

HZ10

10" Touch On-Wall Amplifier

Android 11 • 8 Channels • 2 Zones • Wi-Fi

IDEAL FOR

Residences

Villas

Hotels

Offices

Retail



8CH

8-Channel
Amplifier



10" Touch
Android 11



Bluetooth
& Wi-Fi



2 Zones
Independent Control



RS485 & LAN
Control



TF / USB / AUX
Playback

Description

The HZ10 is an on-wall background music amplifier with a 10" touch screen and Android 11, built for homes, villas, hotels and commercial spaces. It drives up to eight speakers across two independently controlled zones, and plays from Bluetooth, Wi-Fi streaming, TF card, USB and an external audio input.

Key Features

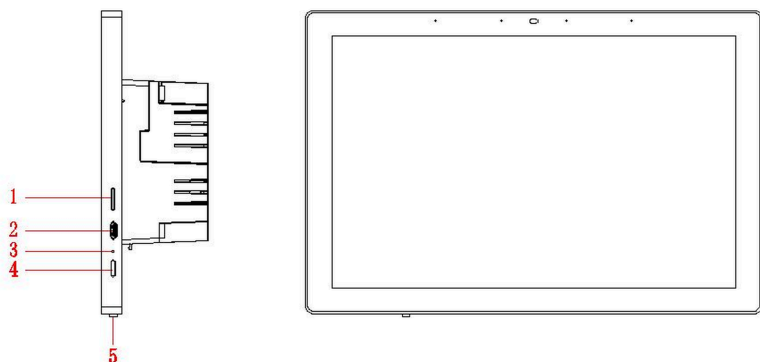
- ✓ 10" multi-touch screen, 1280 × 800 resolution, with clock and calendar display.
- ✓ Android 11 with a 1.5 GHz quad-core Cortex CPU, 2 GB RAM and 16 GB storage.
- ✓ Built-in 8-channel amplifier: 8 × 10–30 W (max.) into 4–8 Ω speakers.
- ✓ Two zones with independent music control, up to four speakers per zone.
- ✓ Bluetooth, Wi-Fi 2.4 GHz and wired Ethernet (RJ-45) connectivity.
- ✓ Plays MP3, WAV, WMA, FLAC, DTS, APE, AC3, OGG and more from TF card and USB.
- ✓ External audio input and line output to feed another amplifier.
- ✓ RS485 interface and active subwoofer output.
- ✓ Optional wireless microphone (karaoke) and Zigbee gateway for Tuya smart devices.

Specifications

Model	HZ10
Output Power	8 × 10–30 W (max.)*
Load Impedance	4–8 Ω
Frequency Response	20 Hz – 20 kHz
Signal-to-Noise Ratio	98 dB
Zones	2, independent control
Operating System	Android 11
CPU / RAM / Storage	1.5 GHz quad-core / 2 GB / 16 GB
Display	10" multi-touch, 1280 × 800
Wi-Fi	802.11 b/g/n, 2.4 GHz, 150 Mbps
Network / Control	Ethernet RJ-45, RS485, Bluetooth
Audio I/O	AUX in, line out, subwoofer out
Media	TF card, USB Type-C
Power Supply	AC 100–240 V, 50/60 Hz
Operating Temperature	0 – 40 °C
Product Size	245.2 × 162 × 57.2 mm
Weight	0.94 kg

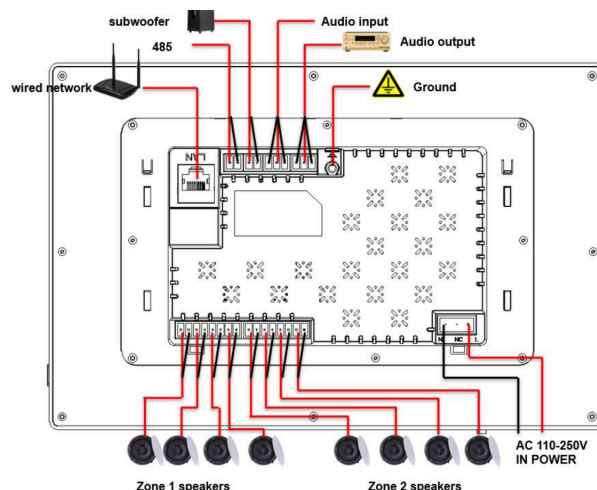
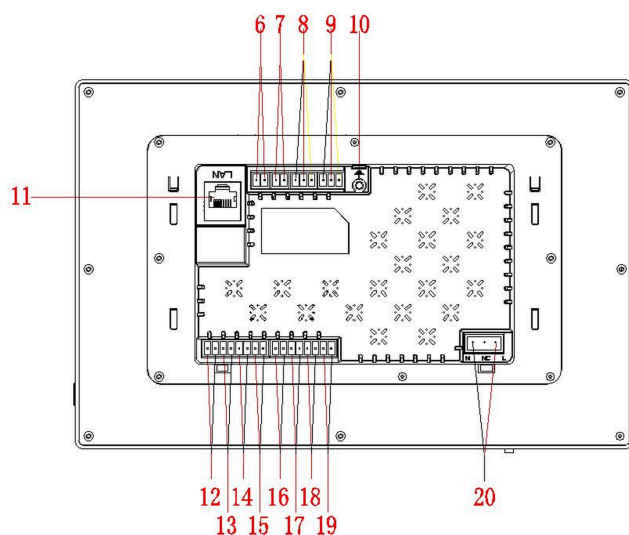
* Per-channel power depends on the hardware option selected.

Interface & Controls



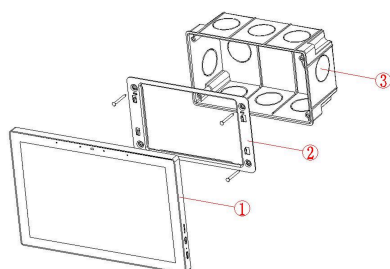
- 1 Power button: long press to restart, short press to turn the screen off
- 2 TF card slot
- 3 USB Type-C port
- 4 Upgrade port
- 5 Power switch

Connections



- 6 RS485 (485A / 485B) • 7 Active subwoofer out (SW + GND) • 8 Audio input (AUX L / R + GND) • 9 Audio output (OUT L / R + GND) • 10 Chassis ground • 11 Wired network (RJ-45) • 12-19 Speaker outputs, Zone 1 and Zone 2 (≤ 30 W per speaker) • 20 AC power input

Installation



- 1 Main unit • 2 Mounting bracket • 3 Back box (deep 86 standard)
- Step 1: Build the back box (3) into the wall.
- Step 2: Fix the bracket (2) to the back box.
- Step 3: Complete the wiring, then hang the main unit (1) on the bracket from the top down.
- Switch off the mains before wiring, and do not over-tighten the screws.

Tender Specification

The on-wall amplifier shall be an 8-channel unit with a built-in amplifier of $8 \times 10-30$ W (max.) into $4-8 \Omega$, a frequency response of 20 Hz – 20 kHz and a signal-to-noise ratio of 98 dB. It shall run Android 11 on a 1.5 GHz quad-core CPU with 2 GB RAM and 16 GB storage, with a 10" 1280 × 800 multi-touch screen. It shall provide two zones with independent control, Bluetooth, 2.4 GHz Wi-Fi, Ethernet, RS485, TF card and USB playback, an audio input, an audio output and a subwoofer output. It shall operate from AC 100–240 V, measure 245.2 × 162 × 57.2 mm and weigh 0.94 kg.