

LA1715

15 Inch Active Column Array Speaker with DSP Function



Description

The LA1715 is a 15-inch active column array speaker powered by a robust 2×500W amplifier module, integrating a 15-inch woofer and six 4-inch tweeters to deliver immersive and high-fidelity sound reproduction. Engineered as a versatile audio solution, the system incorporates comprehensive digital signal processing (DSP), Bluetooth connectivity, and True Wireless Stereo (TWS) technology, significantly expanding its adaptability across a wide range of audio applications. This combination of performance and functionality positions the LA1715 as a compelling choice for premium sound reinforcement in diverse scenarios.

Features

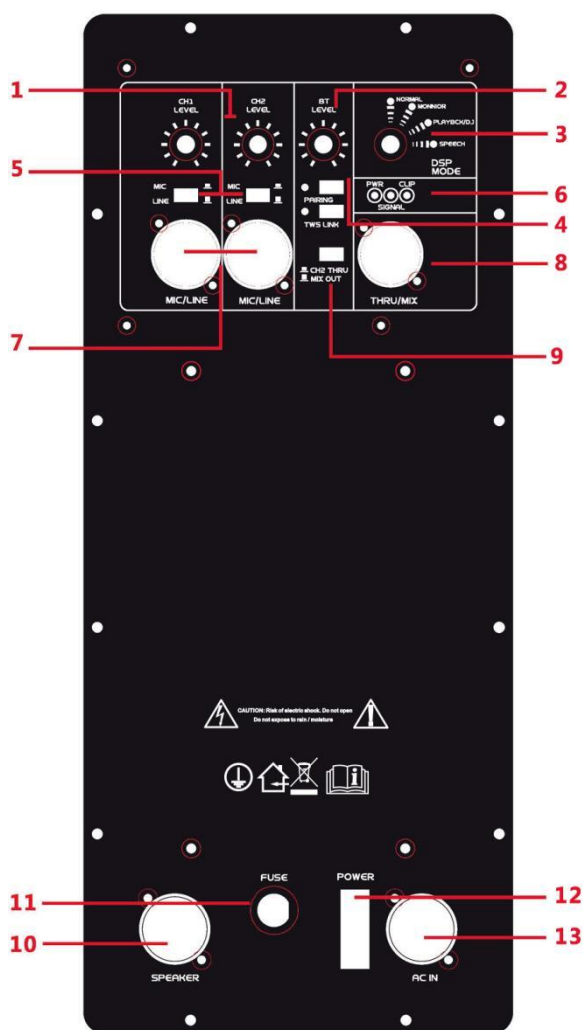
- 15-inch active column array loudspeaker featuring an integrated subwoofer and six 4-inch full-range drivers.
- Powered by a 2×500W high-output built-in amplifier module for robust and dynamic audio performance.
- Extended frequency response ranging from 38Hz to 20kHz, delivering deep bass extension and clear high-frequency reproduction.
- Maximum SPL rated at 131dB peak, providing ample coverage capability for large-scale spaces.
- Integrated DSP processing with selectable preset modes: Normal, Monitor, DJ, and Speech.
- Supports Bluetooth audio streaming and True Wireless Stereo (TWS) pairing functionality.
- Equipped with multiple input options, including combo MIC/LINE connectors and balanced XLR/TRS jacks.
- Independent level controls for inputs and Bluetooth signal enable flexible mixing and routing.
- CH1/CH2 level adjustment with selectable MIX/THRU output routing for system configuration flexibility.

- Speakon output connector facilitates external satellite speaker system expansion.
- LED indicators provide real-time monitoring of power, signal, and clip status.
- Rugged metal grille paired with high-density enclosure construction ensures long-term durability.

Specifications

Model	LA1715
RMS	150W(Full Range Speakers)+ 500W (Subwoofer)
Amplifier Power	2×500W
Music Power	1300W
Peak Power	2600W
Speaker Driver	1 × 15" Subwoofer Driver + 6 × 4" Full-Range Drivers
Frequency Response	38-20kHz
Sensitivity (1W/1m)	97dB
Peak SPL	131dB
Supported Function	DSP+BT+TWS
Materials	Full Range Speaker Mesh Cover: Iron Mesh 0.6mm Subwoofer Mesh Cover: 15mm Thick Density Board

Product Information



1. CH1/CH2 Input Level Controls: Used to control the volume of the Mic/Line inputs. When the THRU/MIX button is set to MIX OUT, they control the mix output
2. BT Level Control: Adjust the volume of the Bluetooth input.
3. DSP MODE: The DSP settings are designed to adjust the speaker to the environment in which it is used. They are variations of the Normal speaker setting with some minor variations to boost certain frequencies:
 - Normal - "flat" speaker setting that suits most environments.
 - Monnior - the bass is lower and the mid-high frequency is brighter.
 - Play back/DJ - more bass and less treble.
 - Speech - subtle boost in high and mid frequencies.
4. Bluetooth and TWS pairing buttons: These buttons allow you to use both the Bluetooth and TWS functions. For detailed instructions on how to use either of these functions, please refer to page 2 of this manual.
5. Mic Line: This button corresponds to the Microphone/Line input. When connecting a microphone, make sure the button is in the "down" position. When connecting a line-level device, make sure the button is in the "up" position.

6. Power LED Indicator: It will light up when the unit is receiving signal.

- Signal LED Indicator: Will light up when the unit is receiving signal from CH1, CH2 or Bluetooth inputs.

- Clip LED Indicator: It will light up when there is a Power overload. This indicates that limiting has occurred in order to protect and prevent damage to the amplifier or speaker. Continued overloading of the system will cause distortion and may damage the amplifier and/or speaker.

7. XLR and 1½" Combo Ports: Accept XLR-type connectors and 1½" TRS/TS balanced/unbalanced plugs. If you use an unbalanced 1½" TS plug, the line input automatically converts the ring to ground.

8. XLR THRU/MIX output port: To obtain For detailed instructions on how to use this port, please see page 2 of this manual.

9. THRU/MIX CH2 button: Used to determine the signal output from the THRU/MIX port. See page 2 of this manual for details.

10. Speakon: Signal output for connecting satellite speakers.

11. 110V: User-serviceable fuse.

12. On/off switch.

13. AC input power connectors: PowerCON input connectors.