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> YETHKE Bluetooth 5.4 Car Adapter with Retractable Charger (Model PT-42) Instruction Manual

YETHKE PT-42

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Model: PT-42 | Brand: YETHKE

1. INTRODUCTION

This manual provides detailed instructions for the YETHKE Bluetooth 5.4 Car Adapter with Retractable Charger, Model PT-42. This device integrates multiple functions including Bluetooth audio streaming, FM transmission, hands-free calling, and multi-device fast charging with retractable cables. Please read this manual thoroughly before use to ensure proper operation and safety.



Image 1.1: YETHKE Bluetooth Car Adapter (Model PT-42) in use.

2. SAFETY INFORMATION

- Ensure the device is securely plugged into the car's cigarette lighter socket.
- Do not expose the device to extreme temperatures, moisture, or direct sunlight.
- Avoid disassembling or modifying the device, as this may void the warranty and pose safety risks.
- Keep the device away from children.
- Monitor the car battery voltage display to prevent battery drain. An alarm will sound if voltage drops below 11.5V.

3. PRODUCT OVERVIEW AND FEATURES

The YETHKE PT-42 is designed for convenience and efficiency in your vehicle. Key features include:

- **Upgraded Bluetooth 5.4:** Provides faster pairing, stronger anti-interference, improved sound quality, and lower power consumption compared to Bluetooth 5.3.
- **4-in-1 Fast Charging:** Equipped with a 30W PD Type-C retractable cable, a 12W Apple retractable cable, a 15W USB-C port, and a 12W USB-A port, offering a total output of 69W.
- **Retractable Cables:** Two built-in cables (Type-C and Apple Lightning) extend up to 80cm (31.5 inches) for convenient use and retract for a tidy interior.
- **FM Transmitter:** Allows audio streaming from your device to your car's radio.
- **Hands-Free Calling:** Integrated controls for answering, rejecting, and ending calls.
- **Real-time Voltage Display:** Monitors your vehicle's battery voltage.
- **180° Adjustable Design:** Allows for flexible positioning to fit various car interiors.
- **Wide Compatibility:** Supports iPhone 12-17 series, Samsung S23-S24 series, iPad series, Switch, and other USB-C/USB-A devices. Compatible with most 12-24V vehicles (Cars, SUVs, RVs, Trucks).



Image 3.1: Overview of product features.



Image 3.2: Bluetooth 5.4 technology advantages.

4. SETUP INSTRUCTIONS

4.1. Initial Connection

1. Insert the YETHKE Car Adapter into your vehicle's 12V-24V cigarette lighter socket. The device

will power on and display the current car battery voltage.

2. Tune your car radio to an empty FM channel (one with no static or broadcast).
3. On the YETHKE adapter, long press the 'M' button (middle button) for 5 seconds to enter FM mode. Use the 'Previous Song' and 'Next Song' buttons to adjust the adapter's FM frequency to match your car radio's empty channel.

4.2. Bluetooth Pairing

1. Once the FM frequency is set, the adapter will automatically enter Bluetooth pairing mode. The display will show 'BT'.
2. On your mobile device, enable Bluetooth and search for available devices. Select 'PT-42' from the list to connect.
3. A voice prompt will confirm successful pairing. The device will automatically reconnect to your phone in the future.



Image 4.1: Step-by-step setup for FM and Bluetooth connection.

5. OPERATING INSTRUCTIONS

5.1. Charging Devices

The adapter offers multiple charging options:

- **Retractable Cables:** Pull out the integrated Type-C (PD 30W) or Apple Lightning (12W) cables to charge compatible devices. To retract, gently pull the cable out an additional 1cm and release.
- **USB-C Port:** Use your own USB-C cable to connect and charge devices via the 15W USB-C port.
- **USB-A Port:** Use your own USB-A cable to connect and charge devices via the 12W USB-A port.



Image 5.1: Multiple device charging capability.



Image 5.2: Retractable cable operation.

5.2. Music Playback

- After successful Bluetooth pairing, music from your mobile device will stream through your car's FM radio.
- Use the 'Previous Song' and 'Next Song' buttons on the adapter to control track selection.
- The middle button can be used for Play/Pause.

5.3. Hands-Free Calling

- When a call comes in, press the phone icon button on the adapter to answer.
- Press the phone icon button again to end the call.
- Long press the phone icon button to reject an incoming call.

Hands-Free Operation

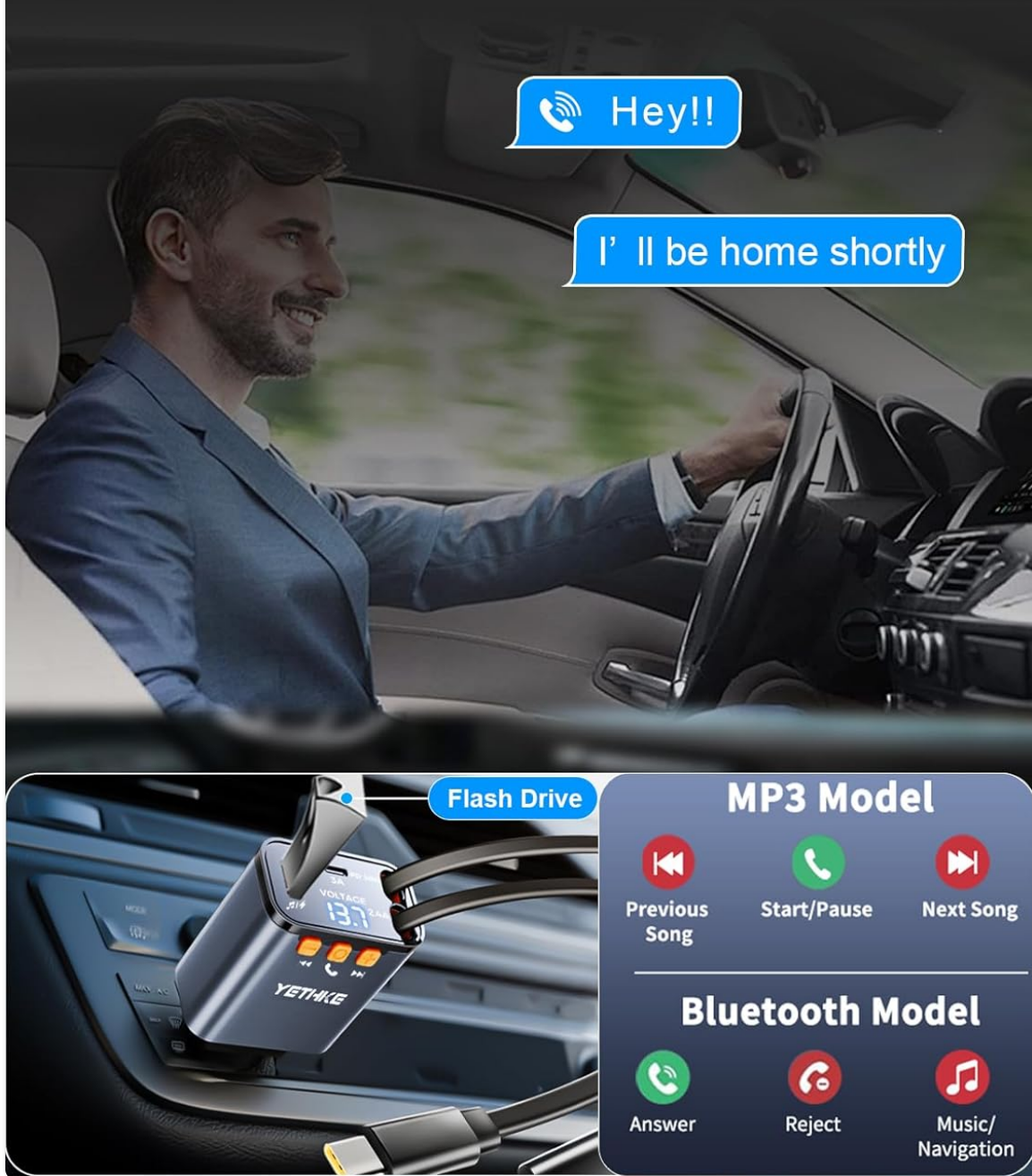


Image 5.3: Hands-free operation controls.

5.4. Voltage Display

The LED display on the adapter shows your car's real-time battery voltage. This helps you monitor the health of your vehicle's battery. If the voltage drops below 11.5V, an alarm will sound, indicating a potential issue or excessive power draw.

NEVER MESSY SAFETY & TIDIER



Real-time battery voltage monitoring



OTHER

Messy & Unknow
Battery Health

Image 5.4: Real-time battery voltage monitoring.

6. MAINTENANCE

- Keep the device clean by wiping it with a dry, soft cloth.
- Avoid using harsh chemicals or abrasive cleaners.
- Ensure the retractable cables are free from obstructions to prevent damage during retraction.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--------------------------------|---|---|
| No power/display off | Loose connection; car socket issue | Ensure the adapter is firmly plugged in. Check if the car's cigarette lighter socket is functional. |
| Cannot pair via Bluetooth | Bluetooth not enabled; device too far; interference | Ensure Bluetooth is enabled on your phone. Keep phone close to the adapter. Restart both devices. |
| Static/Poor FM audio quality | FM frequency interference | Find a clearer, unused FM frequency on your car radio and match the adapter's frequency. |
| Slow charging | Cable not fully extended; device not fast-charge compatible | Ensure retractable cables are fully extended. Verify your device supports fast charging protocols (PD/QC). |
| Cables not retracting smoothly | Obstruction; improper retraction technique | Check for any physical obstructions. Gently pull the cable out an additional 1 cm and release to activate the retraction mechanism. |

8. SPECIFICATIONS

- **Model Number:** PT-42
- **Brand:** YETHKE
- **Bluetooth Version:** 5.4
- **Input Voltage:** 12-24V
- **Total Output Power:** 69W Max
- **Retractable Cable 1 (Type-C):** PD 30W
- **Retractable Cable 2 (Apple Lightning):** 12W
- **USB-C Port:** 15W
- **USB-A Port:** 12W
- **Retractable Cable Length:** Up to 80cm (31.5 inches)
- **Special Features:** Bluetooth 5.4, Fast Charging, Multi-Device Charging, Retractable Cable, Short Circuit Protection, Battery Voltage Detection
- **Material:** Metal
- **Color:** Gray
- **Item Weight:** 5.9 ounces
- **Package Dimensions:** 6.81 x 2.68 x 1.54 inches

9. WHAT'S IN THE BOX

- 1 x YETHKE Bluetooth Car Adapter with Retractable Charger

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the product packaging or contact YETHKE customer service directly. Keep your purchase receipt for any warranty claims.