Datasheet

Music Play Box
HDL-MZBOX-A50B.30

Parameters

Electrical Parameters:	
Power supply	AC100-240V, 60/50Hz/DC
Input	DC24V @ 3.3A
Power Amplifier Rated output	5W+5W(8Ω/ohms 1kHz ,0.027%) 32W+32W(6Ω/ohms,1kHz, 0.7%) 40W+40W(8Ω/ohms,20Hz-20kHz, 5%)
Speaker Impedance	4-32Ω
Dynamic Range	〉87dB
S/N Ratio:	>88 dB
Stereo Separation	〉81.5dB (1KHz)
Frequency Response	20Hz to 20KHz (±3dB)
MUSIC	
Online Music Services Supported	Pandora, Spotfy, vTuner, Tidal, Qobuz, Rhapsody, iHeartRadio and TuneIn, more coming soon.
Music from Local Storage	iTunes music stored locally on iOS device, music files on Android device or USB storage
NAS	Play from your home network atached storage, DLNA compliant
Audio Formats Supported	MP3/ WMA/ AAC/ AAC+/ ALAC/ FLAC/ APE/ WAV
WIFI	
Standard	802.b/g/n
Speed(Max)	150M
Operating Frequency	2.4G
SAR Value	95dB
Sample Rate	44.1Khz
Antenna	1T1R
Antenna gain	3dBi
NETWORKING	
Wireless Connectivity:	Supports 802.11 b/g/n standards.
Wired Connectivity:	Single 10/100M RJ-45 jack
Bluetooth Supported	BQB Approval, BT 2.0+EDR
Environmental Conditions：	
Working temperature	-5℃~40℃
Working relative humidity	Up to 90%
Storage temperature	-20℃~+60℃
Storage relative humidity	Up to 93%
Approved	
CE	
RoHS	
Product Information：	
Dimensions	(HxWxD) 144mm(184mm with antenna) x110mmx30mm
Net Weight	1.3Kg
Housing material	Glass , ABS, steel plate
Installation	Desk /wall hanging/DB Box
Protection degree	IP20

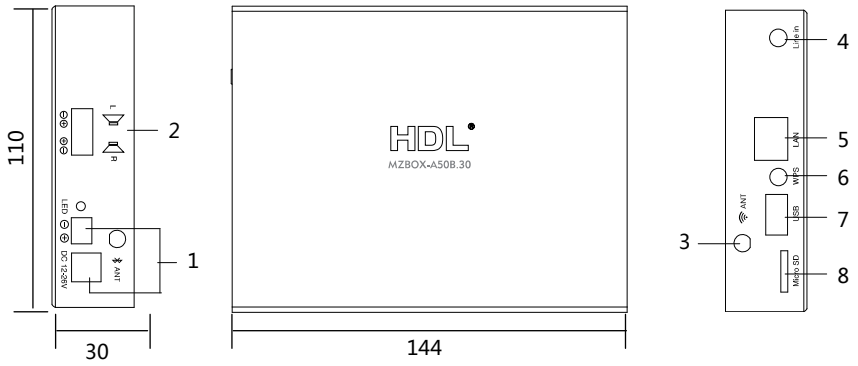
Overview

HDL-MZBOX-A50B.30 this music play box is designed to turn the traditional amplifiers into wireless amplifiers, which can also perform multi-room audio functionality to any pair of stereo speakers. The specialized iOS and Android applications offer you the easiest way to set up a Wireless Multi-Room Sound System. It also provides the most powerful playback option, which allows you to stream synchronized music or different music from cell phone, Spotify, Pandora, Tidal, Qobuz, vTuner, Napster and other online music services/NAS/UPnP Network/flash driver/HDD. Featuring advanced Class D digital amplifier, this amplifier delivers80 watts of power per channel, with low distortion and high current capability.
You can control the device via HDL DLP panel, iPad, iPhone or Android apps .

Functions

- Stream your music in high quality
- Stream your music anywhere in your room
- Stream music from different device
- Play from variety of sources
- Start music for all rooms like a party
- Multi-Way for connection
- New features and services available by global online update

Dimensions and Wiring (Unit: mm)



1. DC input: DC12-26V
2. Speaker Connector
3.Antenna

4. Line in
5. LAN
6. WPS
7. USB
8. Micro SD

Safety precaution

- Ensure good ventilation
- Never let liquids get into the module, it will damage this device
- Do not let the module come into contact with hazardous liquids or corrosive gases.

Package Contents

- Datasheet *1 / HDL-MZBOX-160.30 *1 / Amp *1 / 2.4G 3dBi WiFi antenna *1 / Speaker Banana Plug*4

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

- English: "
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device."

- French:"
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil nedoit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."