DM838K DM838T

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









Description

The DM838K/DM838T 8×10W 2-Zone 7-inch In-Wall Intelligent Music Control Host is a cutting-edge, wall-mounted system designed to provide refined audio control and an outstanding listening experience across two independent zones. It supports a wide range of audio formats, allows Bluetooth pairing for convenient music playback from mobile devices, and offers external audio input for greater flexibility. The DM838T model also features Tuya App control, making it ideal for smart home applications, retail settings, hospitality venues, office environments, and educational spaces.

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
- 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
- With RS485 interface
- Suitable for family, commercial area, children's room, etc.

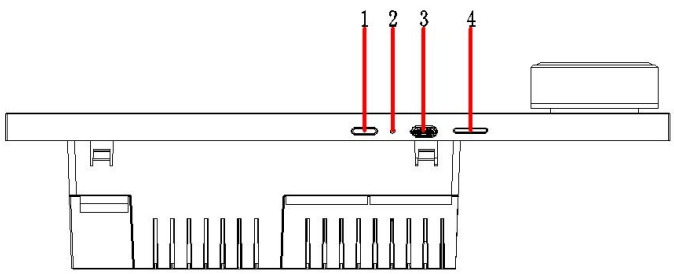
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Specifications

Model		DM838K	DM838T
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	
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	
Operating Temperature		0℃~40℃	
Operating Humidity		5% to 90%RH Non-Condensing	
Zigbee		/	802.15.4 PHY/MAC Zigbee Network Protocol Stack
Wireless Protocol		Bluetooth	Bluetooth, Zigbee
Functional Support	Gateway Functions	/	Zigbee Gateway Capability, Can Connect 50+ Sub-devices with flexible control of multi-category Tuya ecosystem devices.
	Music Play	Support Bluetooth, TF Card, USB Disk, AUX Play music.	

Front / Rear Panel

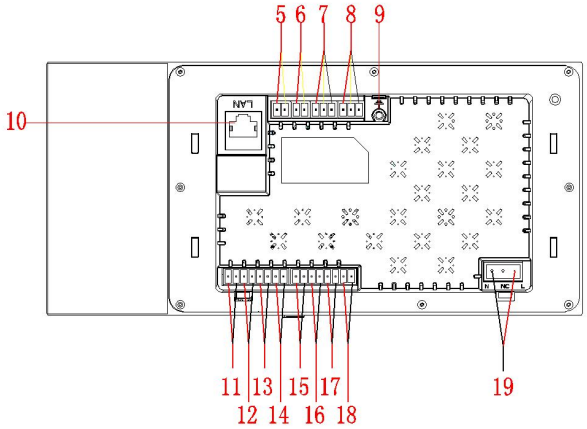


1. Power button: Long press to turn off and restart, short press to rest the screen.
2. Upgrade holes: For upgrading.
3. TYPE-C USB: External USB flash drive (supports up to 32G).

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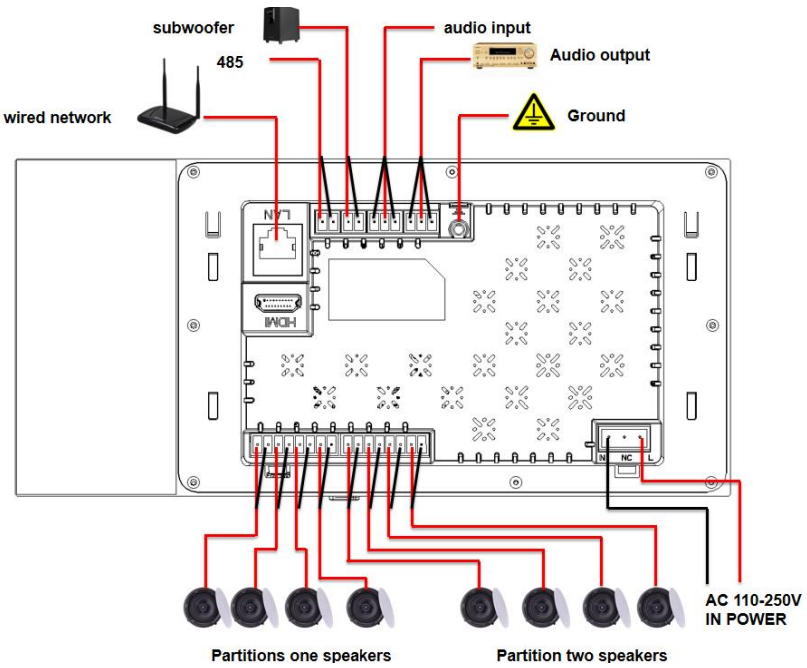
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4. TF card inter485 interface: Connect 485A+485B to control background music through external devices. You can also control other 485 devices through this host.



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 L+ SPK L-, 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 L+ SPK L-, speaker less than 30W.
15. Speaker: Speaker wire (200 core), RVH2X100, RVH2X200 to SPK R+ SPK R-, speaker less than 30W.
16. Speaker: Speaker wire (200 cores), RVH2X100, RVH2X200 to SPK L+ SPK L-, speaker less than 30W.
17. Speaker: Speaker wire (200 cores), RVH2X100, RVH2X200 to SPK R+ SPK R-, speaker less than 30W.
18. Speaker: Speaker wire (200 cores), RVH2X100, RVH2X200 to SPK L+ SPK L-, speaker less than 30W.
19. Zero-fire power supply: Connect to AC110-250V power supply.

System Diagram



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