User Manual

Before operating the monitor, please read this manual thoroughly and retain it for future reference.

Content

1. Cautions

Warning:
For your safety, please don't operate the monitor while driving.
Special statement: There may be some bright spots on the LCD screen, which is a normal phenomenon in matrix display technology and not a problem with the display.
Notice:
Please fully read the user manual before using the machine.
The machine is composed of high-precision parts, please pay attention to moisture-proof.
Prevent hard objects from scratching the LCD surface.
There is high pressure inside the machine, non-professionals should not disassemble it.

2. Product specification and usage

2.1 Product specification

1. Support AHD1080P/720P PAL/NTSC input
2. Support four channel triggers control
3. Full touch screen
4. Support recording function (support video playback)
5. Audio (with speaker, built-in microphone)
6. Carplay
7. FM transmission
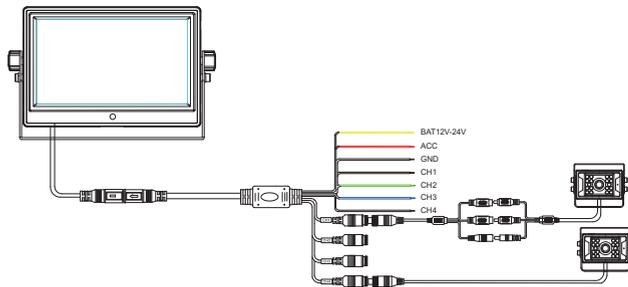8. Power supply: 12V-24V DC

2.2 Product usage

This product adopts high-definition digital TFT color liquid crystal display for real-time monitoring, four channel input and four channel triggers. It has SD card storage media, built-in DVR, carplay functions and speakers. And it has the characteristics of convenient installation, simple connection, no radiation, low power consumption, no flicker, bright and vivid colors, small and exquisite appearance, etc. It can be widely used in various vehicles.

3. Buttons and wiring diagram

3.1 Buttons

1. Power button: Short press to turn on/off the screen
2. Power button: Press and hold to power on/off

3.2 Wiring diagram

BAT12V-24V
ACC
GND
CH1
CH2
CH3
CH4

1. CH1/CH2/CH3/CH4 4PIN connectors: four channel video input
2. Yellow line: 12V-24V power input (connect to the positive pole of the battery "+")
3. ACC red line: 12V-24V power input (connect to the key ignition line)
4. GND black wire: negative pole of the power supply (connect to the negative pole of the battery "-")
5. TRIG (CH1) brown line: trigger CH1 to full screen
6. TRIG (CH2) green line: trigger CH2 to full screen
7. TRIG (CH3) blue line: trigger CH3 to full screen
8. TRIG (CH4) gray line: trigger CH4 to full screen

⚠ It is recommended to connect the power cord directly to the positive and negative poles of the vehicle battery or connect the positive and negative poles of the power supply after the battery is connected to the fuse box. It is forbidden to connect to the metal conductor in the car as the ground wire, otherwise, negative pulses will be generated to interfere with the normal operation of the monitor.

4. Menu and function setting instructions

There are various parameters can be set for this machine. Enter into the main menu interface after powered on. The main menu includes brightness settings, sound settings, screen off, driving recorder, carplay, bluetooth, video playback, FM transmission, system settings. The setting method is as below:

1. Brightness setting: Click the " ⚙ " on the left side of the screen to set the screen brightness
2. Sound setting: Click the " 🔊 " on the left side of the screen to set the volume of the sound
3. Off screen setting: Click the " ⏻ " on the left of the screen to turn off the screen, and then click anywhere on the screen to turn on the screen again
4. Driving recorder
   4.1 Click the screen " 🖼 " to enter into the monitoring mode
   4.2 Click the " 🔴 " to stop recording/recording (recording is in progress when the red dot flashes at the lower left corner of the screen)
   4.3 Click the " 🎙 " to record sound and stop recording sound
   4.4 Click the " 🔄 " to set various split-screen modes
   4.5 Click the " ▶ " to enter into the playback function

Record settings

4.6 Click the " ⚙ " to enter into the driving recorder settings, where you can configure the camera format, resolution, loop recording, preview mode, channel set, channel delay, lapse record, parking time, parking, date watermark, setting guideline

4.7 Click the " 🏠 " to return to the main interface

5. Carplay：

5.1 Click the screen " ▶ " to enter into carplay

5.2 Interconnection

  a.Turn on the WiFi and Bluetooth of the device, and the first connection of the mobile phone needs to be manually connected to the Bluetooth

  b.The mobile phone waits for the pop-up box to choose to use the CarPlay

  c.Only the phone has Android auto function could support interconnection and bluetooth.

  d.Support ISO 12 and above systems, but can not support iPhone 6 and below. Support Android auto overseas version

5.3 Click the " 🏠 " to return to the main interface

5.4 Click the " ⬜ " to return (Click ⬜ to return to the carplay interface after opening other applications)

5.5 Click the " ⬅ " to return to the main interface

6. Bluetooth

6.1 Click the " 🔺 " to enter into bluetooth

6.2 Bluetooth can be turned on or off by the bluetooth switch

6.3 Click " ⚙ " to modify the bluetooth name

7. Video playback: Click the " 🔴 " to enter into the playback function to play the recorded videos

7.1 Click the " 🎧 " to enter into the FM transmission function

7.2 The FM transmitter can be turned on or off by FM switch

8. Click "+" or "-" to adjust the FM transmission frequency

9. System settings：：

9.1 Click the " ⚙ " to enter into the system settings

9.2 System settings: phone interconnection, screen saver, volume, language, time setting, key volume, Wifi switch, format SD, reset factory, version

System settings

5. Performance indicators

1. Power: DC12V- 24V
2. Maximum current: 12V<700mA
3. System: NTSC/PAL
4. Screen ratio: 16:9
5. Resolution: 1024*R.G.B*600
6. Working temperature: -20℃~+70℃
7. Storage temperature: -30℃~80℃

6. Product accessories

1. Power cable*1PC
2. User manual*1PC
3. U shaped bracket*1PC
4. Hexagon wrench*1PC