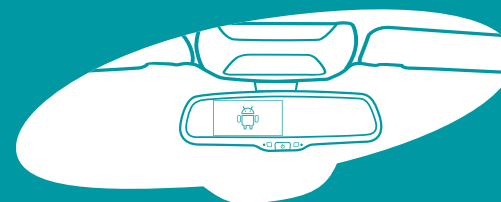


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Android Navigation Mirror Monitor with Bluetooth and Two Ways Recording

User manual

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Chapter One: Introduction

1.1 General introduction

Equipped with the 1GB internal memory, our Android rear view mirror adopts the 4.5 inch high brightness monitor whose brightness is 2 to three times higher than others. The resolution is 854*480, and five fingers can work on the screen synchronously. Users can enjoy the fluency and convenience from it. The Android 4.42 version is similar to many Android phone in operating system and way. Users can download the third program into the mirror itself as they like.

This rear view mirror perfectly integrates full HD recording camera, which can record every great moment in your journey. The full HD DVR recording is the default, that is, when you start the mirror, the DVR will start to record automatically. Then it will run in background. The 4.5 inch Android rear view mirror is customized for you.

1.2 Package

A package contains the items as below.

- ▶ 4.5 inch android system mirror monitor.
- ▶ Wire harness
- ▶ User's manual
- ▶ Cable cover
- ▶ Micro TF card(optional)
- ▶ External GPS antenna

For the items listed above, please check your package box. If any damage, please contact the distributor or agent as soon as possible.

1.3 Features

- ▶ Android 4.42 system
- ▶ 4.5 inch high brightness screen
- ▶ Navigation
- ▶ Full HD recording
- ▶ Motion detect
- ▶ G-sensor
- ▶ Recycle recording
- ▶ WIFI
- ▶ Back up camera display
- ▶ Automatical brightness adjustment
- ▶ Adjustable guide line

1.4 Specifications

| | |
|--------------------|--|
| CPU | Quad-core ARM® Cortex™-A7 |
| Graphic processing | PowerVR SGX544MP2 |
| Operating system | Google Android 4.42 |
| DDR | 1GB DDR3 |
| NAND Flash | 8GB |
| Display | 4.5 inch high resolution (854*480) |
| Screen control | Capacitive touch screen, 5-point touch |
| Camera | Preposition 1080P 30fps; Rear USB |
| Camera angel | 140° |
| Video format | Video: H.264 Audio: AAC |
| File format | Mp4 |
| navigation | Support multiple map |
| Language | Traditional Chinese / simplified Chinese / English / Japanese / French / Portuguese / Italy / Russian / German / Spanish |

1.5 Certifications

The mirror has passed E-MARK /FCC /C-TICK and is compliant with ROHS.

1.6 Function of buttons



light sensor
indicator
mic
short press: turn on/off the screen
long press: turn on/off the mirror

TF card slot (Max 32GB)



horn
Full HD front recording camera
genuine bracket
connector (wiring loom connector)



USB

1.7 GPS antenna and cable



active GPS antenna
connector

GPS signal receiver

red to +12V

yellow to B+

black to GND

back up camera input

connector
(connect mirror monitor)

Chapter Two: Installation and Wire

2.1 How to install mirror

2.1.1 Remove the original mirror



Original rear view mirror



Holder on the windshield

- ▶ Different cars have different brackets. It depends on your vehicle maker and manufacturer.
- ▶ There are many methods to remove the original rear view mirror, however, please don't force the mirror off the bracket.

The manufacturer will not be responsible for any damage caused to your car by wrong installation of the mirror.

2.1.2 Install Android navigation mirror monitor on the base



Take down your original mirror, and make the Android mirror ready.



Make the bracket of car mirror slide by the guidance of arrow, and fasten the bracket to the metal base.



Clockwise rotate screw of the bracket by hexagon wrench, and fix it to the metal base tightly.



Accomplish



Accomplish

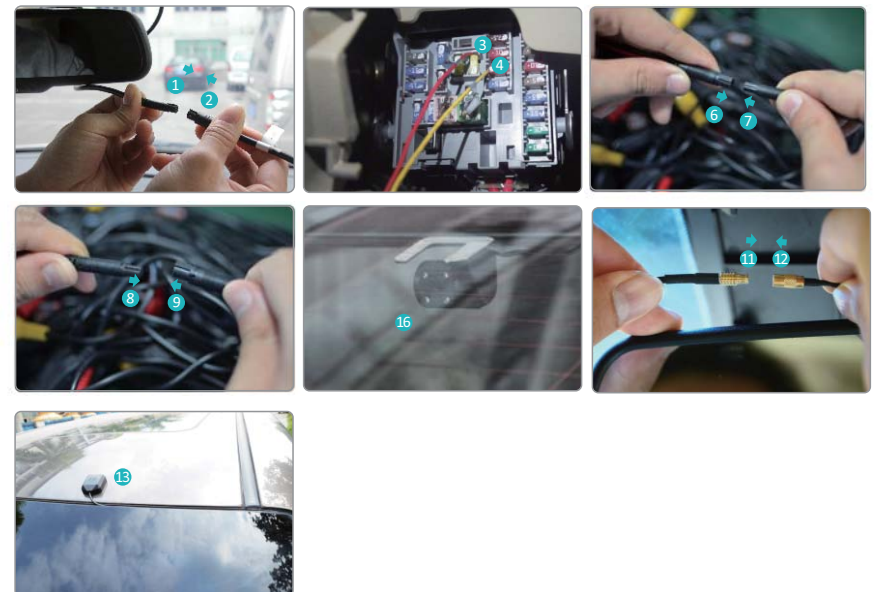
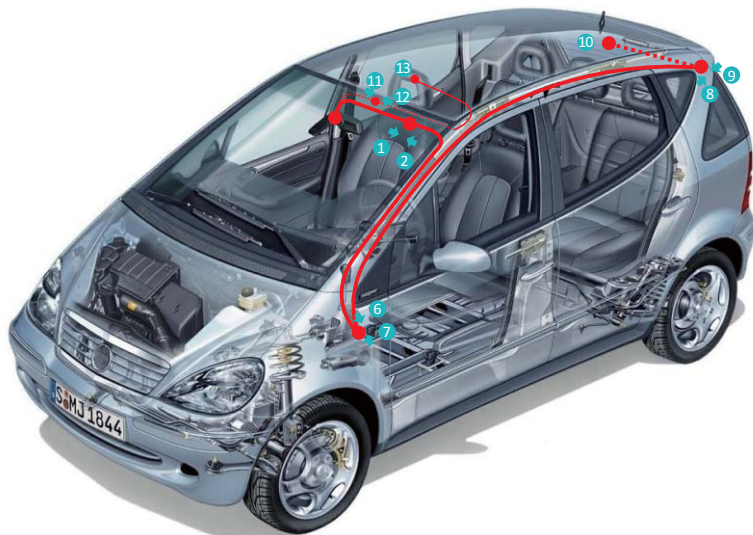
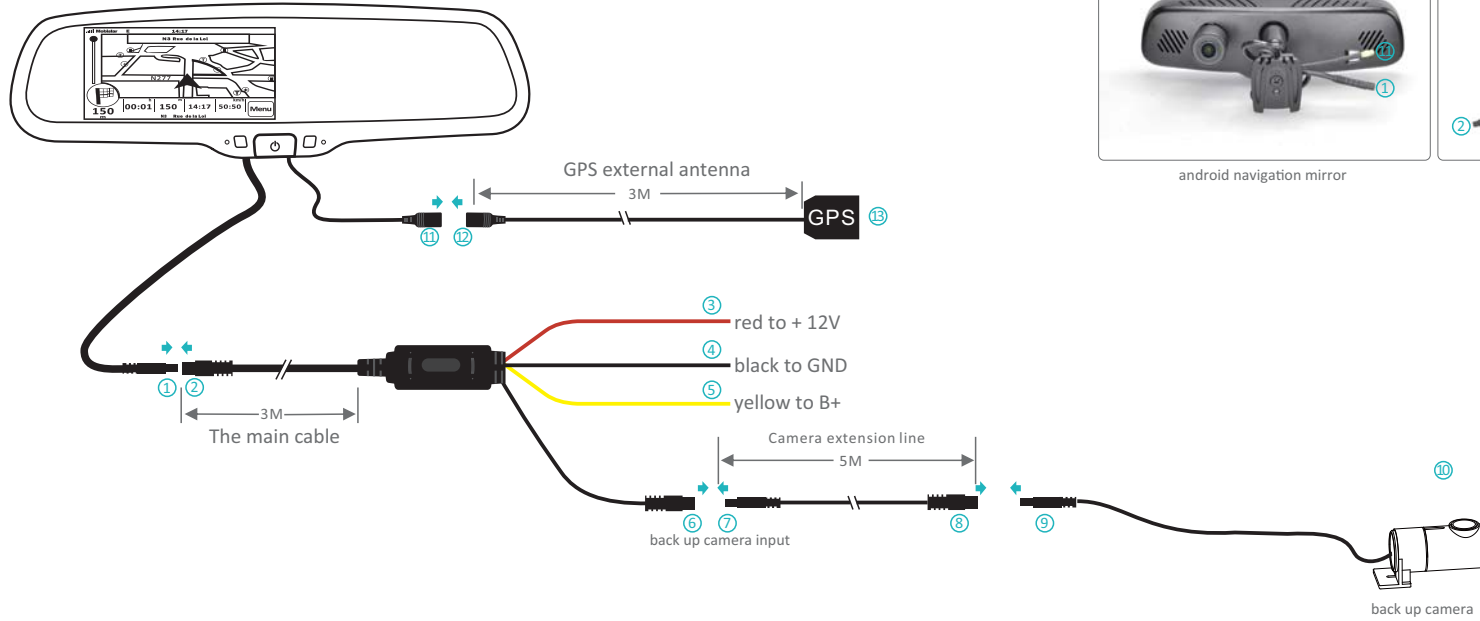
2.2 Special Bracket



We have many kinds of brackets that are suitable for your car, and we are not going to go through more examples of that because the space is limited.

If you can't find the same picture of the bracket here as your car, please contact us.

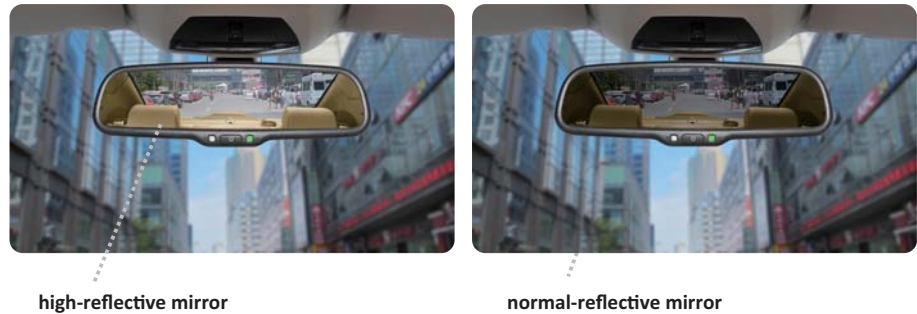
2.3 How to wire



Chapter Three: Basic functions

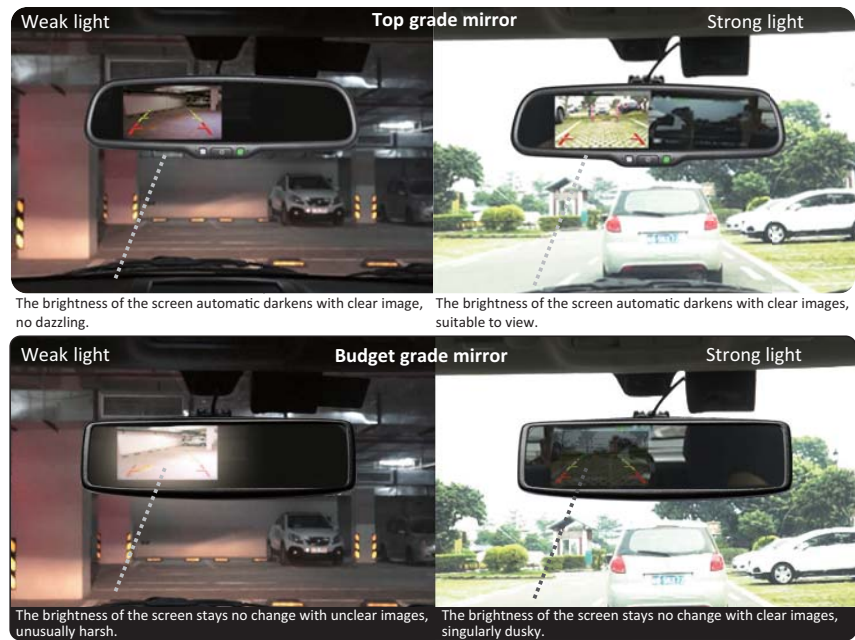
3.1 High-reflectance mirror

Clear back up view displayed on high-reflectance mirror.



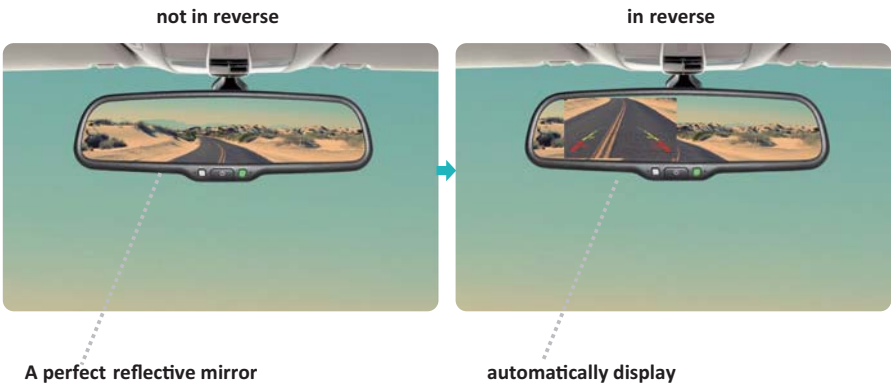
3.2 The brightness of screen automatically adjusts

The brightness of screen varies with ambient light, thereby, to make driver get a clear and comfortable image when reversing.



3.3 Back up camera display

When the car is in reverse, the monitor will automatically display back up camera.



3.4 Main menu



| | |
|--|--|
| | Quickly enter into navigation map |
| | Quickly enter into bluetooth interface |
| | Quickly enter into Dvr interface |
| | Quickly enter into settng interface |
| | Quickly enter into application program interface |
| | Status bar |
| | Back to privous directory |
| | Quickly back to main interface |
| | Volume up |
| | Volume down |

3.5 Navigation

Click the navigation buttons on "GPS" to enter the navigation system and start driving navigation.



Note: In view of Android system, the seller doesn't offer any navigation data. Because the users can purchase the appropriate navigation data and install any various program if they like.

3.5.1 Default settings for the navigation program

Being with Android system, this mirror can be installed various navigation programs. Users can choose a certain map program to use as the default setting.

Click "Apps" and the navigation setting icon "GPS set" to enter navigation setting interface and choose one map to run as the default setting.



3.6 Bluetooth

3.6.1 Connect bluetooth


Click the bluetooth button "Bluetooth" to enter into bluetooth system.







The bluetooth is open and not connected by default. When you enter the bluetooth interface, The YELLOW "Bluetooth disconnected" is displayed on the top right of the mirror monitor. Bluetooth connection only can be achieved when your phone search the device's bluetooth initiatively. Find "T72" and then input the PIN code "0000". Once they're connected, The GREEN "BT is connected" will appear on the top right. The connection is automatic only if the bluetooth of the mirror and your phone are open to access. The hands free car kit function is very useful, especially when someone make a call to you, you can answer by the mirror monitor.



3.6.2 Dialing



Click the keypad “” and input the phone number, then you can make a call.





| | |
|---|----------|
|  | Delete |
|  | Volume - |
|  | Volume + |
|  | Dialing |

To make a call, you need to input phone number and click the dialing key.




| | |
|---|---|
|  | Hanging up |
|  | Voice switched between phone and device |

3.6.3 Phonebook


When bluetooth is connected, the device would hint automatically if the phone book needs to synchronize. click “ok”,then then click “ Bluetooth”, “”, you will find the numbers.




3.6.4 Paired list

Click the button “” to enter the “paired list” interface.




| | |
|---|--------------------------|
|  | Disconnected |
|  | Delete the paired device |




3.6.5 Call history

Click the button “


| | |
|---|-------------------------|
|  | Delete the call history |
|---|-------------------------|














3.6.6 A2DP

Click the button “


| | |
|---|----------|
|  | Play |
|  | Pause |
|  | Last one |
|  | Next one |

3.7 DVR recording

Click the icon “

| | |
|---|--|
|  | Whether the current recorded video is locked |
|  | Start recording |
|  | Stop recording |
|  | Recording |
|  | Recording mode |
|  | Capture mode |
|  | Whether record the voice |
|  | Dual Screen Switch |
|  | Capturing |
|  | File to view |
|  | Record setting |
|  | Video setting |
|  | SD Card Display |

3.7.1 Recording mode

Touch the icon “” to start to record, “the current date”, “time” and “recording length” shown on the up left and up right of the screen. Touch the icon “” to stop to record. Touch the icon “” to lock the current record video which wouldn’t cover by the Loop recording files.





Status of recording



Status of stop recording

Please noted: If you want to have a fluent video recording, please choose more than to 10 speed class TF card.

3.7.2 Capture mode

Touch the icon “” to switch the Recording mode to Capture mode, Touch the icon “” to capture the current screen.



Record mode







Capture mode

PS: on the capture mode, it only can capture the front picture.

3.7.3 Two ways recording

The mirror supports dual channel recording, the Front Channel is full HD 1080P recording. The Back Channel is USB. The front and back pictures can displayed by four ways.



| | |
|---|--|
|  | The front picture displayed on the full screen and the back picture displayed on the small window. |
|  | The back picture displayed on the full screen and the front picture displayed on the small window. |
|  | The front picture displayed on the full screen. |
|  | The back picture displayed on the full screen. |

3.7.4 Recording setting

When stop recording, click the icon “☀️”, then enter the recording setting interface.



| | |
|----|--|
| AW | White balance: according to the actual situation. |
| | Long set record: 1 minute, 2 minutes, 5 minutes to save in a file. |
| | Manual exposure adjustment: exposure effect can be chosen. |

3.7.5 Video setting

When stop recording, click the icon “✉️”, then enter the recording setting interface.



| | |
|--|------------------------------|
| | Time watermark |
| | Video mute |
| | Automatically |
| | SD card format |
| | Motion detect |
| | Auto recording |
| | Voice reminder |
| | G sensor sensitivity setting |

3.8 Settings

Click on the icon “☀️ Settings” in the main interface, you can access the system settings, such as language, WiFi, time, and sound etc.



3.9 Reversing guide line

When the car switches to reverse gear, the backup camera image and the guide line will display on the screen automatically



3.10 Vertical screen

As we know, the transverse operation is not always available for some Android apps. Sometimes, the screen will become vertical temporarily. In this case, after you enter this app, it would turns transverse finally. It won't affect your operation.