MX-C1
User Manual

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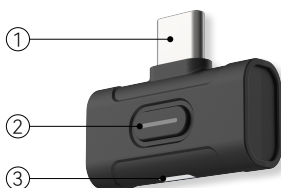please read this manual carefully and keep it in a safe place for future reference.

Product Introduction

The MX-C1 is a HIFI Bluetooth transmitter that can connect to the USB ports of audio devices such as computers, smartphones, and tablets. It transmits a variety of high-definition Bluetooth formats, enabling wireless transmission of high-quality audio to your Bluetooth receiving devices like Bluetooth decoders, power amplifiers, and headphones, thus enhancing Bluetooth audio quality.

It adopts the Qualcomm Bluetooth chip QCC3086 and supports the Bluetooth 5.4 technical, boasting more advantages in transmission performance and functionality. In addition to supporting Bluetooth formats in Classic Bluetooth such as aptX, aptX AD, and aptX HD, it also supports encoding formats like LC3 and aptX Lite in LE Audio, the new-generation Bluetooth technology. These formats feature lower latency and higher sound quality, delivering an excellent experience not only when listening to music but also in gaming and audio-visual scenarios.

Product Features

1. Can convert audio devices without Bluetooth functionality or with poor Bluetooth quality into high-quality Bluetooth signals for transmission.
2. Battery-free design, plug-and-play, with extremely low power consumption.
3. Adopts Qualcomm QCC3086 chip, supporting Bluetooth 5.4 technology.
4. Adopts Snapdragon Sound technology, providing high-fidelity audio transmission.
5. Supports classic high-definition Bluetooth encoding formats such as aptX AD, aptX HD, and aptX.
6. Supports higher-quality encoding formats in LE Audio technology like LC3 and aptX Lite, enabling efficient and ultra-low latency transmission.
7. USB Audio input, compatible with audio up to 24bit/96kHz.
8. Compatible with USB inputs of devices such as computers, smartphones, tablets, and game consoles.
9. Colorful indicator light design for easy checking of the current Bluetooth format status.

Operation Instructions

① **USB Signal Input Port:** Can connect to the USB ports of audio devices
② **Multi-function Button:**
  A. **Press for 3 seconds to enter pairing:** After powering on, the device will automatically search for nearby Bluetooth devices and attempt to connect. If it fails to connect to a Bluetooth receiving device, press the button for 3 seconds to enter pairing (the blue light flashes rapidly at this time). Once pairing is successful, the blue light remains on.
  B. **Short press to change Bluetooth formats:** After connecting to a Bluetooth device and successfully playing music, short press of the button can change Bluetooth formats (music will pause briefly during changing).
  C. **Double press to change to LE Audio format:** The device uses the classic Bluetooth format by default after successful connection. To change to LE Audio format, double press the button. After a successful changed, short press of the button can cycle through other formats under LE Audio. To change back to the classic Bluetooth format, double press the function button again.
  D. **Long press for 6 seconds to clear pairing records:** To clear pairing records, long press the function button for 6 seconds to clearing. After successful clearing, the indicator light first turns white, then change to rapid blue flashing, entering the pairing state.
③ **Status Indicator (Multi-color):**
  A. When the device is powered on and connected, the indicator light first turns white, then flashes blue rapidly to enter pairing mode. Once paired successfully, the blue light remains on.
  B. When playing music, the indicator light displays different colors according to the current Bluetooth format, with the corresponding relationships as follows:
  ● Classic Bluetooth: aptX AD-Lossless (white), aptX AD (purple),
                     aptX HD (purple), aptX (purple), SBC (green).
  ● LE Audio: aptX Lite (yellow), LC3 (cyan)
  C. When in the waiting-for-reconnection state, the indicator light flashes blue slowly.

Pairing and Connection

A. The MX-C1 supports password-free connection. After powering on, if there are no connection records, it will automatically search for nearby Bluetooth devices and prioritize connecting to the device with the strongest signal (the closer the distance, the stronger the signal).
B. Once the MX-C1 has connected to a Bluetooth device, it will automatically record the connected device. When powered on next time, it will automatically reconnect to the last connected device or a device in the pairing records. If no device in the pairing records is found, it will remain in the waiting-for-reconnection state. To connect to a new device, long press the function button for 3 seconds to enter pairing mode, and then it can search for and connect to nearby Bluetooth devices.

C. If the connected Bluetooth device moves out of range or is turned off, this device will enter the waiting-for-reconnection state and continuously search for devices in the pairing records. To connect to a new device, long press the function button for 3 seconds to enter pairing mode, and then it can search for and connect to nearby Bluetooth devices.
D. A maximum of 8 pairing records can be saved. If this number is exceeded, the earliest connection record will be automatically cleared. To clear all Bluetooth records, long press the function button for 6 seconds to complete the clearing.
E. After connecting to a Bluetooth device, the classic Bluetooth format is used by default, with the priority order being aptX AD > aptX HD > aptX > SBC. The device will transmit according to the highest format supported by the receiving device. You can then press the function button briefly to switch to other supported formats.(Note: aptX AD is further divided into three sub-formats with the priority order of aptX Lossless > aptX High Quality > aptX Low Latency, which are transmitted according to the priority of the receiving end and cannot be switched via the button.)
If switched to LE Audio, the format priority order is aptX Lite > LC3.
*Note: Formats not supported by the receiving device cannot be switched to.

Product Specifications

Input: USB-C
Power Consumption: 5V/0.018A
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
Transmission Latency: <20ms
Transmission Distance: About 10 meters
Size: 29.6×23×8mm
Weight: 3g