz@3M)	90dB±2dB
Directional Angle (Sound Pressure Level Attenuation at 15° Offset)	≥10dB
Machine Dimension (L×W×H mm)	593*150*37mm
Net Weight	1.74kg
DSP395 Package Size	
Package Dimension	662×399×150mm
Net Weight	3.5kg

Front / Rear Panel



1. Auxiliary Input Interface (AUX IN)

Connects to audio source devices (e.g., DVD players) to expand the program sources for the unit.

2. Status Indicator Light

When switched to TF mode, the indicator light turns green; when switched to AUX mode, the indicator light turns red.

3. TF Card Slot

Insert a TF card into this slot. The TF card provides MP3 playback source and alarm sound source, and stores recorded files.

4. VOL/MODE Button

1. Volume Control: Rotate clockwise to increase volume, counterclockwise to decrease volume. When the volume reaches the maximum or

minimum level, the status indicator light stays on.

When the volume is not at maximum or minimum, the status indicator light flashes.

2. Mode Switch: Short press to switch between TF and AUX modes.

5. Amplifier Output Interface (AMP OUT)

Used to connect the dedicated DSP395T speaker for the IP Directional Flat Speaker System.

6. Power Switch

7. Power Indicator Light

The light turns red when the power is on.

8. DC36V/3A Power Supply Interface

For adapter power supply.

9. Network Interface

Reserved functionality