

## 8. Accessories

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# BOYO<sup>®</sup>

VISION

## User's Manual

*VTM7012FHD*



Please read the instruction manual completely  
before use and retain it for future reference

## 1.Function And Usage Of Products

### Product function

1. Size: 7 inch HD LCD monitor
2. Screen Ratio: 16:9 wide screen
3. Resolution: 1024x600
4. 3 channel HD video input, supporting 720P@25/30, 720P@50/60, 1080P@25/30
5. Supporting 3 triggers
6. System: PAL/NTSC auto switchable
7. Power supply: DC 12V-24V
8. Mirror image can be set for each channel
9. Reverse time delay can be set
10. Screen display menu and remote control

### Product usage

This monitor uses high-resolution TFT LCD screen, easy to install, simple connection, no radiation, low power consumption, flicker-free, gorgeous and vivid color, small and exquisite outlook. It can be widely used in various cars, buses, trucks or special vehicles.

## 2.Front Shell Instruction

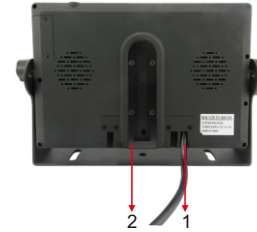
### Panel operating instructions



1. Negative decrease
2. Menu
3. Positive increase
4. Power
5. CH 1
6. CH 2
7. CH 3
8. R/C window
9. Bracket knobs

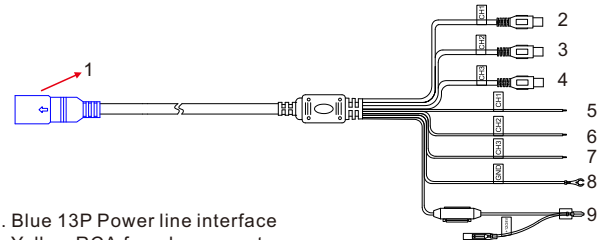
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## Back shell instruction



1. Tail cable
2. Back splint

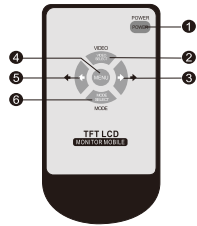
## 3.Electrical Connection Instructions



1. Blue 13P Power line interface
2. Yellow RCA female connector: CH1 video signal input (AHD1);
3. Yellow RCA female connector: CH2 video signal input (AHD2);
4. Yellow RCA female connector: CH3 video signal input (AHD3);
5. Brown electronic wire: Trigger and switch to CH1 video signal;
6. Blue electronic wire: Trigger and switch to CH2 video signal;
7. Gray electronic wire: Trigger and switch to CH3 video signal;
8. Black electronic wire: ground wire (GND)
9. Red electronic wire: connect 12 to 24V DC power supply

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#### 4. Remote Control



1. Power
2. CH1/CH2/CH3 change
3. Up
4. Menu
5. Down
6. Mode selection

#### 5. The Menu Setup Instructions

This machine can be set various parameters such as analog, setting method is as follows: In the state of startup ,press the "MENU" button on the remote control or on the front panel to bring up a MENU of operating, then we can set the parameters such as brightness, contrast ratio, saturation, language, Reversing delay, turn over, reset.etc. press the "MENU" button on the remote control or on the front panel to proceed next MENU selection, then press the LEFT and RIGHT arrow key on the panel or on the remote control to adjust specific numerical value.

##### Brightness

Press the "MENU" button to switch to brightness options, then press the LEFT and RIGHT arrow key on the panel or on the remote control to adjust the brightness of screen, the brightness value can be set varies from 0-100,Save the settings as soon as retreating from menu.

##### Contrast ratio

Press the "MENU" button to switch to contrast ratio options, then press LEFT and RIGHT arrow key on the panel or on the remote control to adjust the contrast ratio of screen, the value of contrast ratio can be set varies from 0-100, Save the Settings as soon as retreating from menu.

##### Saturation

Press the "MENU" button to switch to saturation options, then press the LEFT and RIGHT arrow key on the panel or on the remote control to adjust the saturation of screen, the value of saturation can be set varies from 0-100, Save the Settings as soon as retreating from menu.

##### Language

Press the "MENU" button to switch to language options, then press LEFT and RIGHT arrow key on the panel or on the remote control to adjust the language, the system can be set Chinese or English two kind of language, save the Settings as soon as retreating from menu. The system default is English.

##### Reversing delay

Press the "MENU" button to switch to language options, then press LEFT and RIGHT arrow key on the panel or on the remote control to adjust the delay time which can be set 0 to 15 seconds, when the system setup 0 seconds delay, it returns the current state directly after trigger finished; when the system setup 3 seconds delay, it returns the current state after system delay 3 seconds, save the settings as soon as retreating from menu. The system default is 0 second.

##### Turn over of screen

Press the "MENU" button to switch to turn over options, then press LEFT and RIGHT arrow key on the panel or on the remote control to set turn over up-side down.

##### Reset

Press the "MENU" button to switch to reset options, then press LEFT and RIGHT arrow key on the panel or on the remote control to adjust system parameters, the setup only suit for resetting brightness, contrast ratio, saturation, other parameters should reset hand.

#### 7. Performance Index

1. Power supply: DC 12V-24V
2. Maximum current: <500mA
3. System: PAL/NTSC
4. Screen ratio: 16:9
5. Resolution: 1024x600
6. Working temperature: -20 °C~70 °C
7. Storage temperature: -30 °C~80 °C