

HD Wireless Aerial Receiver

LCD Monitor



User Manual

Production Introduction:

HD Wireless aerial receiver LCD monitor is a new multi-function product; adopt advanced integrated circuits and high-quality new HD LCD monitor. It integrated a high-sensitivity wireless receivers. HD monitor, not only equipped with battery plate, but also can external battery for power. The machine casing compact, easy to operate, can be used for security monitoring, baby monitors, photography viewfinder, construction site video surveillance, Advertising and other venues.



To insure best use of the unit, please read the user's Manual carefully.

CAUTION

1. Please use the adapter and battery attached in the accessory.
2. Do not expose this product to direct sunlight, heat or humid Conditions
3. Keep away from strong light while using this product so as to Obtain the clearest and the most colorful picture. Please use sun Shade for the outdoor necessary
4. Please avoid heavy impact or drop on the ground.
5. Do not use chemical solutions to clean this unit. Please simply Wipe with a clean soft cloth to keep the brightness of the surface.
6. Without adjustable component in the unit, please do not take Apart or repair the unit by yourself, to avoid damage the product.

Product feature

- **Set wireless receiver, a monitor for the integration of Multi-functional combination machine, compact, Suitable for a variety of purposes**
- **5.8G wireless receiver, 32-channel selection, Effectively avoid signal interference.**
- **High brightness, contrast, anti-glare screen with a sun shade, sun clearly visible**
- **with VIDEO input, output, HDMI input, suitable for a variety of sources. Can be used as photograph Viewfinder, advertising machine.**
- **Color control Systems support, enter the menu to Manually Select the appropriate format, and adaptable**
- **Front headphone monitors playback audio effects**
- **Rear battery plate, can be equipped with a variety of battery, facilitate to be used of a place without power**
- **with VIDEO signal output function, can be connected Multiple monitors.**

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1. Product description:

1.1 Front panel instruction



- 1、 Power indicator
- 2、 POWER: On / standby select key

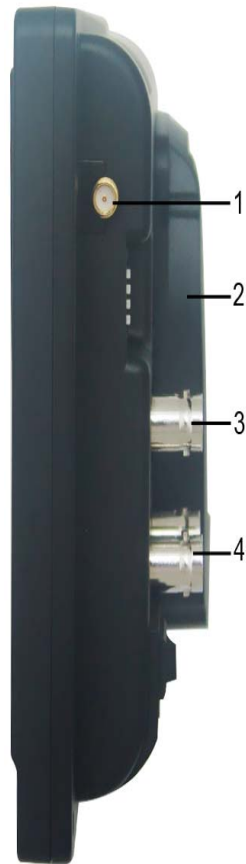
- 3、 **MODE:** Signal input (VIDEO / HDMI) selection key
- 4、 **UP:** Direct pressing this key, color / B & W / monochrome (R, G, B) select a shortcut. Enter the menu for the up adjustment key to select the previous option.
- 5、 **DOWN:** Direct pressing this key, shortcut keys for the Focus assist. To enter the menu for the down adjustment key to select the next option
- 6、 **MENU:** Menu key to enter / exit the menu
- 7、 **RIGHT:** Volume adjustment confirmation key, you need To adjust the volume Press to confirm the size of the first, and then press this button to increase the volume control in the menu settings for project selection and adjustment
- 8、 **LEFT:** Center mark (cross) display, volume adjustment is To reduce the volume, press the RIGHT button to confirm, then press this button to control the volume decreases. In the menu settings for project selection and adjustment
- 9、 **SCALE:** Screen marker display confirm, you can choose 80%, 85%, 90%, 93%, 96%, off
- 10、 **CAMERA:** Camera mode key
- 11、 : Headphone jack

1.2 Rear battery plate instruction:



- 1、 Antenna input port
- 2、 Wireless receiver frequency channel selection
- 3、 AUDIO-IN: 入 Audio signal input
- 4、 HDMI-IN: HD HDMI signal input
- 5、 VIDEO-OUT: Composite video signal output
- 6、 VIDEO-IN: Composite video signal input
- 7、 Power switch “-” Indicates that the power is turned, “o” means Disconnect the power
- 8、 Power input jack $-- \text{⊙} -- +$

1.3 Side panel instruction:



- 1、 **Wireless receiver port**
- 2、 **Wireless receiver frequency channel option switch**
- 3、 **Audio input port**
- 4、 **Video input port**

2. Wireless transmission receive operation



Take the form a complete set of the antenna assemble on the unit's antenna input ports, the assembly should secure, locked on the buckle.

2.1 Channel selection

Wireless transmitter channel and receiver channel must be strictly consistent; otherwise it will not receive a transmitter signal.

This unit offers 32 receiver channels for setting; it can accept simultaneously multi transmitters and receivers together work, to avoid co-channel interference (**Frequency range of each region are different, please check the unit's paste instructions**).

		SW(3P:1P)							
SW 4P	SW 5P	000	001	010	011	100	101	110	111
0	0	CH1 5665MHZ	CH2 5845MHZ	CH3 5825MHZ	CH4 5805MHZ	CH5 5785MHZ	CH6 5765MHZ	CH7 5745MHZ	CH8 5725MHZ
		ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF
1	0	CH1 5733MHZ	CH2 5752MHZ	CH3 5771MHZ	CH4 5790MHZ	CH5 5809MHZ	CH6 5828MHZ	CH7 5847MHZ	CH8 5866MHZ
		ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF
0	1	CH1 5703MHZ	CH2 5685MHZ	CH3 5665MHZ	CH4 5645MHZ	CH5 5885MHZ	CH6 5905MHZ	CH7 5925MHZ	CH8 5945MHZ
		ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF
1	1	CH1 5740MHZ	CH2 5760MHZ	CH3 5780MHZ	CH4 5800MHZ	CH5 5820MHZ	CH6 5840MHZ	CH7 5860MHZ	CH8 5880MHZ
		ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF	ON OFF

SW 4P	SW 5P	SW(3P:1P)							
		000	001	010	011	100	101	110	111
0	0	5865	5845	5825	5805	5785	5765	5745	5725
1	0	5733	5752	5771	5790	5809	5828	5847	5866
0	1	5705	5685	5665	5645	5885	5905	5925	5945
1	1	5740	5760	5780	5800	5820	5840	5860	5880



Note! During select channels must be supporting the transmitter

2.2 Wireless Receiver:

Turn on the monitor power switch, press the button on the monitor "SOURCE / EXIT" Select "RF", if the time transmitter has worked, receiver and transmitter frequency in agreement, the receiver will receive the signal sent from the transmitter and displayed on the monitor

Note: The effect of receiving the distance has a great relationship with the reception power of the transmitter and the receiver venues. If the reception is poor, the antenna can be replaced with three leaves, four leaf antenna or panel antenna. Replace the antenna should pay attention to the antenna and receiving the same frequency.

3. Monitor Operating instruction

3.1 Monitor key operation instructions

POWER — Standby / work status button. Energized, the back of the machine's power switch to "—" position, the machine is in standby mode, press the POWER button, and enter the working state.

MODE — Select the VIDEO / HDMI signal input, in VIDEO mode, AUDIO if no input audio signal simultaneously, the machine is no sound.

UP — Direct press this button to select the screen image Color / B & W / R, G, B monochrome display shortcuts. Enter the menu for the up adjustment key, use to select a previous menu option.

DOWN — Direct pressing this key, shortcut keys for the Secondary focus. Down adjustment key to enter the Menu, select the next menu option

MENU — Bring up the menu / exit

RIGHT — enter the menu, and set the value for the option to Confirm the parameter adjustment increases. The Menu is not displayed; this key is the Enter key to Adjust the volume; you need to adjust the volume, Press this button, and volume adjustment menu bar Appears on the screen and then press this button to Adjust the volume increase

LEFT — Center mark (cross symbol) displays shortcuts. Adjust The volume for volume decrease

SCALE — Screen marker viewfinder display shortcut keys, you Can choose 80%, 85%, 90%, 93%, 96%, off、

CAMERA — Camera mode key, using 5D2 or 550D and other

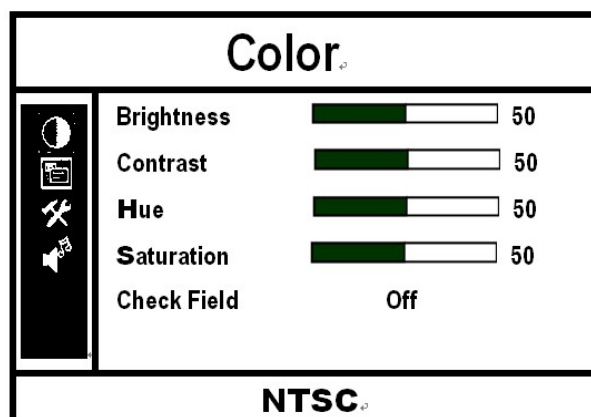
similar machine photography, activate the "camera mode", the screen image disappears about 2-5 seconds or so later, and then re-display the image full screen, then watch from the screen image to the viewfinder no time difference when recording, image NO deformation, NO black, NO delay, perfect without distortion

3.2 Menu Operation

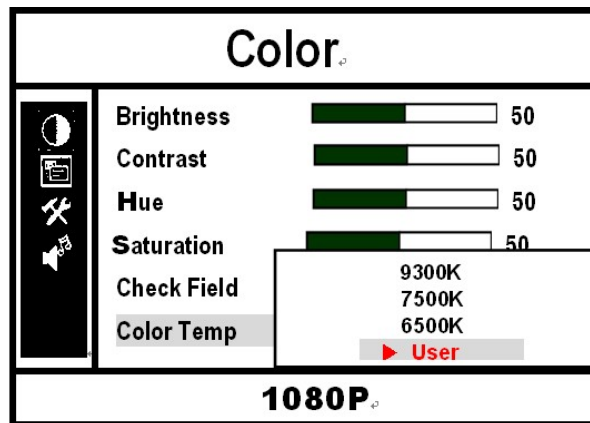
Press **"MENU"** to enter the menu, use the **"UP"** or **"DOWN"** button to select **"Color"** **"Function |"** **"Menu"** or **"Sound"** and other sub-menu items, such as ready to enter the **"Color"** sub-menu operation, select **"Color"** item, press **RIGHT** "or" **LEFT** "key to confirm, with the **UP** "or" **DOWN** "key to select the desired item in the selected adjustment item, press **RIGHT** "or" **LEFT** "key confirmation , then use **"RIGHT"** or **"LEFT"** button to adjust or select the specific parameters. After adjusting the value or setting, press **"MENU"** to confirm or exit.

Color

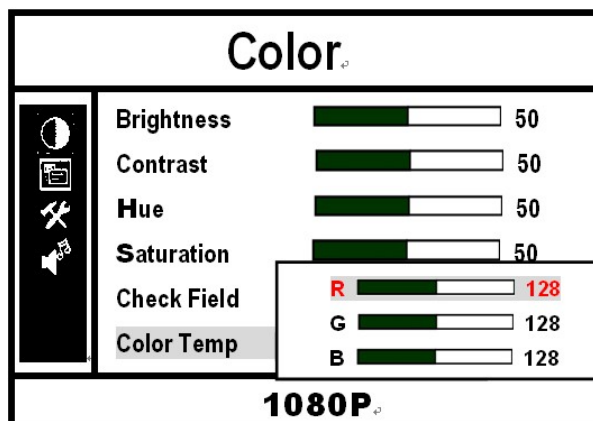
VIDEO signal input menu



HDMI signal input menu

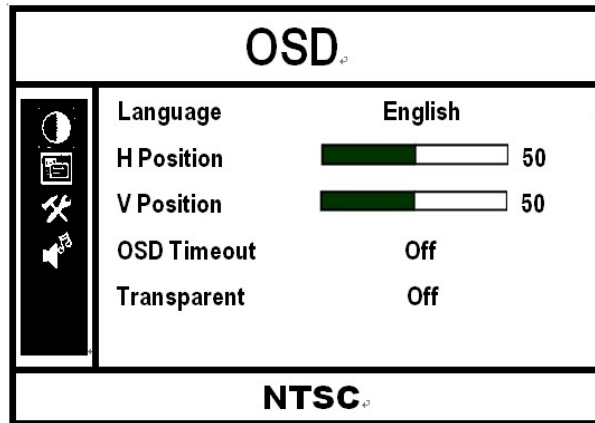


- ※ **Brightness:** To adjust the image's brightness.
- ※ **Contrast:** To adjust the brightest and darkest ratio of the Image, please note the sense of picture when adjust, Proportion too large or small, will make the picture lose the Color of showy.
- ※ **Saturation:** To adjust color concentration
- ※ **Hue:** On NTSC Video mode, the image color tint difference is adjustable by tint.
- ※ **Check Field:** Switch on/off Check Field (Red、 Green、 Blue、 Monochromatic and Color)
- ※ **Color Temp:** Under HDMI signal input preset color temperature of the image, you can select (9300K, 7500K, 6500K. User) when you select a user, the image of their own R, G. B set



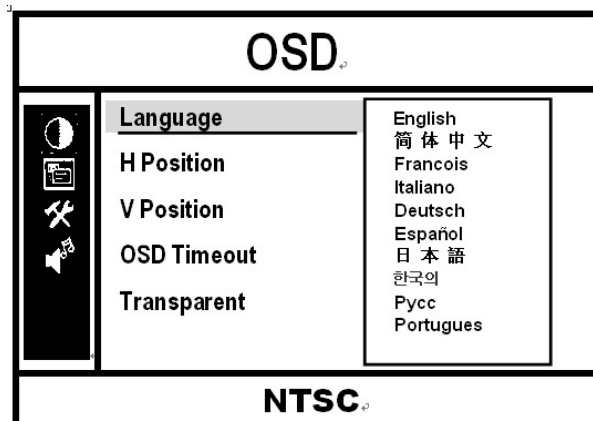


OSD



※ **Language:** Languages for OSD as below:

English、**简体中文**、**François**、**Italia no**、**Deutsch**
Español、**日本語**、**조선의**、**Pycc**、**Portuguesa**



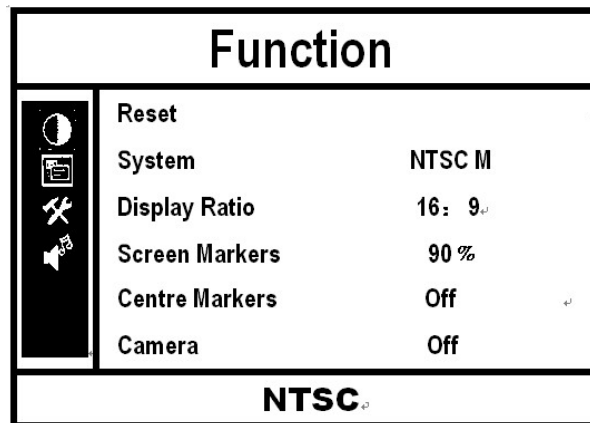
※ **H Position:** To adjust the OSD position in horizontal.

※ **V Position:** To adjust the OSD position in vertical.

※ **OSD Timeout:** To adjust the clock.

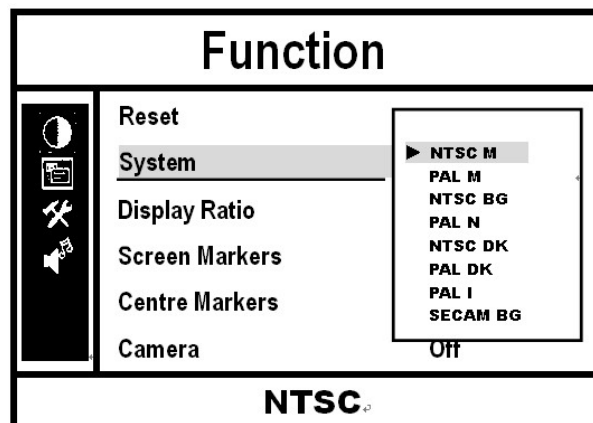
※ **Transparent:** To adjust the level of transparent.

Function



※ **Reset:** Back to original setting.

※ **System:** To adjust color video format.



※ **Display Ratio:** To change the display ratio 16:9/4:3.

※ **Screen Markers:** To adjust screen marker (off, 96%,

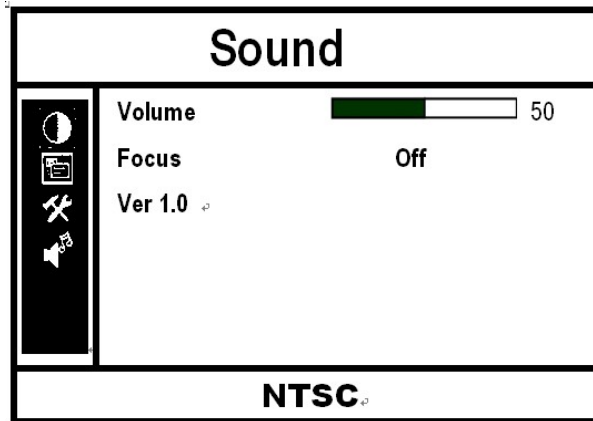
※ 93%, 90%, 85%, 80%)

※ **Centre Markers:** To set centre mark (cross mark)

※ **Camera:** Use the Canon 5D II or similar camera, the Monitor video has real-time images. NO black screen, NO delay, perfect without distortion.



Sound



※ **Volume:** To adjust the volume.

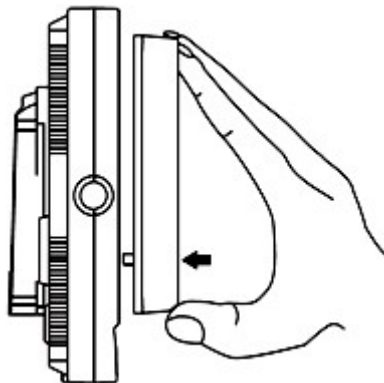
※ **Focus:** As an auxiliary functions (in HDMI mode) when Used as the camera viewfinder.

※ **Ver.1.0:** Software version number

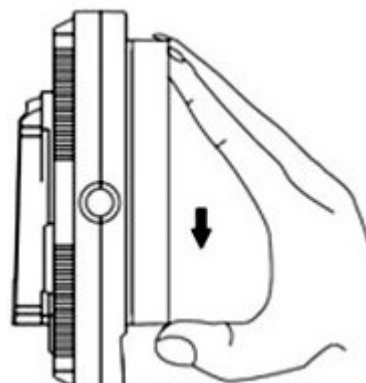
4. Sun shade installation and remove

4.1 Installation: Positive parallel alignment of the sun shade and Monitor, the projection of the sun shade hanging claw at the monitor sun shade slot (see the monitor front view marked 17), Pay attention to the position should be aligned around inserted Balanced slide down.

● Sun shade installation view

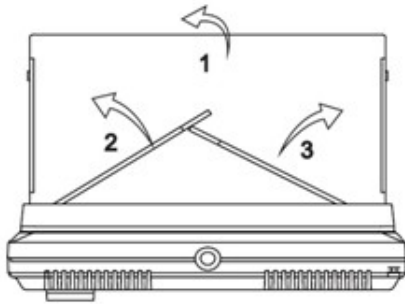


①



②

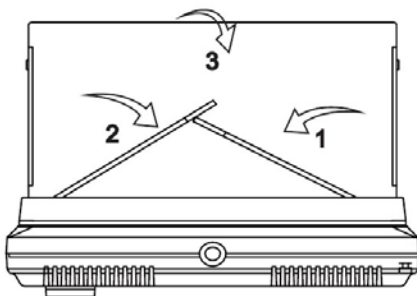
- ① the sun shade's hanging claw and the monitor's sun shade slot should be aligned around inserted balanced to slide down.
- ② By equilibrium of sliding down to match up the sun shade and monitor.
- ③ Please follow steps, otherwise will damage the cover, please do not press the L/R panel of the sun shade, if not, unable open the cover.



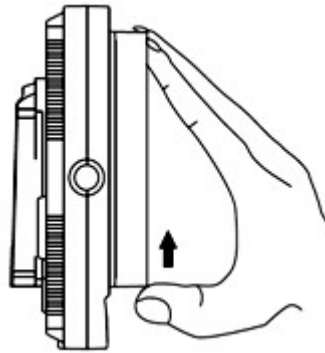
③

4.2 Remove: When you want to shade cover is removed from The monitor, hands were clenched monitor and the sun shade, drag up shade cover from monitor, that separates the sun shade from the monitor.

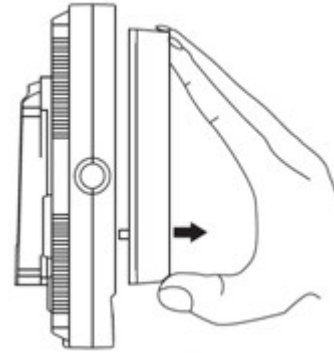
●**Remove sun shade view:**



①



②



③

- ① In accordance with the instructions below steps, close the sun shade in sequence
- ② Drag up sun shade balanced to separates the sun shade from the monitor.
- ③ Remove the sun shade

5. Battery plates:



F970



LP-E6



D28

According to the different requirements of battery for the customers Attached different battery plate slots. NO requirements, the factory Defaults assembly F970 battery plate.

5.1 F970 battery slot for battery of Sony DV

Sony F970 F960 F950 T930 F770 T750 F730 F570 F550
 F530 QM91D OM91 QM90D QM90 QM71D QM71 QM70D
 QM70 QM51D QM51 FM71 FM70 series

5.2 LP-E6 battery slot for battery of Canon DV

Canon LP-E6

5.3 D28 battery slot for battery of Panasonic DV

Panasonic D55 D54S D54SE D40 D35 D33 D32 D28 D25

D22 series

5.4 Three types of batteries corresponding to the upper three slots



F970



LP-E6



D28

Remark: Different specifications of the battery, capability is different. The working time for the monitor will be different. Higher Capability (working time) will be longer.

6. Parameters

Panel size	TFT LCD 7.0inch
Panel type	TFT LCD
Resolution	1024×600×RGB = 1843200 Pixels
Backlight	LED
Dot pitch	0.05(W) x 0.15 (H)
Display ratio	16:9
Brightness	500 cd/m ²
Contrast ratio	700:1
Response time	10ms
Viewing angle	75°/75°(L/R) 70°/75°(U/D)

Input signal	Video/Audio/RF/HDMI
Output signal	Video
Video color system	PAL-4.43 / NTSC-3.58
HDMI support format	480i /480p /576i /576p 720p /1080i /1080p (50/60Hz)
Headphone output	stereo 3.5mm
Input voltage	DC:6~24V
Power consumption	≦ 8W
RF receiving frequency	5.8 G broadband FM audio and video synchronization receiving (other frequencies optional) 32 channel (different frequency range for different region, see specific of the machine's paste instructions)
RF wireless receiving sensitivity	typical value -90dBm
Frequency stability	± 100 ppm
Unit size (mm)	189(L)x134(W)x50(H)mm
Unit weight	476 g
Installation method	1/4-20 thread mounting holes in the monitor, easy to install on the tripod
Working temperature	-20~50°C
Storage temperature	-30~65°C

7. Trouble shooting

7.1 Only black and white or monochrome picture

- ① Please check saturation、 brightness & contrast adjustment.
- ② Please check monitor's "color" from the menu" monochrome" is in black and white or monochrome image or other condition.

7.2 NO picture after put on the power

- ① Check signal cable contacts are good, monitor is synchronized with the input signal, press the "MODE" key to try.
- ② Make sure use the standard adapter connects the monitor. If power supply by battery, please check the battery whether fully charged.

7.3 Images are not synchronized

- ① the signal input video standard format does not match with the monitor, you can go to the monitor "Function" menu in the "Format" option, select the appropriate video format
- ② The RF signal is too weak

7.3 Images are not synchronized, DVR can't enter the menu

- ① The DVR playback system and monitor system are different, can enter the monitor "function" menu, and select the right video format in the "format" option.
- ② The RF signal is too weak.

7.4 Playback the video without sound

- ① No open the audio recording in the DVR menu settings
- ② Volume control did not open, can press the volume button "+", try increasing the volume.

7.5 Open the RF, no signal detected

- ① Transmitter is working properly or not.
- ② If transmitter frequency matches with the receiver frequency band

- ③ If customer change the receiving antenna, please note that must be matched with the transmitter, otherwise may cause receiving sensitivity is low, even can't receive signals
- Remark: If there are still other problems, please contact with our related deals.