

Herdio[®]

PUBLIC ADDRESS AMPLIFIER

- Power amplifier with reverberation voltage -

AMP-CP180BT/AMP-CP350BT
AMP-CP650BT/AMP-CP1000BT



CE FC
OWNER'S MANUAL

SPECIFICATIONS

Model:	AMP-CP180BT	AMP-CP350BT	AMP-CP650BT	AMP-CP1000BT
Nominal Power:	100W	260W	500W	700W
Max Output Power:	180W	350W	650W	1000W
Input:	3-way microphone input, 3-way line input, optical/coaxial input. Supports USB flash drive, SD card, FM radio playback, Bluetooth playback, and reverb processing.	3-way microphone input, 3-way line input, optical/coaxial input. Supports USB flash drive, SD card, FM radio playback, Bluetooth playback, and reverb processing.	3-way microphone input, 3-way line input, optical/coaxial input. Supports USB flash drive, SD card, FM radio playback, Bluetooth playback, and reverb processing.	3-way microphone input, 3-way line input, optical/coaxial input. Supports USB flash drive, SD card, FM radio playback, Bluetooth playback, and reverb processing.
Output:	4–16Ω, 70V (6-channel zone output at 70V).	4–16Ω, 70V (6-channel zone output at 70V).	4–16Ω, 70V (6-channel zone output at 70V).	4–16Ω, 70V (6-channel zone output at 70V).
WOOFER:	40Hz ~ 18kHz, ±0.5dB.	40Hz ~ 18kHz, ±0.5dB.	40Hz ~ 18kHz, ±0.5dB.	40Hz ~ 18kHz, ±0.5dB.
Total Harmonic Distortion (THD):	< 0.2%.	< 0.2%.	< 0.2%.	< 0.2%.
Signal-to-Noise Ratio (SNR):	> 76dB.	> 76dB.	> 76dB.	> 76dB.
Power Supply:	110V ±10% AC, 50Hz–60Hz.	110V ±10% AC, 50Hz–60Hz.	110V ±10% AC, 50Hz–60Hz.	110V ±10% AC, 50Hz–60Hz.
WARRANTY:	Optional; factory default is without remote control	Optional; factory default is without remote control	Optional; factory default is without remote control	Optional; factory default is without remote control
WARRANTY:	1 Year	1 Year	1 Year	1 Year

FCC REQUIREMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

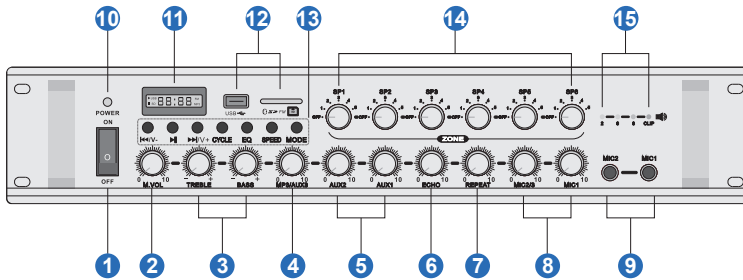
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FRONT PANEL

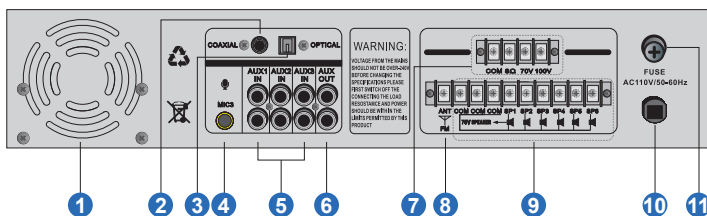
Suitable for 2U models



- 1 Power switch:** ON start; OFF shut down
- 2 Master Volume Knob:** Control the volume of all input audio sources
- 3 Bass and treble knobs:** BASS for low frequency adjustment, TREBLE for high frequency adjustment.
- 4 Mp3 knob:** Adjust the volume of USB/TF card, radio, Bluetooth and AUX3 input
- 5 Line input volume knob:** Adjust the size of the corresponding line input volume.
- 6 Echo volume control knob:** adjust the echo effect processing of the microphone
- 7 Echo frequency adjustment knob:** adjust the echo frequency of the microphone
- 8 Microphone volume knob:** adjust the volume of the corresponding 3-channel microphone
- 9 Microphone input port:** where MIC1 input has priority mute function
- 10 POWER indicator:** Power indicator, light on for power on, light off for power off, alarm flashing.
- 11 LED display screen:** Display the current
- 12 USB/SD port:** Insert a USB flash drive/SD card with MP3 format music into this port to play
- 13 Control key:** MODE: switch between USB, FM, Bluetooth, fiber, coaxial
SPEED: Adjust the playback speed of music in USB or SD card
EQ: Audio effect mode selection
CYCLE: Switch to song cycle mode
▶▶/V+: Skip to the next track in USB/Bluetooth mode with a short press; press andhold to increase the volume. Short press to the next channel in FM mode
▶▶/V-: Previous track in USB/Bluetooth mode, long press volume down, Short press previous channel in FM mode
- 14 Partition control key:** there are 6 partitions in total, and the volume of each partition output can be adjusted separately.
- 15 Level indicator:** When the CLIP red light is on, it indicates that the maximum output power of the power amplifier has been reached.

BACK PANEL

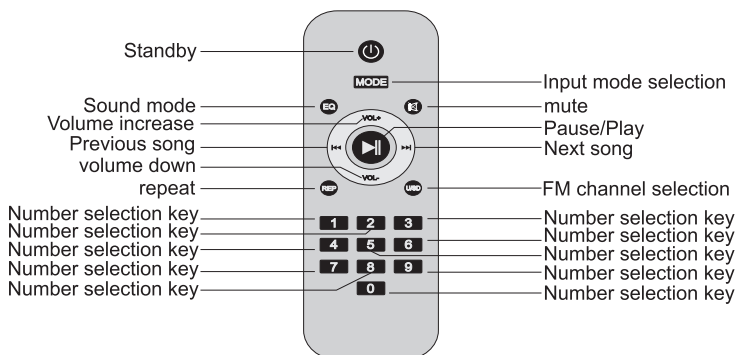
Suitable for 2U models



- 1 Ventilation port:** To ensure the machine operates normally, please do not block the ventilation port.
- 2 Digital signal input:** COAXIAL coaxial input
- 3 Digital signal input:** OPTICAL fiber input;
- 4 Microphone 3 input:** volume controlled by MIC2/3 on the panel.
- 5 AUX input:** 3-channel audio input, volume controlled by the corresponding volume knob on the panel.
- 6 AUX-OUT:** RCA port for line output, can be used for recording or connecting other amplifiers
- 7 Power output:** COM is the common negative pole, which can be connected to 4-160constant resistance speakers and constant pressure speakers respectively
- 8 FM radio antenna:** FM radio antenna, connect a wire longer than 1.5 meters to enhance the signal
- 9 Partition output:** COM is the common negative pole, connected to a 70V-100Vconstant pressure speaker, with independent volume adjustment
- 10 Power input:** connect to AC110V/60Hz mains power
- 11 FUSE:** is a fuse holder, which can be easily replaced fuse;

BACK PANEL

This function is optional



WARRANTY

All Herdio speaker products have 1 year Limited Warranty against defects in materials and workmanship. Proof of purchase must accompany all claims. During the warranty period Herdio will replace any defective part and correct any defect in workmanship without charge for either parts or labor. The Technical Support Center at HERDIO is Available from Monday to Friday, Excluding Holidays. If you have any questions feel free to send your messages to our below mailbox: support@herdiotech.com