

RC708

User Manuel

- **Safety Warning**

- Keep it off the rain and humidity environment for preventing fire, electric shock and damage.
- Please use the recommend accessories only.
- Only the eligible person can repair it, don't disassemble the monitor.

Battery

- Don't disassemble, throw, press, prick, cut ,roast and fire the battery
- Don't make the metal product connect with battery terminal prevent short circuit.

- Don't use broken or leakage battery.
- Don't put it in the place where temperature is more than 65°C
- Keep it away from children
- Please change battery if the working time of it becomes short a lot suddenly; only use the same battery or similar battery suggested by producer.
- Please dispose the used battery comply with local law.
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System Content



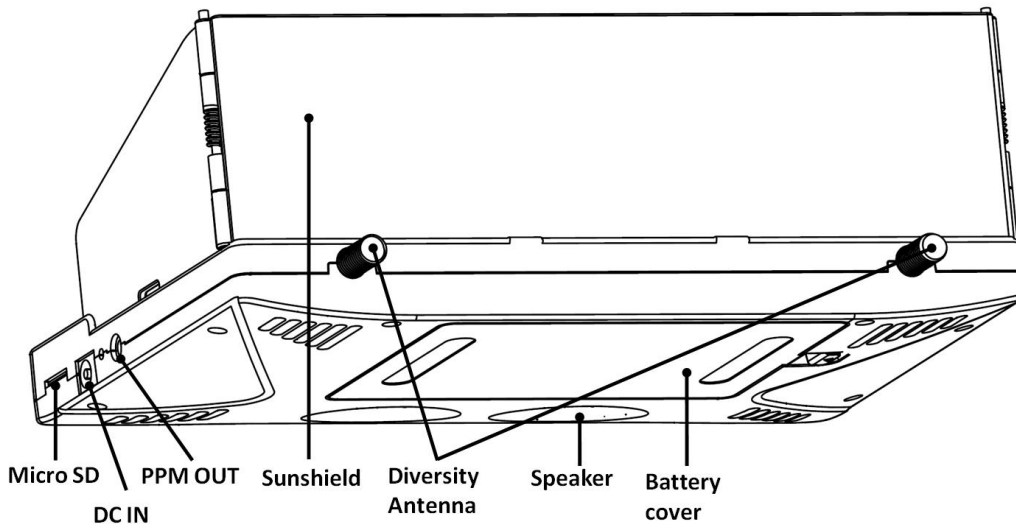
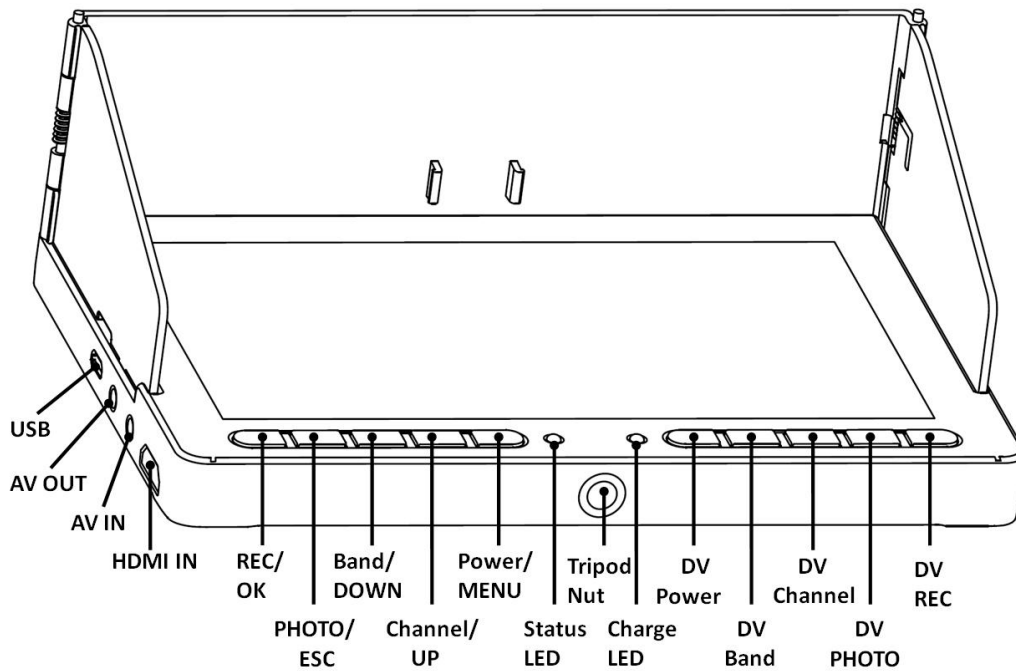
Installation battery

- Press backward on the battery cover, and then pull the battery cover to remove it.
- Let the socket with gold point of the battery aim to gold slice of the battery bin, push forward, and press down the battery tail until enter into fully.
- Make bolt of the battery cover aim to the bolt hole and push it in, then press the button stand of battery cover .
- If don't use the battery, please use 7~28V power source.

Battery charging

- Charging battery by 12V/2A power source .(Power adapter, PC or power-bank)
- When using the battery at first time, please use up the power then recharge the battery until full.
- Charge Led is red while charging and becomes green after fully charged.

Function Diagram



Power On/Off

- Press the power switch till it turn on and the blue led light will be on.
- Press the power switch until it turn off.
- Please take out the battery if will not use for long time


Operating mode

- It can work in RF,AVIN,HDMI IN,PLAYBACK mode
- Can't change working mode when it is recording
- In the RF preview mode, connect AV IN cable, it change to AV IN mode automatically, if connect with HDMI cable, and in the case of the monitor starts normally, and then it change to HDMI IN mode automatically.

RF mode

- It is a diversity receiver and it will show the better signal automatically according to the RSSI
- Short press <CHANNEL> for changing channel and short press the <BAND> to change band

Recording

- It is better to format the SD card when using it for the first time (please look at the description part of Formatting in the end of the manual)
- It can record both in RF Mode and AV in Mode, the screen will show <SD card capacity > in normal preview mode, press <REC> to start recording and the  is red.
- Press <PHOTO> for taking picture and make hint sound when in Preview mode. (Can't take picture when recording).
- Normally the recording includes voice, turn off "voice recording" in the menu, then only record the video.

Playback

Function of keys when in Playback Mode (all the keys are for short press)

- Long Press <REC> enter into playback when in RF mode and AV IN mode
- REC Play/Pause/OK
- PHOTO Stop/return
- UP UP/ Fast forward
- DOWN Down/Zoom
- POWER Delete
- In playback mode, previewing the video picture or photos in the memory card directly, the upper-right corner will display 4 bit number of file name; if it is a video file, the record time of the video will be displayed under the file name.
- In the process of playing a video, press < fast forward / rewind > button, it will play quickly in 2x, 4x and 8x speed, press <play > button and it back to normal speed. When the playing is finished, picture stays in the first frame of the file, press < stop > and it returns to the preview state and can operate other actions or play again.
- When you browse the files in a storage card, if you want to delete a file, press < delete > when you browse to the file, it will pop up the menu, press <OK> to delete it
- The machine may not recognize other files rightly.

HDMI input

- Can use the HDMI input high resolution video to get clearer picture.
- Support standard HDMI video resolution (The highest input is 1920X1080/60Hz)
- It can't record in the HDMI IN mode.

AV input

- When plug into AV IN cable, the wireless receiver will close automatically for saving power.
- Support NTSC/PAL video signal input.

AV output

- AV out port outputs diversity video and audio signal.
- In playback mode, only support the NTSC format video output

Display Ratio

- Video display ratio is 4:3 or 16: 9 choose it in the Display Ratio from Menu.
- The default model is 16:9, it always full screen display.

Display orientation

- Flip Horizontal is Display-Mirroring and Flip Vertical is upside down displaying, can choose the display orientation from Menu. Please pay attention to that the screen logo will change accordingly.

Remote control

- The function should work with skysighthobby 's sky-HD01 (high resolution DV) only, wireless controlling the sky-hd01 to take photos and setups by using the PPM training plug of remote control.
- The function should use 1 PPM channel, the default mode is CH5, and it also can set from CH5 to CH8.

Automatic shutdown

- Automatic shutdown time can be set if necessary.
- When the setting time is arriving, it will shutdown automatically no matter in what kind of working situation.










Format SD card

- Enter into menu system, choose Formatting ,press <OK> and start to set, Press<UP/DOWN> and choose< YES>, then press <OK>,it will format。
- Please do this carefully, because all the files will be deleted after formatting.

Factory settings

- Enter into menu system, choose < Factory settings>, Press<OK> and start to set ,press<UP/DOWN>and choose < YES>, press<OK>and all the function settings return to the factory default state.

Screen OSD Overview

- :It is red when recording
-  Photo: In the video preview state and press <PHOTO>, it shows a red photo icon, means a photo is shoot.
-  Memory card icon: It is original color in normal condition; it will display a red logo when the card is full or wrong.
- Mode icon :RF mode, HDMI IN mode, AV IN mode, Playback mode
-  Mode: it will show this logo when connect with PC, in this mode, it can manage the content of the memory card by operate in the PC
-  Play/Pause
- , Fast rewind/fast forward icon。 When doing the Fast rewind/fast forward, the corresponding speed is showing behind the icon.
- If you do not need the machine to display the power voltage, then set the <DC IN> power supply mode and screen displays the <DC IN> icon;If use the battery, you can set the voltage range of battery pack and the available range is: 2S, 3S, 4S, 5S, 6S, and the screen displays the corresponding battery icon,  is full power,  is low power,  is connected to the external power supply.
- RF mode: Display current Band (A,B,E,F,R) and channel (1,2,3,4,5,6,7,8)
- HDMI IN mode: Display the current resolution and frame rate information

Specifications

Display	Diagonal		7 inch							
	Resolution		800X480							
	Contrast		500:1							
	Luminance		300cd/m ²							
Wireless Receiver	ISM 5.8GHz 40 Channel, Diversity receiver.									
	Operating Frequency	Band	CH 1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
		A	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
		B	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M
		E	5705M	5685M	5665M	5645M	5885M	5905M	5925M	5945M
		F	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5880M
	R	5658M	5695M	5732M	5769M	5806M	5843M	5880M	5917M	
	Sensitivity		-90dBm ± 1dBm							
	Antenna port		2 X SMA,50ohm							
Diversity receiving		Antenna diversity								
PPM Remote control	3.5mm3P		PPM 8 channel format							
	Output Channel		Optional 5CH,6CH,7CH, 8CH							
Record	Micro SD		Support to 32GB							
	Compression		MJPEG, 30fps, AVI							
	Picture		JPEG							
	Record rate		6Mbps							
AV Signal	Video Standard		NTSC/PAL							
	Video output level		1.0Vp-p Typ. / 75ohm							
	Audio output level		1.0Vp-p Typ. / 10Kohm							
	Built-in Speaker		8Ω/1W							
AV Port	Div. AV OUT(3.5mm4P)		Diversity Video, Audio output							
	AV IN(3.5mm4P)		Video、 Audio input							
	HDMI IN (A Type, HDMI 1.4a)		1920x1080p50/ 60, 1920x1080i50/ 60, 1280x720p50/ 60, 720x480p50/ 60, 720x480i50/ 60, 720x576p50/ 60, 720x576i50/ 60							
Power Supply	DC IN		DC 7~28V/ 1A							
	Power Consumption		12V input: 5.4W							
Dimensions	Main Body		184X120X21.5mm(not include Sunshield)							
	Battery		86X63X12 mm							
Weight	Main Body		g							
	Battery		g							
Tripod interface		General 1/4 "thread								
Operating Temperature		0℃~+60℃								