

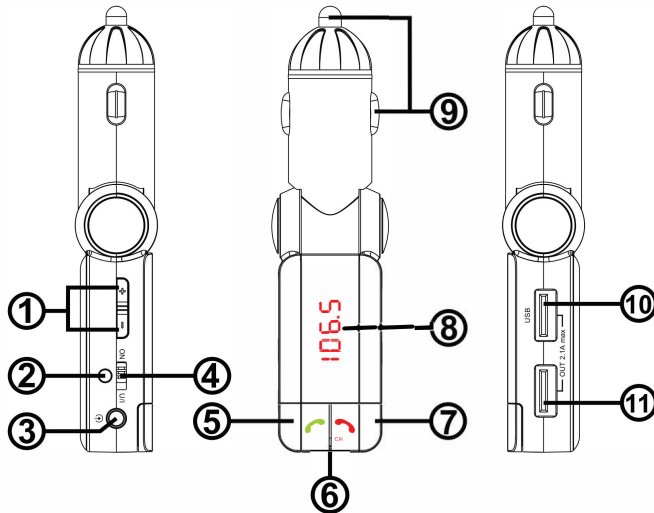
## Operating Manual for APBT200

Thanks for purchasing the APBT200. Please read this operating manual carefully before using in order to ensure correct use of proper functions!

### 1. Introduction to the Product

This product is a Bluetooth handsfree car kit, car charger and music player, It has a built-in MP3 decoder chip that can transmit music files inside the USB disk to your car stereo wirelessly via bluetooth, and can switch an incoming call to the handsfree state as long as your mobile phone is provided with the Bluetooth function. When a call is finished, it will automatically switch back to music play. It can also send music from your phone to your car stereo wirelessly. You can enjoy music and answer calls in handsfree mode without refitting your car, while ensuring driving safety.

### 2. Schematic Diagram of Appearance



### 3. Descriptions of the Schematic Diagram

1. Volume up/down, / CH+ CH-
2. Power indicator lamp
3. Line output
4. The frequency display / car battery voltage display / load current display
5. Answer/redial/Play, Pause

6. Microphone
7. Hang up/CH Mode
8. LED display window
9. Power adaptor 12V-24V
10. Supports USB Play / Charging /Support two-way plug USB
- 10/11. Two USB,total output 5V / 2 .1A (maximum)
11. Charging with intelligent recognition /Support two-way plug USB (it is recommended to charge the device, using this USB interface)

### 4. Product Features

1. Any angle adjustable, and suitable for all types of vehicles
- 2: FM transmitter
- 3: LED display window
- 4: Supports audio output
- 5: Battery voltage display / load current display
- 6: Music playback by USB disk
- 7: Supports MP3 music format
- 8: Answer/hang up/reject/redial the via Bluetooth
- 9: Bluetooth stereo music play
- 10: Call Echo Cancellation and Noise Reduction (CVC) technology
- 11: Dual USB output voltage, provides powers to other devices up to 5V/2.1A
- 12: Automatic memory function of power failure frequency point
- 13: Support USB charging intelligent recognition
- 14: Two way plug USB

### 4.1 Connecting to your radio

Find a station on your radio where there is no commercial station being transmitted, based on the preset stations on the APBT200. Go to 5.2.2 of this manual to adjust the frequencies.

### 5. Operation Instructions




#### 5.1 Bluetooth mode

- 5.1.1 Plug the product into cigarette lighter socket and switch the power to ON. The product will start up and LED will display the frequency point once it is powered.
- 5.1.2 If your phone is connected to the APBT200 for the first time, pairing is required.
- 5.1.3 Enable the Bluetooth function of your phone, turn the APBT200 on and search for "APBT200" device, which will display on your phone.
- 5.1.4 Select "APBT200" and pairing will be automatically done. A prompt sound will be given after pairing.


#### 5.1.5 Making a call

Dial a phone number using your phone and the audio will be played through the car speakers.


#### 5.1.6 Answering a call

If there is an incoming call press  key to answer the call. You can switch between mobile phone microphone and the Bluetooth Car Chargers microphone when in a call by pressing  key to switch between the mobile phone microphone and the product microphone. Press  key to hang up.



#### 5.1.7 Call back

Press  twice to call back the last number dialed.





#### 5.1.8 Reject a call


You can reject a call by pressing the  key.

#### 5.1.9 Playing music in your phone

This product supports A2DP function, which allows you to play music in your phone. Music will be transmitted to your car audio via FM function of the product so that you can enjoy music with higher quality. Press  key to play/pause and press  for the next/last song (note: some phones with lower system version may not support this function).

### 5.2. USB playing mode

- 5.2.1 Plug the device into car cigarette lighter socket, the player detects songs inside the USB drive and plays automatically. Press  buttons to play next or previous songs, short press  to play / pause. Long press  button, digital frequency flashes, short press  for FM frequency increase/decrease.
- 5.2.2 Adjust the APBT200 transmission frequency to match the frequency of the cars radio.

5.2.3 To adjust the transmission frequency: long press  to enter the selected frequency , then the digital frequency flashes, short press "+" "-" key to scroll to desired frequency.

Hold "+" "-" key to scroll through frequencies quickly. Frequency is adjustable within

87.5 - 108MHZ.


5.2.4. It has dual USB ports (Only #10 in diagram on Page 1 can read USB drives ; the maximum output current is 5V/2.1A. When dual ports are used at the same time, the total current is no more than 2.1A; When using one port to play music from your USB drive ,the other port can also be used to charge devices.


### 5.3 Audio output mode

5.3.1 Use the line output for headphones or connecting the APBT200 directly to AUX input of the cars radio.

Reminder: when the line output has a cable inserted, the transmission with bluetooth is muted by default, once removed auto-recovery reverts to the transmitted sound.

### 5.4 Switching between the Bluetooth mode and USB play mode

Long press  to switch between Bluetooth mode and USB play mode. When USB drive is not inserted, it cannot switch to disk mode.

Note: Wait for 10s after turning on the APBT200 before pressing 

### 5.5 Car battery voltage display mode:

When switch to the U / I(Voltage/current), the display shows the car battery voltage. (Voltage display range: 9-30V, over range display HHH; error  $\pm 1V$ )

**Tips: Voltage displayed on device is operating voltage, when it lower than 12V, display flashes; please check if the battery voltage is normal to avoid car not start caused by battery fault.**

### 5.6 Load current display mode:

The switch to the U / I(Voltage/current), connect the load, Scrolling displays the load current / car battery voltage. (Load current is less than 0.13A does not display .Error  $\pm 0.1A$ )

### 5.7. Charging intelligent recognition

When plug a USB lead into to the charging port (#11 in diagram), it can recognize the device type intelligently and provide max charging current to save charging time.

### 6. Powerl off memory

Each time you turn off the APBT200 the system will memorize the information like the FM frequency and the song you are playing . And when you use it next time, the song

will continue being played. But when you remove or change the storage or the system detects the wrong status, the system will play the first song .

## 7. Technical Parameters

|  |  |
|--|--|
| Rated working voltage                      | 12V-24V  |
| Limit working voltage                      | 9 ~ 26V  |
| USB output                                 | 5V/2.1A  |
| Working temperature                        | 0~50 $\square$   |
| Charging intelligent recognition           | support  |
| Play format                                | MP3  |
| Battery voltage display accuracy           | Error $\pm 1V$   |
| Load current accuracy                      | Error $\pm 0.1A$   |
| SNR  | >60dB  |
| Degree of distortion                       | <0.1%  |
| Frequency response                         | 20Hz-15Khz   |
| Resolution of right and left channel       | >60dB  |
| Bluetooth version                          | Version 5.0+EDR  |
| Bluetooth sound processing                 | A2DP (Advance Audio Distribution Profile) function supported |
| Bluetooth transmission distance            | less-than 10M  |
| Effective distance of Bluetooth microphone | 0.5-2M   |
| FM frequency                               | 87.5~108Mhz  |
| FM Mode                                    | Stereo digital PLL frequency locking                         |

## 8. Attention/Warning

1. This product contains dual USB outputs, both support two-way plug USB, It can charge two devices at the same time with the maximum output of 5V/2.1A.
2. There is only one port for USB playback which is showed in the picture on page 1
3. When USB drive is inserted and then Bluetooth is turned on, boot priority is the Bluetooth connection (after 17 seconds no Bluetooth pairing is successful, automatically switches to the USB drive mode); when the Bluetooth connection is on and then USB drive is inserted, the latter takes precedence.
- 4.Never turn the volume to be too loud when FM is working so as to avoid the sound distortion. Please adjust the sound volume through the car audio.

5. A built-in antenna is provided for the product, so please avoid using the broadcasting station frequency that is with strong signal so as to get better sound effect.

6. The procedure to pair your phone via Bluetooth may differ depending on what phone you have.

7. Some phones may not support automatic connection if they are powered on after a power failure. If this is the case, please connect it manually.

8. This product is compatible with more than 95% phones on the market but some are still incompatible. Please make sure your phone is compatible with this product.

9. Do not use this product in environments with high temperatures, dust or moisture.

10. Avoid dropping the product to prevent damage to the surface or the body.

11. The Bluetooth of this product supports background play. If there is a prompt tone when playing music via USB drive, it will be automatically switched to the Bluetooth mode. It will return to USB drive mode after ending the cue tone or call.

### What's in the box

1. APBT200 Bluetooth Car Charger
2. User Manual
3. Auxiliary Cable

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

### Technical Assistance

If you need assistance setting up or using your Aerpro product now or in the future, call Aerpro Support. Australia. Mon-Fri 9am – 5pm AEST

TEL: 03 – 8587 8898

FAX: 03 – 8587 8866

Please retain this user guide for future reference.

If you would like to download a digital copy of this manual, or other Aerpro manuals/ software, please visit the Aerpro.com website and search for information on your model.

