

BLUETOOTH FM TRANSMITTER & 54W CAR CHARGER

with USB-C PD & QC3.0 fast charging



USER MANUAL

Product Overview



- 1 **USB-A QC3.0 port** — charges up to 18W
- 2 **USB-C PD port** — charges up to 36W
- 3 **Previous / FM - button**
- 4 **Built-in microphone**
- 5 **LED frequency display**
- 6 **Multi-function knob** — press & rotate
- 7 **Next / FM + button**
- 8 **12-24V car plug**

Getting Started

- 1 **Start the vehicle** and plug the unit into the car's 12V cigarette-lighter socket — it powers on automatically and the display lights up.
- 2 Turn on your car radio and **tune it to a blank FM channel** with no station.
- 3 **Set the APBT130 to the same frequency** as the radio (see **FM Tuning** on the next page).
- 4 On your phone, open Bluetooth, search for “**APBT130**” and tap to connect.
- 5 Once connected, play **music, navigation prompts or hands-free calls** through your car speakers.

i After the first pairing, the APBT130 **reconnects automatically** each time you start the car. If it doesn't, re-select “APBT130” from your phone's Bluetooth menu.

Button Controls

FM Tuning	Long-press the Next / FM + button to enter tuning (the display flashes). Press the side buttons to step ± 1.0 MHz, or rotate the knob for ± 0.1 MHz. Press the knob to save — or it auto-saves after three flashes.
Volume	Rotate clockwise to raise the volume and anti-clockwise to lower it. A short beep marks maximum volume.
Music	Press the knob to play / pause . Press the left button for the previous track and the right button for the next.
Calls	Press the knob to answer an incoming call and again to hang up . Long-press to reject a call.
Voice Assistant	When connected and not on a call, long-press the knob to wake your phone's assistant; press to exit .
Battery Care	The display flashes if the car battery drops below 11.5V . When idle and undervoltage, the unit powers off after 10 minutes to protect the battery.

Specifications

Bluetooth	Version 5.3
FM frequency	87.5 – 108.0 MHz
Input voltage	DC 12 – 24V
Maximum output	54W (Combined)
Protection	Over-voltage · over-current · short-circuit
Charge protocols	QC3.0/2.0, PD, FCP, AFC, BC1.2, 2.4A

USB-C PD	36W MAX	USB-A	18W MAX
5V/3A	9V/3A	5V/3A	9V/2A
12V/3A		12V/1.5A	
PPS 3.3–11V/3A			

Safety & Troubleshooting

- Keep the car-radio volume moderate and choose an FM frequency with no strong nearby station for the clearest sound.
- Avoid dust, moisture and extreme temperatures; do not drop or disassemble the unit. Contact your dealer for service.

No power	Check the plug makes good contact and the 12V socket has power; unplug and re-insert.
Noise, no sound	Make sure playback isn't paused and the volume isn't set to 0.
Poor reception	Confirm the device and radio share the same frequency and pick an empty FM channel.