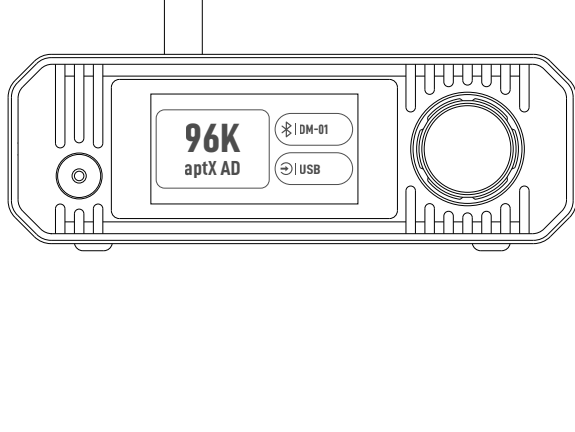




Before operating this machine, please read this manual carefully and keep it in a safe place for future reference.

Product Introduction

MX-02 is a Hi-Fi Bluetooth transmitter that can convert various audio devices without Bluetooth transmission function or with poor Bluetooth quality into high-definition Bluetooth format for transmission, and transmits high-quality audio to your Bluetooth receiving devices such as Bluetooth decoders, power amplifiers, and speakers, enhancing Bluetooth audio quality.

It supports USB, Optical, Coaxial, and Line inputs. No matter what kind of old-fashioned audio equipment you have, you can find a suitable connection input port.

It adopts the Qualcomm Bluetooth chip QCC3086 and supporting the Bluetooth 5.4 technical standard, it has more advantages in transmission performance and functionality.

In addition to supporting traditional Bluetooth formats such as aptX, aptX AD, and aptX HD, it also supports new-generation Bluetooth technology LE Audio encoding formats like LC3 and aptX Lite, which feature lower latency and higher sound quality. It not only delivers a better experience when listening to music but also performs exceptionally well in gaming and audio-visual scenarios.

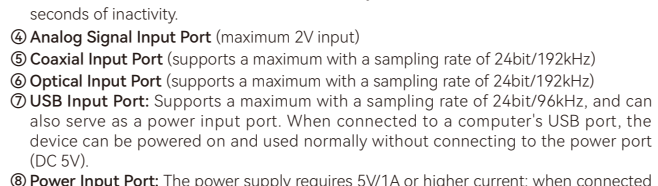
Product Features

1. Can convert audio devices without Bluetooth function or with poor Bluetooth quality into high-quality Bluetooth signals for transmission.
2. Supports the latest Bluetooth 5.4 technical standard for more stable transmission.
3. Have USB, Optical, Coaxial, and Line inputs, which can connect to various audio devices such as PC, phones, tablets, TVs, CD/DVD players, or power amplifiers etc.
4. The USB input supports a maximum of 24bit/96kHz, the coaxial and optical inputs support a maximum of 24bit/192kHz.
5. With a TFT color display for easy searching of Bluetooth receivers and checking information.
6. You can setting the Bluetooth formats, enabling you to choose between low latency or high quality to adapt to different usage scenarios.
7. Button operation, simple and easy to get started.
8. Integrates Snapdragon Sound technology to provide high-fidelity audio transmission.
9. Supports traditional HD Bluetooth encoding formats such as aptX AD, aptX HD, and aptX.
10. Supports new-generation high-quality formats of LE Audio (LC3, aptX Lite) for efficient and ultra-low latency transmission.
11. The shell is made of high-strength aluminum alloy material.
12. Comes with an external high-gain antenna for longer transmission distance.

Quick Start

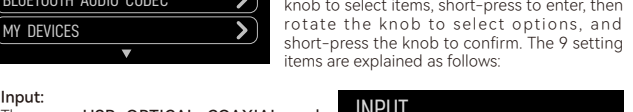
1. Press and hold the power button for 3 seconds. After powering on, set the language.
2. The MX-02 will automatically search for nearby Bluetooth receiving devices. If multiple devices are found, rotate the knob to select the one you want to connect to, then press the knob to confirm.
3. Press and hold the knob to enter the menu, select the "Input" option, rotate to choose the desired input source, and press the knob to confirm.
4. Use the corresponding audio cable to connect to the set input port, play music from the input device.
5. Rotate the knob to adjust the volume.
6. You can press and hold the knob to enter the menu and set the Bluetooth format or other settings.

Parts and Controls



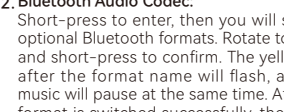
- ① **Power Button:** Press and hold to power on/off. Press and hold simultaneously with the knob for 3 seconds to restore factory settings, then it will automatically power off after restoring factory settings.
- ② **Display Screen**
- ③ **Knob with Button Function:** Rotate to increase/decrease the volume; press and hold to enter the menu setting window, then rotate to select submenus or options, and short-press to confirm; after settings are completed, press and hold the knob to return to the main interface, or it will automatically return to the main interface after 5 seconds of inactivity.
- ④ **Analog Signal Input Port** (maximum 2V input)
- ⑤ **Coaxial Input Port** (supports a maximum with a sampling rate of 24bit/192kHz)
- ⑥ **Optical Input Port** (supports a maximum with a sampling rate of 24bit/192kHz)
- ⑦ **USB Input Port:** Supports a maximum with a sampling rate of 24bit/96kHz, and can also serve as a power input port. When connected to a computer's USB port, the device can be powered on and used normally without connecting to the power port (DC 5V).
- ⑧ **Power Input Port:** The power supply requires 5V/1A or higher current; when connected power supply, the power of the USB IN port will be automatically disconnected.
- ⑨ **Bluetooth Antenna Interface**

Main Interface



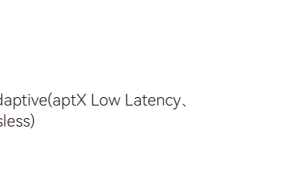
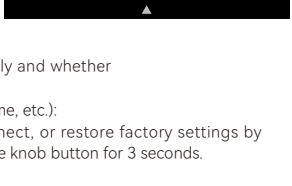
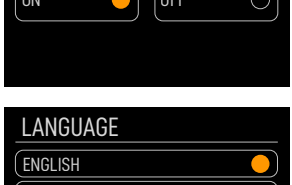
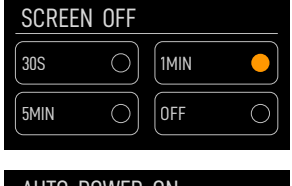
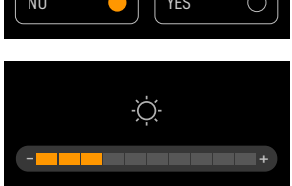
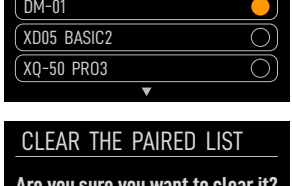
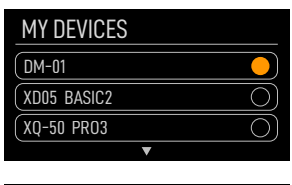
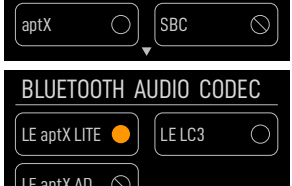
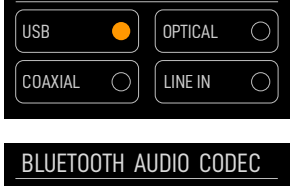
Note: The sampling rate and format will only be displayed after music playback starts; they will show as empty before that.

Menu Settings



Press and hold the knob to enter the settings menu, which includes: "Input, Bluetooth Audio Codec, My Devices, Available Devices, Clear The Paired List, Brightness, Screen Off, Auto Power On, and Language". You can rotate the knob to select items, short-press to enter, then rotate the knob to select options, and short-press the knob to confirm. The 9 setting items are explained as follows:

1. **Input:** There are: **USB, OPTICAL, COAXIAL, and LINE IN**, which correspond to the input interfaces on the rear panel of MX-02 respectively. You can select by short-pressing the knob. (After confirming with a short press, you can short-press again to return to the previous menu.)
2. **Bluetooth Audio Codec:** Short-press to enter, then you will see the optional Bluetooth formats. Rotate to select and short-press to confirm. The yellow dot after the format name will flash, and the music will pause at the same time. After the format is switched successfully, the yellow dot will stop flashing and the music will resume playing. (Note: The icon indicates that the Bluetooth receiving device does not support this format; if the receiving device does not support LE Audio, the entire LE Audio format list will not be displayed.)
3. **My Devices:** All Bluetooth receiving devices that have been connected will be automatically added to the "My Devices" list for quick search and connection. (The list can record up to 8 devices, and when exceeded, the earliest connection record will be automatically cleared.)
4. **Available Devices:** Short-press to enter, and the MX-02 will automatically search for nearby available Bluetooth devices. Once found, you can select and connect to them.
5. **Clear The Paired List:** Will empty the "My Devices" list. (If issues such as format errors, playback stuttering, or low volume occur, you can try clearing the paired list and then searching for and reconnecting.)
6. **Brightness:** Adjusting of the display screen brightness. Reducing the brightness helps extend the service life of the display screen.
7. **Screen Off:** Setting the automatic screen-off time. If there is no operation within the set time, the display screen will turn off automatically, which helps extend the service life of the display screen. When "Off" is selected, the display screen will remain on constantly.
8. **Auto Power On:** When set to "On", the device will power on automatically once it is connected to a power source; when set to "Off", the device requires a long press of the power button to power on after being connected to a power source.
9. **Language:** Supports setting the menu language to English or Chinese.



Troubleshooting

1. **Incorrect language setting:** Press and hold the knob to enter the menu interface, rotate the knob to find the "语言" option, short-press to enter, and select to switch back to English.
2. **No sound:** Please check whether the input is set correctly and whether the audio cable is firmly connected.
3. **Abnormal sound** (such as stuttering, low volume, etc.): Please try to clear the paired list and reconnect, or restore factory settings by pressing and holding the power button and the knob button for 3 seconds.

Parameters

- Power Input:** DC 5V/1A
- Power Consumption:** 5V/0.2A
- Bluetooth Version:** 5.4
- Bluetooth Formats:**
 - Classic Bluetooth: SBC, aptX, aptX HD, aptX Adaptive(aptX Low Latency, aptX High Quality, aptX Lossless)
 - LE Audio: LC3, aptX Lite
- Communication Distance:** about 50 meters
- Dimensions:** 12.0×10.2×4.2cm
- Weight:** 0.36kg

Packing List

- MX-02 ×1
- Bluetooth Antenna ×1
- TYPE-C Cable ×1
- User Manual ×1
- Warranty Card ×1

Warranty Information

Our products can enjoy 12-month free warranty services from the date of the sale, if the warranty period is expired, our company will charge parts cost depend on the product fault conditions. Accessories are not covered under warranty.

Company Name: xDuoo Technology Co.,LTD

Company website: www.xduoo.net

After-sales hotline: +86 0755-29799189

After-sales address: Room F1510,MingYue HuaDu Building,GongHe Industrial Road, XiXiang Town,Bao'an District,ShenZhen,China