

Parameters

Electric Parameters:

Working voltage	DC±24V
Static Power	1.6W
Audio input voltage	0.7VPP
Input resistance	50KΩ
Output resistance	RL=8Ω; RR=8Ω
Output power	25W×2
Harmonic distortion	<0.05%
SNR	97dB
Frequency range	22Hz~20KHz
File name length	≤25 bytes
Music Format	MP3
SD card capacity	≤32G
Communication protocol	HDL Buspro, FTP, UDP
Signal interface	RJ45, SD card, HDL Buspro, FM RCA Audio, Audio output, DC power input

Environmental Conditions:

Working temperature	0°C~45°C
Working relative humidity	Up to 90%
Storage temperature	-20°C~+60°C
Storage relative humidity	Up to 93%

Approved

CE

RoHS

Production Information:

Dimensions	180.2×90.03×64 (mm)
Weight	469.1(g)
Housing material	PC, Aluminum
Installation	35mm DIN rail installation
Protection degree	IP20

HDL Buspro Definition for Cable

CAT5E	HDL Buspro	HDL Buspro/KNX
Brown/ Orange	DC24V	Red
Brown white/ Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/ Green	DATA+	Yellow

Overview



HDL-MZDN.432A is a digital background music player. It has FM Radio, External input, FTP Audio stream, CD card. User can control the music from DLP panel and iPad, iPhone. This audio system supports songs from SD card, so it can be used for alarm system and voice service for home automation.

Functions

- External input
- Internal SD card
- FM radio
- FTP server
- Voice prompts
- HDL Buspro communication

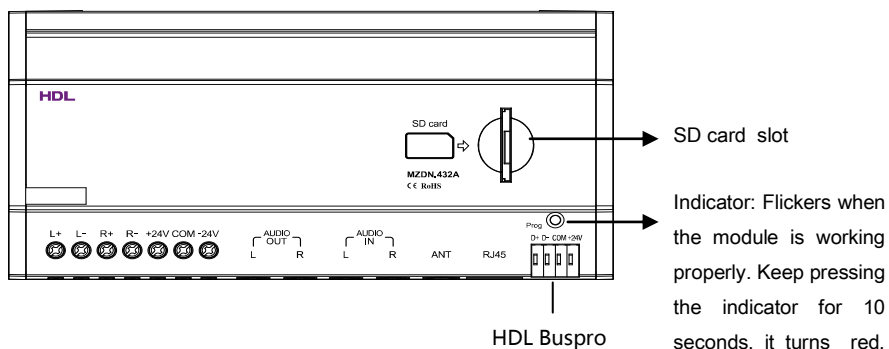
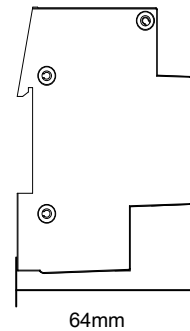
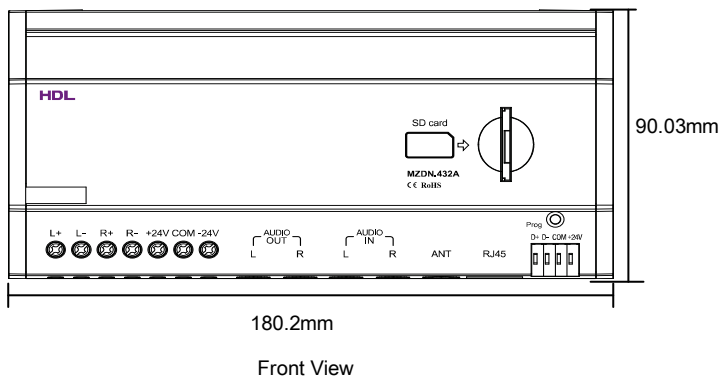
Installation Steps

- Connect the MZDN to the special power supply
- Check the power supply cable connection
- Check the cable to MZDN, avoid any mistake of positive pole and COM and negative pole

Important Notes

- 35mm DIN rail installation, inside DB box.
- Buspro cable – CAT5E or HDL Buspro/KNX/EIB cable.
- Buspro connection – Series connection (hand-in-hand).
- Check the connection, avoid any mistake.
- Should power off device before put in or take out the SD card.

Dimensions and Wiring



- Notes:**
1. L+, L- is left channel output.
 2. R+, R- is right channel output.
 3. +24V, COM, -24V is $\pm 24V$ power supply.
 4. Left channel output and right channel output should connect with 8 Ω speaker

IP: 192.168.10.250
Route IP: 192.168.10.1
Port: 6000
MAC: H-D-L-85-85-85

Default setting parameters:

IP: 192.168.10.250

Please change the PC IP address into the same IP segment. Steps for change IP address :

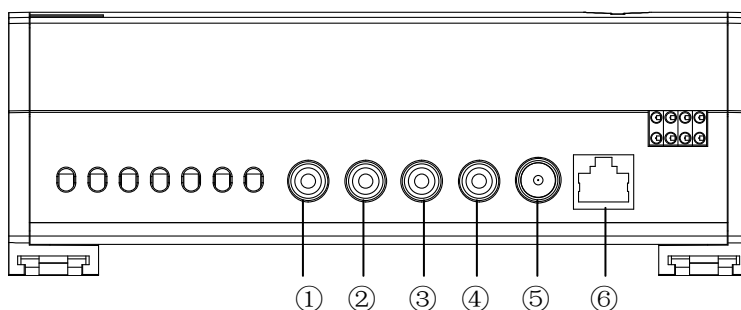
1. Modify the IP address of the user PC into 192.168.10.** (** means any) .

2. Open the "HDL-Bus Pro Setup tool", find the device, change the IP address into the same IP segment of the user PC. Finish and save.

3. Change the IP address of the user PC back to previous IP.

4. Power off, then the new IP address will be available after power on.

If it connect to the 1-port buspro switch, the subnet ID of the module should be different from the switch as far as possible.



- ①: Left channel audio output
- ②: Right channel audio output
- ③: Left channel audio input
- ④: Right channel audio input
- ⑤: FM interface
- ⑥: RJ45 interface

Notes: ①, ② is AUDIO-OUT
③, ④ is AUDIO-IN
③, ④ should connect with CD, MP3, etc.

Safety Attention

- The screw down strength should not exceed 0.4Nm.
- Ensure good ventilation.
- Never let liquids get into the module , it will damage this device.
- Avoid contact with liquids and aggressive gases.