

DM838K

8×10W 7-inch In-Wall Intelligent Music Control Host



Description

The DM838K 8×10W 2 Zone 7-inch In-Wall Intelligent Music Control Host is a cutting-edge, wall-mounted system designed to deliver sophisticated audio management and an exceptional listening experience across two distinct zones, featuring support for a wide array of audio formats, Bluetooth connectivity for wireless music streaming, external audio input for expanded sound options, and optional wireless microphone functionality for impromptu karaoke sessions, which is perfect for scenarios such as home automation, retail environments, hospitality industry, office spaces and educational facilities.

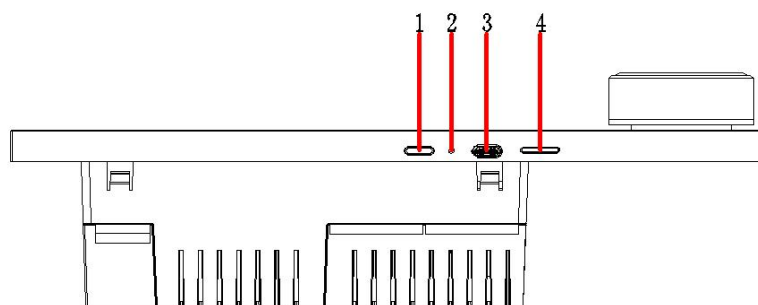
Features

- Support dual partition music control, 7-inch touch screen, resolution 1024 * 600, easy to operate and control
- Music playback: support MP3, WAV, WMA, FLAC, DTS, APE, AC3, OGG and other audio formats.
- Bluetooth: support cell phone search to connect the host to play music
- External audio input: support for external audio sources into the machine, amplify the output
- Support wireless microphone and family karaoke.(Optional function)
- Time calendar: support clock, calendar display function.
- Memory card function: external TF card, support for 32GB TF card
- USB function: external USB card, support 32GB USB
- Support wired network connection and WIFI connection
- With RS485 interface
- Suitable for family, commercial area, children's room, etc.

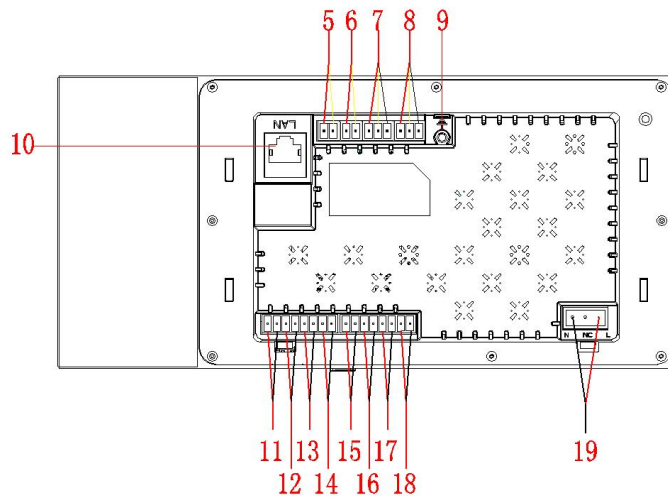
Specifications

Model		DM838K
CPU		quad-core Cortex 1.6GHZ
RAM		2G
ROM		16G
Wired Network		Support
Wireless Network		802.11b/g/n wireless protocol 150Mbps 2.4GHz
Speaker Output		8*(10-25W)(MAX) (depending on hardware selected)
Output Impedance		4-8 Ω
System		Android 11
Screen		7-inch 1024*600 multi-touch control
Power Input		AC100~240V ,50/60Hz
RS485		Support
Zigbee		802.15.4 PHY/MAC Zigbee network protocol stack (optional feature)
Amplifier Parameters		Frequency Response: 20Hz-20Khz Signal-to-noise ratio: 98dB
Product Size		237.4*111.8*27.6MM
Weight		1.49KG
Installation Mode		Front preinstalled cable box
Wireless Protocol		Wi-Fi ,Bluetooth, zigbee (optional feature)
Operating Temperature		0°C~40°C
Operating Humidity		5% to 90%RH non-condensing
Functional Support	Gateway Functions	Optional function: Zigbee gateway capability, can connect 50+ sub-devices, multi-category graffiti eco-devices control at will.
	Music Play	Support Bluetooth, TF card, U disk, AUX play music.

Front / Rear Panel



1. Power button: long press to turn off and restart, short press to rest the screen.
2. Upgrade holes: for upgrading.
3. TYPE-C USB: External USB flash drive (supports up to 32G).
4. TF card interface: external TF card (maximum support 32G)



- 5. 485 interface: connect 485A+485B to control background music through external devices. You can also control other 485 devices through this host.
- 6. Subwoofer: Turn on GND+SW to connect active subwoofer.
- 7. Audio input cable: audio cable (three-core shielded cable: commonly known as microphone cable), RVVP2X0.5, RVVP2X0.75, connected to AUX L + AUX R + GND. external audio input.
- 8. Audio output: audio cable (three-core shielded cable: commonly known as microphone cable), RVVP2X0.5, RVVP2X0.75, connected to OUT R +OUT L +GND, can be connected to other amplifiers.
- 9. Ground: chassis ground.
- 10. Wired network port: access to wired network.
- 11. Speaker: Speaker wire (200 core), RVH2X100, RVH2X200 to SPK R+ SPK R-, speaker less than 30W.

- 12. Speaker: Speaker wire (200 core), RVH2X100, RVH2X200 to SPK R+ SPK R-, speaker less than 30W.
- 13. Speaker: Speaker wire (200 core), RVH2X100, RVH2X200 to SPK R+ SPK R-, speaker less than 30W.
- 14. Speaker: Speaker wire (200 core), RVH2X100, RVH2X200 to SPK R+ SPK R-, speaker less than 30W.
- 15. Speaker: Speaker wire (200 core), RVH2X100, RVH2X200 to SPK L+ SPK L-, speaker less than 30W.
- 16. Horn: Horn wire (200 cores), RVH2X100, RVH2X200 connect to SPK R+ SPK R-, horn less than 30W.
- 17. Horn: Horn wire (200 cores), RVH2X100, RVH2X200 to SPK L+ SPK L-, less than 30W.
- 18. Horn: Horn wire (200 cores), RVH2X100, RVH2X200 connect to SPK R+ SPK R-, horn less than 30W.
- 19. Zero-fire power supply: connect to AC 110-250V power supply.

System Diagram

