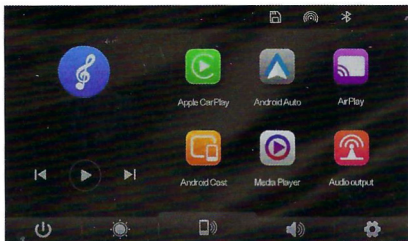


T86PND 7-Inch Smart Player

User Manual



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1. Product overview

The T86PND as a multifunctional media player, it has numerous entertainment functions to bring you more driving pleasure. The 7-inch high-definition screen makes the picture look more delicate. Equipped with FM wireless transmitter function and AUX audio cable, you can choose the sound transmission mode according to the actual situation. The portable installation design does not need to disassemble any interior components. This product can also play movies and music from the TF card. You can play music while driving and watch movies while resting.

2. Product composition list

List of Accessories:

name	graphic	instructions	number
The host		7 -inch FHD display (1024*600) / touch control/Bluetooth / Wi-Fi / FM Transmitter / Type-C interface power supply	1
The power cord		Type-C power cable / 7V-32V /3A current/integrated line/cigarette lighter	1
Monitor base		To support the display and fix it on the center console	1
Monitor base		In combination with the display, attach the display to the windshield of the car	Optional
AUX cable		Audio signal transmission cable/3.5mm jack	1
Monitor base		For fixing the monitor	Optional
Bracket sticker		For fixing bracket	1
Specification		Introduce specific methods and steps about the use of the product	1

3. Product description

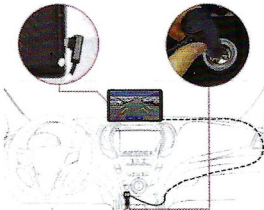
Project	Function introduction	Performance indicators
system	Language	Simplified Chinese / Traditional Chinese / English / Russian / Spanish / French / German / Japanese / Korean / Italian / Polish / Portuguese / Bulgarian
	Operation interface	Graphical menu operation
	Mode of operation	Touch
Video display	Real-time display	7-inch FHD IPS screen, 1024 x 600
	The screen saver	Screen savers can be set to: off / 1 min / 5 min
Smart connected	Wi-Fi	Supports Apple CarPlay / Android Auto / Apple AirPlay / Mirror Cast
	Bluetooth	Support Bluetooth music playback
	FM	FM Transmitter support, connected to the car radio
The video store	TF card	Play movies, music and video
Audio part	The microphone	Support voice control, menu can be set to turn off
Power part	The power input	The voltage drop line supports 7V~32V wide voltage and has power protection circuits such as surge, overload, overvoltage, undervoltage and short circuit
Other	Working temperature	-4~149 ℃
	The cooling way	Passive cooling

4. Specification requirements of TF card

TF card can be used to store movies and music, which can be played after being inserted into the machine. Please use TF cards from major brands such as SanDisk, Kingston, Toshiba, and Samsung. Speed certification must be at least Class10

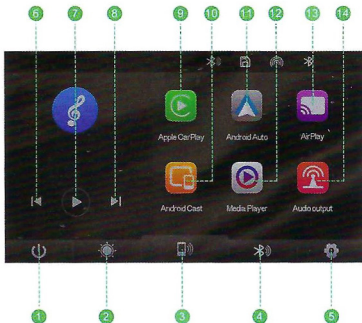


5. Wiring instructions



Port	Instructions
Type-C interface	Monitor power supply interface
Cigarette charger	The cigarette lighter takes power directly Note: The product comes with a cigarette charger as standard. If you do not use our original charger, you need to buy a compliant high-quality cigarette charger, otherwise it is easy to damage the machine or cause other injuries due to insufficient voltage and heat. And FM Transmitter function cannot work normally.

6. Interface specification



1. **Screen off:** tap to turn off the screen

2. **Brightness:** tap to adjust screen brightness

3. **Wireless:** Click to use the wireless function

4. **Audio:** Click to select the sound output mode

5. **Settings:** Click to enter the settings interface

6. **Previous song:** Click to the previous song

7. **Play/Pause:** Tap to play/pause music

8. **Next song:** Click to the next song

9. **Apple CarPlay:** Special connector for iPhone

10. **Mirror Cast:** Android phone can mirror screen

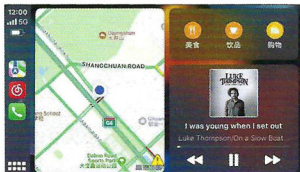
11. **Android Auto:** Special connector for Android mobile phone

12. **Media Player:** Click to play video or music

13. **AirPlay:** Apple mobile phone can mirror screen

14. **Audio output:** Click to select the sound output mode

A. Apple Carplay

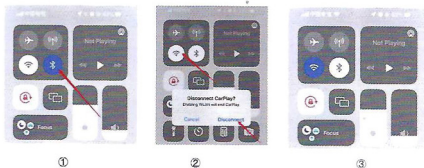


As shown in the figure, click the [Apple CarPlay] button to enter the Apple CarPlay.

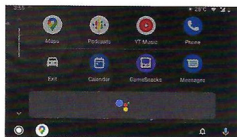
Turn on the Wi-Fi and Bluetooth of the mobile phone first, then as shown in the figure below, select the [Apple CarPlay] option, click the [BT Manage] option of the interface, connect Bluetooth with the phone, you can open the application. When the machine is powered on, it will try to automatically connect to the last connected phone.

(The Apple Carplay option only supports iPhones, **turn off the phone Wi-Fi button to disconnect**)

Note: In the drop-down menu of the mobile phone, you need to click to turn off Bluetooth first, and then click the Turn off the Wi-Fi to disconnect. Just turn off the WiFi button alone, and the car will keep trying to reconnect.



B. Andorid Auto

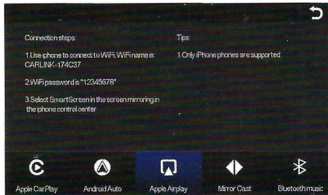


As shown in the figure, click the [Android Auto] button to enter the Android auto. Turn on the Wi-Fi and Bluetooth of the mobile phone first, then as shown in the figure below, select the [Android auto] option, click the [BT Manage] option of the interface, connect Bluetooth with the phone, you can open the application. When the machine is powered on, it will try to automatically connect to the last connected phone.

The Android Auto option only supports Android phones, **turn off the phone Wi-Fi and Bluetooth to disconnect**)

After replacing the mobile phone, the connection data of the previous mobile phone will be erased.

C. AirPlay



Airplay can transmit video, audio and pictures from iPhone device to car equipment. The carrier of transmission is WiFi, which is fundamentally different from Bluetooth wireless.

1. Requires an iPhone to connect to WiFi



2. Select SmartScreen in Screen Mirroring in the iPhone Control Center

Note: Only for iPhone

D. Mirror Cast



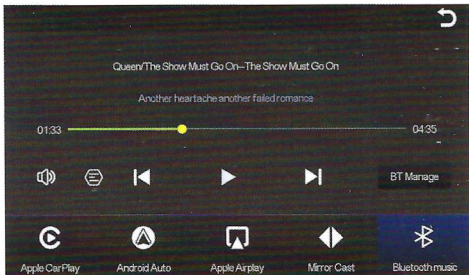
It can realize the mirror projection of the mobile phone and the car machine.

You need to scan the code with your mobile phone to download, install and run the "TcLink" application.



Note: Only for Android phones

E. Bluetooth Music



Turn on the Bluetooth of the mobile phone first, and select [Bluetooth Music] option. Click the [BT Manage] option on the interface to connect Bluetooth to the mobile phone and start playing music.



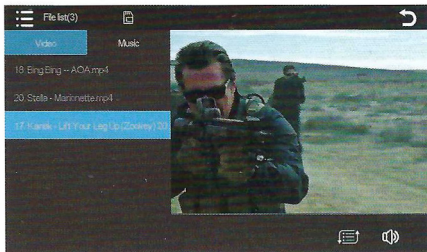
The buttons correspond to "previous song", "play/pause" and "next song" respectively.

Click on the Lyrics button [] to display the lyrics.

(Some music player apps do not support displaying lyrics)

F. Media Player

As shown in the figure above, click the [media player] button to enter the movie and music playing interface.



Click the 【file list】 to select the music playing mode and play the music on TF Card.

The lower left corner buttons correspond to: "Play / Pause" and "Next paragraph" respectively. [▶ ⏮]

Click the Return button in the top right corner [⏪] to return to the main interface.

Slide the volume bar in the lower right corner to adjust the volume.

Video support format	Coding format
F4V	AVC (H.264)
MOV	AVC (H.264)
MP4	AVC (H.264)
TS	AVC (H.264)

Audio format support: MP3 / WAV

G. FM Transmitter



As shown in the figure, click the [FM Transmitter] button to enter the FM Transmitter function: it can emit the sound of the equipment, receive it with the original car radio, and play it through the original car horn, enjoying the original car level. When you turn on the FM Transmitter option, the monitor will no longer emit any sound. At this time, you need to turn off the FM Transmitter or match the sound to the car's builtin stereo to have sound.

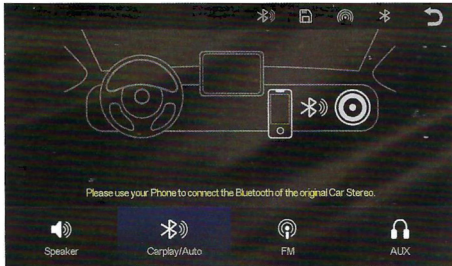
(Not using the original power cord will cause the FM Transmitter signal to deteriorate or the function cannot be used.)

- ① When you enter the FM screen, the FM emission function will start automatically.
- ② Selects the frequency band to be emitted, for example, the FM 106.0 MHZ.
- ③ Car radio also adjusts the acceptance band to FM 106.0 MHZ.
- ④ Car radio can connect to the FM Transmitter signal of the upper system.

After the FM launch connection is successful, all sounds will be sent to the original car speaker.

Note: In FM transmission mode, please adjust the volume through the volume control button on the car

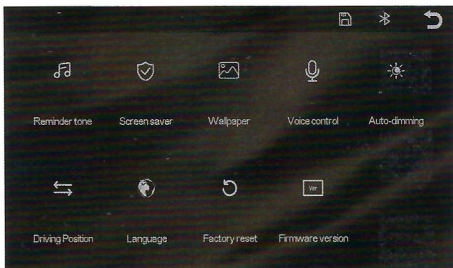
H. Bluetooth



As shown in the figure above, click the [CarPlay/Auto] to switch on the device after entering the Bluetooth interface. Follow the following steps

1. Select CarPlay/Auto mode
2. The phone uses CarPlay or Android Auto to connect to the device
3. The mobile phone uses Bluetooth to connect to the CD in the car
4. After connection, the sound of the device can be transmitted to the original car audio system

I. setting



	Turn on/off the key tone and power tone
	Set the screen brightness automatically. You can set the screen brightness and corresponding time
	Click [Screen saver] to enter the settings: Screen savers can be set to: off / 1 min / 5 min When set for 1 or 5 minutes, the system operates for no corresponding time, and the screen will automatically

	extinguish. After entering the screensaver, then press the power power button to light up the screen.
	Click [Wallpaper] to change the main interface wallpaper
	The screen can be turned on or off by fixed voice commands (Turn on display/Turn off display).
	You can use this to set the position of the CarPlay or Android Auto side buttons
	Click [Language] to enter settings: Language can be set: Simplified Chinese/Traditional Chinese / English / Russian / Spanish / French / German / Japanese / Korean / Italian / Portuguese
	Click [Factory reset] to enter the Settings: Restore the factory settings, and you restore all the settings to the initial state.
	Click on [Firmware version] to enter the menu: This option is available in the current basic version for easy confirmation.

8. Troubleshooting

Item	Problem	Solution
1	Unable to start (Player supports 7V-32V car use, high voltage cannot be used)	①Check whether the DC head of the cigarette lighter power cord is damaged or aging. ②Check whether the fuse of the power plug is disconnected or burned.
2	Touch screen function failure	①Touch is invalid during power-on, wait for normal power-on before operation. ②Check whether the touch is damaged, do not touch the screen with sharp objects, it is easy to scratch and damage.
3	FM transmitter failed to connect	①Please use the original power cable. ②Please increase the volume of the car audio.

	The system is stuck or Player overheating	①Avoid direct sunlight or exposure to sunlight during use. The normal operating temperature of player is -4 ~ 149 °F. ②After disconnecting the power supply, the temperature of player will be lower than 149 °F and work normally.
5	CarPlay connection failed	①The first connection takes a little longer. ②Only iPhone supports CarPlay. ③Check that the WiFi and Bluetooth functions of the mobile phone are normal. ④Enter Settings - General -CarPlay vehicle, delete all records and reconnect. ⑤Restart the iPhone and reconnect it.

6	Android Auto connection failed	①Only Android phones are supported. ②Update Auto and related applications on mobile phones to the latest version. ③Do not enable VPN on the mobile phone. ④Check that the WiFi and Bluetooth functions of the mobile phone are normal. ⑤Restart the Android phone and connect it again.
7	The Bluetooth music	①Please set the player mode to Bluetooth music. Other modes do not support Bluetooth music.

Reminder: Please ensure that there is no obstruction between the mobile phone and the device, and the Wi-Fi/Bluetooth signal communication is smooth, otherwise the product functions cannot be used smoothly.

9. Product parameters

Name	T86PND-7 inches
Chip	High-performance SOC
Wireless system	Apple CarPlay/Android Auto/ Apple Airplay/Mirror Cast/BT
Screen	7-inch IPS material,1024*600 resolution
Storage expansion	Class10 TF Card $\leq$ 128G
Wireless module	Wi-Fi, BT, FM Launch module
Built-in speaker	2 W speaker
FM launch	Adjustable frequency 87MHz-108MHz
Operating Voltage	7V-32V Adaptive
Working power	Less than 10W
Size	182*116*66mm
weight	Approximately 300g including bracket
Material	ABS/PC