



Hyper Car Power Transmitter™

FM Transmitter

User manual

EN



Product Diagram (components):

1. Light switch
2. Previous track
3. Phone/Music button
4. Next track
5. Indicator light
6. Quick charging QC3.0
7. Microphone (MIC)
8. LED display
9. Quick charging PD

Product Presentation:

3mk Hyper Car Power Transmitter™ is a metal FM transmitter with hands-free function, music player, and a 48W fast charger. It enables music and calls streaming to the car audio system while simultaneously charging two devices. With Bluetooth 5.3 and a range of 87.5-108.0

MHz it offers a stable connection and clear sound. It supports fast charging (PPS, QC 3.0, PD 3.0), and RGB LED backlighting allows for personalization.

Package contents:

- 3mk Hyper Car Power Transmitter™
- User manual

Technical Specification:

Model Name: 3mk Hyper Car Power Transmitter™

Model Number: TR-48W-1A1C

Connectivity Technology: Bluetooth 5.3

Bluetooth Frequency Range: 2402-2480 MHz

Bluetooth RF Maximum Output Power (E.I.R.P.): ≤ 3 dBm

Effective Bluetooth Range: 10 m

FM Frequency: 87.5 MHz-108.0 MHz

Input Voltage: 12V-24V DC

Input Current: 4.2A

Output Current:

- **USB-A:** 5V/3A, 9V/2A, 12V/1.5A (QC 3.0 max 18W)
- **USB-C:** 5V/3A, 9V/3A, 12V/2.5A (PD 3.0 max 30W)
- **USB-A + USB-C:** max 48W

PPS: 3.3V-11V/3A

Connectors: 1 x USB-A, 1 x USB-C

Maximum RF Power (ERP): ≤ 50 nW (-43 dBm)

Material: metal housing made of zinc alloy

Product Features:

- Bluetooth audio transmission, FM
- Compatible with most smartphones and tablets as well as other devices powered by USB-A/USB-C ports
- Supports QC 3.0, QC 2.0, PD, Huawei FCP, Samsung AFC, BC1.2, Apple 2.4A and other charging protocols
- Supports music formats: WMA, MP3, WAV, APE, FLAC
- Supports Bluetooth hands-free function, voice, music, navigation transmission
- Over-voltage, short-circuit, current, temperature protection
- Low voltage alarm
- Seven color LED lights
- Automatic connection

User Instructions:

1. Insert the product into the car's cigarette lighter after turning on the vehicle. The product will turn on automatically after being inserted and display the frequency.
2. Turn on the car's FM radio and select an empty FM channel.
3. Adjust the product's frequency to match the car radio's frequency.

4. Enable Bluetooth on your phone, search for the Bluetooth device "BC76" and connect.

5. After a successful connection, you can play music, navigate or make/receive calls.

FM Frequency Adjustment:

1. Press and hold the main button to enter FM mode.
2. Press the arrow buttons to increase or decrease the frequency, wait 3 seconds to automatically confirm and save the frequency or briefly press the main button to confirm.

Volume Control:

Long pressing the left arrow decreases the volume, while the right arrow increases the volume.

Music Control:

- **Pause/Play:** click the main button
- **Last track:** click the left arrow
- **Next track:** click the right arrow

Picking/Receiving Calls:

- **Answering a call:** click the main button
- **Disconnecting the call:** click the main button
- **Redialing:** double-click the main button
- **Rejecting a call:** long press the main button

Ambient Lighting:

- **Switching monochromatic light:** click the "light" button
- **Switching variable light:** long press the "lamp" button

Tips:

1. Do not set the radio volume too high (usually 18 or below), to avoid increasing feedback noise.
2. Although the transmission power of this product is relatively high, it is better to skip frequencies with a strong local signal for better sound quality.

Precautions:

1. Keep away from children: risk of choking, electric shock or swallowing small parts.
2. Avoid contact with water: risk of electric shock, damage to electronics or short-circuit.
3. Do not use a damaged product. Damaged parts may pose a risk to the user.
4. Do not expose to high temperatures: risk of overheating, explosion or fire.
5. Warnings: Do not disassemble, keep away from children, do not use in extreme temperatures.

Warranty:

Improper use or incorrect placement of this product by users may result in reduced lifespan or damage, and any resulting damages are not covered by the warranty or deemed the responsibility of the manufacturer. The warranty covers factory defects and material flaws. The manufacturer's warranty is 24 months.

Disposal and Recycling Information:

The crossed-out bin symbol on the product, battery, documentation or packaging indicates that products and batteries should be handed over to designated waste collection points set up by local authorities at the end of their life cycle. This ensures that WEEE waste is recycled and processed in a way that protects valuable materials and safeguards human health and the environment.

Declaration of Conformity:

Hereby, 3mk Protection declares that the product complies with the relevant Community harmonization legislation: 2014/53/EU, 2011/65/EU. The full text of the declaration of conformity is available at: 3mk.global/manual.

Designed in Poland by:

3mk Protection Sp. z o.o.
Krotoszyńska 35, B-02/4a
63-400 Ostrów Wielkopolski
VAT ID PL 6222833086
3mk@3mk.pl

Made in China.

