HDL®

Parameters

Electric Parameter :

Working voltage	24-48VDC
Static Power	1.6W
Audio input voltage	0.7VPP
Input resistance	50KΩ
Output resistance	32Ω
Output power	20mW×2
Harmonic distortion	<0.05%
SNR	97dB
Frequency range	22Hz~20KHz
File name length	≤25 bytes
Music Format	MP3
SD card capacity	≤32G
Streaming music	FTP
Signal interface	RJ45, S/PDIF, Audio in/out, Dry Contact, IR emitter

Environmental Condition :

Working temperature	0℃~45℃
Working relative humidity	40%~98%
Storage temperature	-20℃~+60℃
Storage relative humidity	10%~93%

Approved

CE

RoHS

Production information :

Dimensions	180×180×33 (mm)
Net Weight	1031g
Housing material	Glass , ABS, steel plate
Installation	Desk /wall hanging/DB Box
Protection degree	IP20

Important Notes

■ Check the connection, avoid any mistake

■ SD card should be formatted as FAT32 before use

■ Need good external ANT or FM cable for high quality FM audio

■ You need order IR LED if you want use IR function for audio devices

Overview

HDL-MZBOX.20 music play box is an elegant device to manage your music and playlists from many different sources. The client can create a personalized environment in which to enjoy their favorite music. Also with voice remind for home application and security alarm. you can use HDL DLP panel ,IPAD, Iphone, Android APP for control the play box.
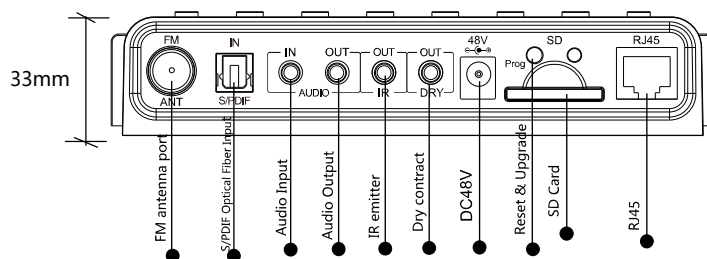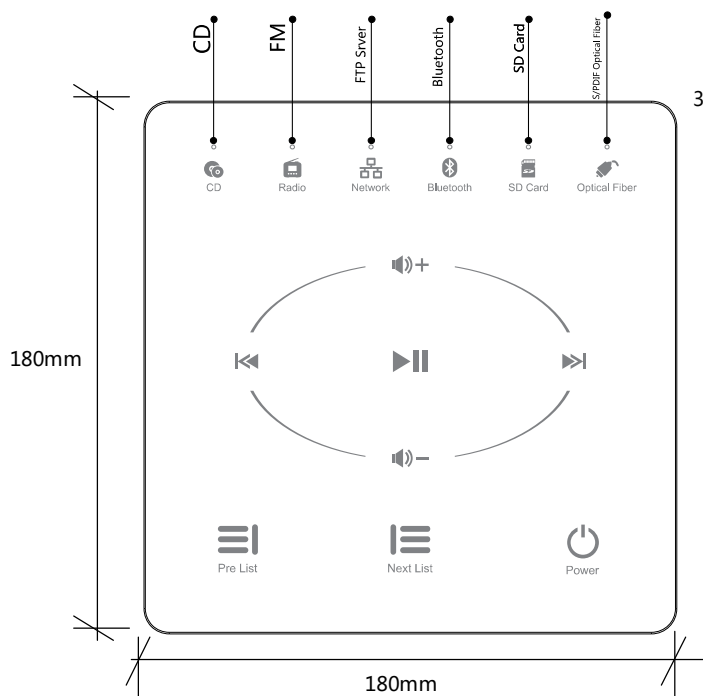
Functions

■ Capacitive touch buttons.

■ 3.5mm Mini Jack Port for audio in from CD or other audio resource and Audio OUT

■ Internal SD card, Up to 32GB.

■ Music streaming from FTP server

■ FM Radio with RDS

■ Blue tooth 2.0 for music connection from music device

■ S/PDIF optical fiber input.

■ Dry contact to control audio amplifiers.

■ Support online upgrade function.

Installation Step

■ Connect MZBOX to music amplifier(MZAP.20).

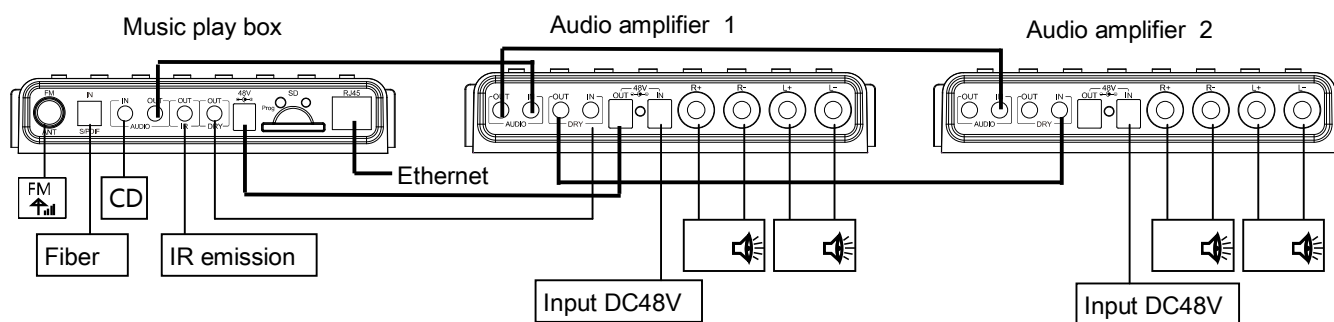■ Check the cable to MXBOX.20, avoid any mistakes of connection

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Dimensions and Wiring

33mm

180mm

180mm

Bluetooth Connection Steps:

1. Tick "enable" option of Bluetooth Icon in HDL Easy Engineering Editor software
2. Open Bluetooth of your iOS, Android devices
3. Search and find "HDL-Audio" in your Bluetooth devices list
4. Connect to HDL-Audio
5. Play the music in your iOS, Android devices, your music will play in the Music play box synchronously

Attention: the music play box can only connect to one Bluetooth device at the same time.

Music play box

Audio amplifier 1

Audio amplifier 2

Ethernet

FM

CD

Fiber

IR emission

Input DC48V

Input DC48V

Safety attention ⚠ WARNING

■ Assure a good ventilation circumstances

■ Avoid the rain or water into module, it will damage this devices

■ Rain, liquid, and aggressive gas are not allowed to close to it

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