

Warning:

Note: This equipment has been tested and found to comply with the limits for aClass B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in aresidential installation, This equipment generates, uses and can radiate radiofrequency energy and, if not installed and used in accordance with theinstructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particularinstallation. If this equipment does cause harmful interference to radio ortelevision reception, which can be determined by turning the equipment ofand on, the user is encouraged to try to correct the interference by one or moreof the following

measures:

-Reorient or relocate the receiving antenna.-Increase the separation between the equipment and receiver.-Connect the equipment into an outlet on a circuit different from that to which the receiveris connected.-Consult the dealer or an experienced radio/TV technician for help.Important: Change or modifications not expressly approved by themanufacturer responsible for compliance could void the user's authority tooperate the equipment

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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2.Product composition list

List of As

List of Accessories:			
name	graphic	instructions	Number
The host	-	7 -inch FHD display (1024*600) / touch control / Bluetooth / Wi-Fi / Audio output Type C interface power supply	1
The power cord	2	Type C power cable / 7V-32V /3A current integrated line/cigarette lighter	1
Pull back camera	\mathcal{O}	AHD FHD (1080P)/4PIN BMW camera	1
Pull the headphone extension cord back	-	Pull back headphone cable / 6m / 2.5mm headphone +4PIN BMW head/double shield/with reverse cable	1
Monitor base	1	To support the display and fix it on the center console	1
AUXAudio cable		Audio output	1

3.Product description

Project	Function introduction	Performance indicators
System	Language	Simplified Chinese / Traditional Chinese / English Russian / Spanish / French / Germa / Japanese Korean / Italian / 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: Turn off / 10 seconds / 30 seconds / 1 minute
Deverse	Reverse display	Automatically switches to the rear view
display	Astern line adjustment	Adjust the reversing line for various models
Smart connected	Wi-Fi	Supports Apple CarPlay / Android Auto Apple AirPlay / MirrorCast
	Bluetooth	Support Bluetooth music playback
	Audio emission	Support local speaker playback, Carplay/Auto, AUX

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

1.Product overview

The T86PND uses a wide-angle camera mounted in the rear of the car to capture images of the rear area and transmit them to the real-time integration equipment. With the help of this system, drivers can intuitively and effectively see obstacles and pedestrians in the rear of the car, reducing the occurrence of collisions and other accidents. This product can also play movies and music from the SD card. You can play music while driving and watch movies while resting.



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The video store	SD card	Play movies and music
Audio part	The microphone	Support voice control, menu can be set to turn of
Power part	The power input	The step-down line supports a wide voltage range of 7-32V, and has car-grade anti-surge, anti-reverse connection and other power protection.
Other	Working temperature	-4~149 °F
	The cooling way	Passive cooling
	camera mirroring	The camera supports mirror display, and the menu can be set

4. Specification requirements of SD card

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



5. Wiring instructions

The details are as follows:

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 Transmitter function cannot work normally.	

6.Camera installation

Locate the drilling hole, find the appropriate installation position in the license plate attachment, mark it with a pen and then drill the appropriate size of the screw hole. Fix the camera to the rear of the car with screws, the reversing trigger wire (red thin wire) needs to be connected to the positive pole of the reversing light, and finally use the camera extension cable to connect to the monitor.



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.

(Turn off Wi-Fi button to disconnect. 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 WiFi button to disconnect. Just turn off the WiFi button alone, and the car will keep trying to reconnect.

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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



7.Interface specification



1.Screen off: tap to turn off the screen 2.Brightness: tap to adjust screen brightness 3.Camera: Click to view the rear camera screen 4.Volume: Click to adjust the volume 5.Settings: Click to enter the settings interface 6.Previous song: Click to switch to the previous song 7.Play/Pause: Tap to play/pause music 8.Next song: Click to switch 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 audio playback mode

A.Apple Carplay



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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. (Turn off Wi-Fi button to disconnect)

After replacing the mobile phone, the connection data of the previous mobile phone will be erased. 08



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 supports Android phones 10

E.Bluetooth Music



Turn on the Wi-Fi and 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.

(Some mobile 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. 11

G.Audio output

As shown in the figure, click the [Audio Output] button to enter the audio output selection interface.



① 【Speaker】: The sound will be played from the speaker of the smart screen.



(4) [AUX] : After selecting this mode, the AUX output mode will be turned on by default. Use the AUX sound source cable to connect the smart screen to the original car. After the connection is successful, all the sounds of the device will be transmitted to the original car speakers through the AUX sound source cable for playback.

After selecting this mode, the volume icon will change to the AUX output icon [I] , and the volume cannot be adjusted on this device, so the volume must be adjusted on the original car.



Click the [file list] to select the music playing mode and play the music on SD 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

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2 [Carplay/Auto] : Select this mode, and then connect to [Apple CarPlay] or [Android Auto] to cast the screen, you can use the phone's Bluetooth to directly connect to the original car's Bluetooth. After the connection is successful, all sounds from the device will be transmitted to the original car speakers via Bluetooth.

After selecting this mode, the volume icon will change to the Bluetooth transmission icon [🏭] , and the volume cannot be adjusted on this device, so the volume must be adjusted on the original car.

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As shown in the figure above, click the Bluetooth button [to switch on the device after entering the Bluetooth interface. The page will display the device name, such as: T86-1CCC0C, and click the Modify button [🗾] to modify the Bluetooth name of the device.

Select the device name with Bluetooth, and the remote device name of the phone will appear after successfully connecting. At this time, you can play mobile phone music and other functions.

After connecting to Bluetooth, you can use the call function:



H.Bluetooth

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After turning on the "Auto Connect" button, even after the mobile phone is disconnected, the machine will automatically try to connect to the phone

Click the Disconnect button [💷] to actively disconnect the Bluetooth.

I.setting



Reverse Line Calibration

Click on [Reversing Control] to enter the settings: The reversing line has two options: Off / On Close: The reversing assist line is not switched on at any time.



Click [Calibration] to enter the settings:





4	Machine heat, jam phenomenon	Avoid direct sunlight or exposure tosunlight during use.The normal operating temperature of 86MP5 is -4~149F.After disconnecting thepower supply, the teperature of T86will be lower than 149 F and worknormally.
5	Carplay cannot connect	The first connection takes alittlelonger. Only iPhone supports Carplay.3Check that the WiFi and Bluetoothfunctions of the mobile phone arenormal. Enter Settings - General -Carplayve- hicle, delete all records andrecon- nect. Restart the iPhone and reconnect it.
6	Android Auto cannot connect	Only Android phones are supported.Update Auto and related applications on mobile phones to the latestversion. 3Do not enable VPN on the mobilephone. Check hat the WiFi and Bluetoothfunctions of the mobile phone arenormal. Restart the Android phone and connect it again.
7	The bluetooth music	Please set the screen casting mode toBluetooth music. Other modes do notsupport 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.

\odot	Click [Screen saver] to enter the settings: Screen savers can be set to: Turn off / 10 seconds / 30 seconds / 1 minute When set for 10 or 30 seconds, 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
Ŷ	Click [Voice Control] to enter the settings: Voice control commands include: Show rear camera / Turn on display / Turn off display After opening the option, in the main interface, say the corresponding command entry, and the system will perform the corresponding operation.
*	Click on [Auto dimming] to enter the settings: You can choose to turn it off or on. After turning it on, the machine will automatically adjust the screen brightness after connecting to the [Apple Carplay] and [Android Auto] modes based on time.
₽	Click [Driving Position] to enter the settings: You can choose the left rudder or right rudder, the shortcut menu bar in Apple Carplay, choose the left rudder on the left, choose the right rudder on the right
۲	Click [Language] to enter settings: Language can be set: Simplified Chinese/Traditional Chinese / English / Russian / Spanish / French / German / Japanese / Korean
ъ	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.

Park the car in the middle of the parking space. Manually drag the left, adjust the position of the reversing assist line up, left and right, so that the reverse assist line is horizontal to the parking line on the left of the ground. JMM Then drag the right side by hand, adjust the position of the reversing assist line up, down and down, so that the reverse assist line is horizontal to the parking line on the right side of the ground.

8. Troubleshooting

Item	Problem	Solution
1	Unable to startT86MP5 supports7V-32V car use,high voltage cannot be used)	check whether the DC head of thecigarette lighter power cord isdamaged or aging. Check whether the fuse of the powerplug is disconnected or burned.
2	No touchphenomenon	Touch is invalid during power-on,wait for normal power-on beforeoperation. Check whether the touch is damaged, do not touch the screenwith sharp objects, it is easy toscratch and damage.
3	The rear view camera has no image	Buy the manufacturer's matching rear-view camera before it can beused. Whether the AVIN interface isinserted to the bottom. 3Check if the camera format matches

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9. Product parameters

Model	P70	
Master control	High performance soc	
Wireless function	Apple Carplay / Android Auto / Apple AirPlay / Mirror Cast	
Screen	7 inches IPs material, 1024*600 resolution	
Storage	SD≤256G Class 10	
Wireless module	WiFi,Bluetooth, reception	
Camera	Rear camera	
Horn	2 w speaker	
Reversing video	Automatic reversing video display	
Working voltage	7V-32v	
Power	Less than 10w	
Material	ABS/PC	