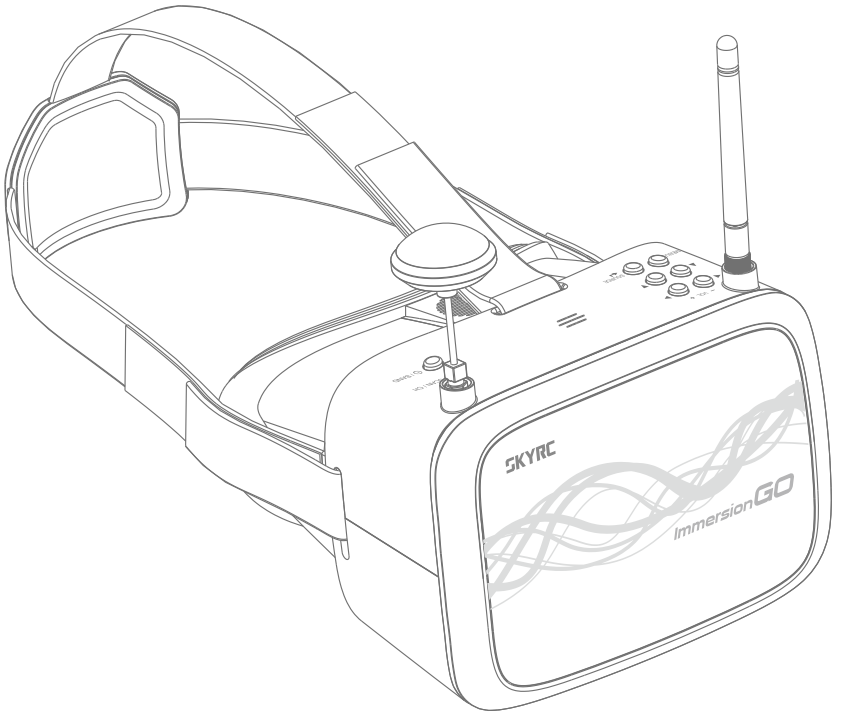
HD FPV GOGGLE

Immersion GO

Instruction Manual

[Version 1.0]



This content is subject to change.

Latest version can be downloaded from www.skyrc.com

If you have any question about this document, please contact SkyRC by sending a message to info@skyrc.cn

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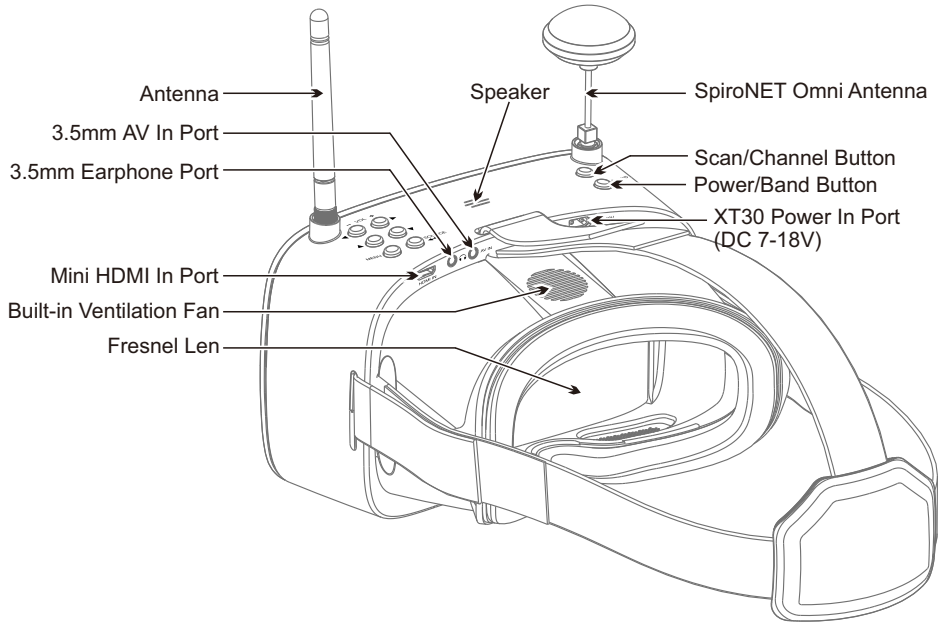
SKYRC

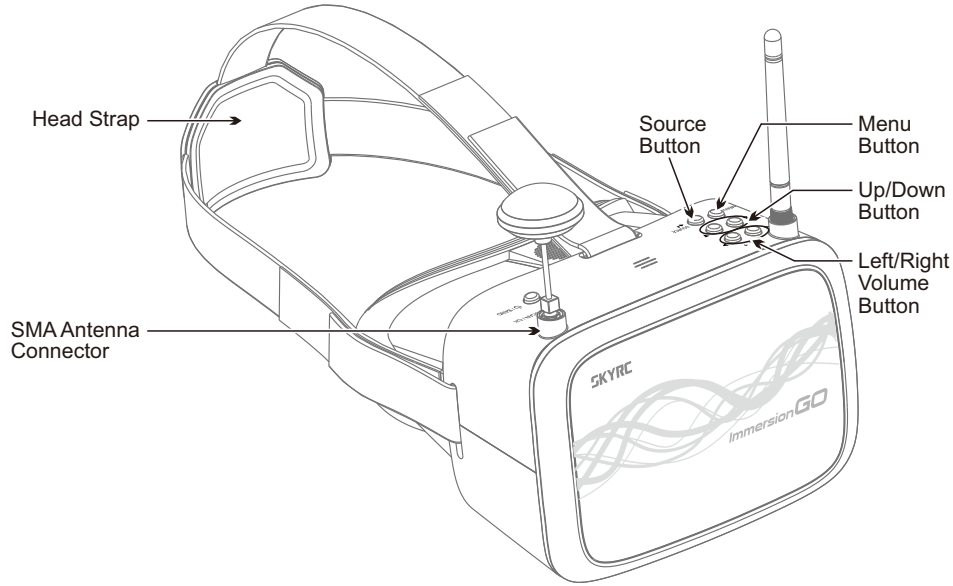
Congratulations on purchasing the SKYRC HD FPV goggle with integrated Diversity Receiver. To ensure your continued enjoyment, please take the time to read through this operating manual thoroughly before using.

The SKYRC HD FPV goggle with 5.8GHz diversity receivers, can significantly improve reception in the presence of multipathing, by intelligently switching between two independent receivers when signal quality drops.

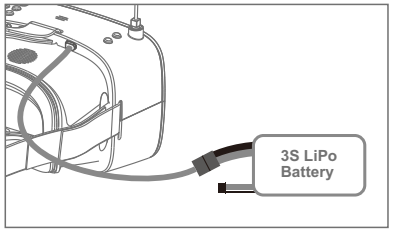
Another useful application of diversity switching is to select the best signal from two antennas, use a patch, and an omni directional antenna to provide 360 degree coverage or use two patch antennas to cover a wider flight area.

The goggle keeps it super simple for the FPV flier with auto search functionality, easy press buttons, the exact frequency is displayed on the screen so that you never have to guess which frequency and channel you are on, a wide voltage input from 7V to 18V, and 40CH on the 5.8GHz band!

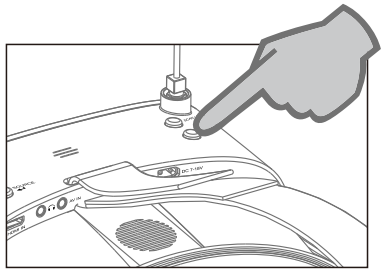




Power ON the System

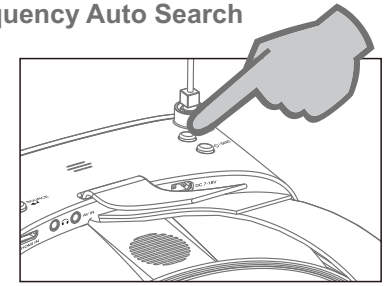


Connect battery to the goggle.
Input voltage is 7-18V and recommended 2-4S LiPo. (Battery is NOT INCLUDED)



Press and hold power/band button for 3 seconds to turn it ON.

Frequency Auto Search

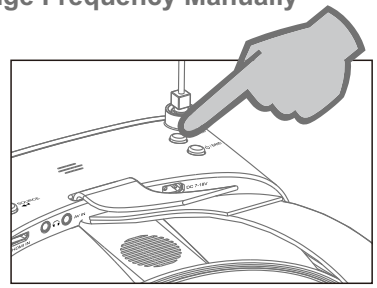


Press and hold search/channel button for 3 seconds to start the auto search.

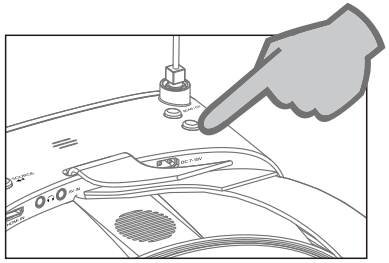


It takes around 20 seconds to identify the channel. Auto search will stop if the frequency is found.

Change Frequency Manually

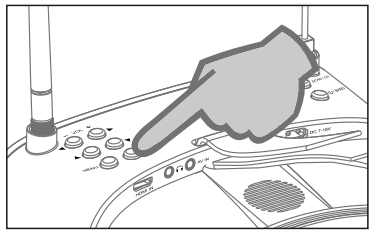


Press SCAN/CH button once to change the frequency.

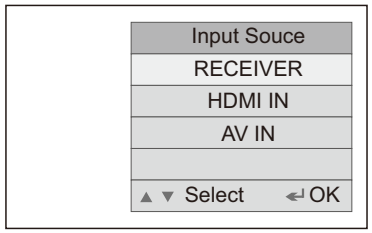


Press BAND button once to change the band.

Select Input Source

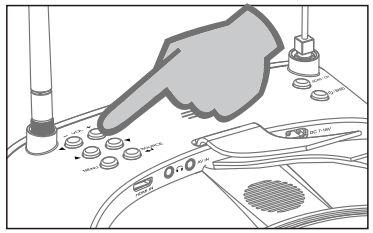


Press SOURCE button once to select input source.

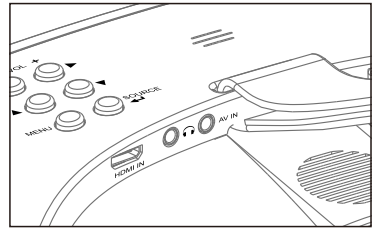


Press ▲ or ▼ to select. and Press ↵ to confirm.

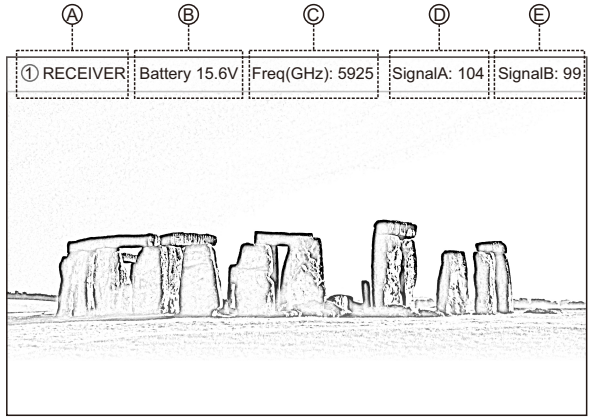
Volume Control



Press + button to increase volume
Press - button to decrease volume



Standard earphones can be used with the goggle.



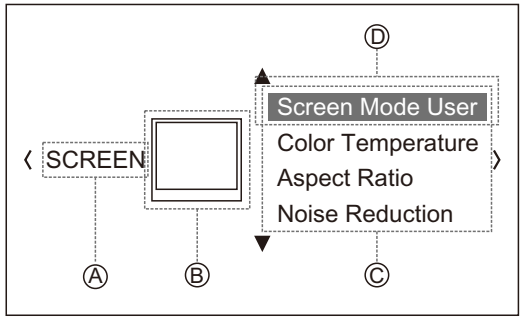
A: Signal Source: Built-in 5.8G RECEIVER / AV IN / HDMI IN
B: Battery Voltage for FPV GOGGLE
C: Selected Frequency
D: Signal Intensity A
E: Signal Intensity B

System Setting

Setting menus can be accessed at any time to change or adjust a variety of system setting, such as screen, sound mode and options. To view the menus, press the MENU button on the goggle.

Basic Menu Setting

1. Press the MENU button on the goggle.



A: Setting category
B: Setting category icons
C: Setting Menus
D: Current setting in each menu

2. Press ◂ or ▸ to select the desired setting category,
3. Press the ▲ or ▼ to select the desired menu, and then press↵ button confirm the selection. (Press MENU button to exit selection)
4. Press the ◂ or ▸ to change or adjust setting as needed.

Screen

Screen Mode	**Dynamic:** For sport video sources. **Standard:** Emphasizes a natural picture. Standard picture quality for a variety of video sources. **Mild:** Mild colors and mild contrast. **User:** Contrast: 0-100 Brightness: 0-100 Color: 0-100 Sharpness 0-100 Tint: 0-100 **Vivid:** Vivid colors and sharp contrast, for concerts, sports, and other televised content.
Color Temperature	Adjusts image color temperature. **Cool:** Cool blue color tones. **Medium:** Color tones between “Cool” and “Warm”. **Warm:** Warm red color tones. **USER:** Red: 0-100 Green: 0-100 Blue: 0-100
Aspect Ratio	**FULL:** Displays 4:3 content in full-screen, stretching the images horizontally. 16:9 Content is displayed at original aspect ration in full-screen. **4:3 :** Displays the images at the original 4:3 aspect ratio.
Noise Reduction	Reduces random image noise, similar to static. **Off/Low/Medium/High/Default:** Select the level of this effect. **Off:** Deactivates this function.

Sound Mode

Sound Mode	**Standard:** Provides standard surround-sound with moderate reverberation. Creates spacious soundstage for a range of content. **Music:** Emphasizes detail and purity of source audio. Faithful reproduction, similar to monitor equipment at recording studios. A good choice for music, sports, and documentaries. **Movie:** Emphasizes a natural soundstage, especially for spoken dialog. Surround-sound with a soundstage rivaling the impressive acoustics of movie theaters. Immersive, with each channel blended naturally. A good choice for movies. **Sports:** Provides pinpoint sound localization, for a clear sense of where sounds originate. A good choice when playing immersive content such as games with multi-channel surround-sound effects. **User:** Treble: **0-100** Bass: **0-100**

Balance	Adjust the sound level of right channel and left channel. **-50 to +50**
Auto Volume	When this feature is turned on, it helps to avoid volume fluctuation when changing the channels. **On / Off**
Surround Sound	Surround Effect **Off / Surround / Trusurround**
Equalizer	The equalizer setting allows you to set the bass middle and treble level manually. **120Hz: 0-100 500Hz: 0-100 1.5KHz: 0-100** **5KHz: 0-100 10KHz: 0-100**

Options

OSD Language	Sets the language used for menus and other interface elements. **Deutsch / English / Español / Français / Русский / 中文**
Fan Control	Ventilation fan can be turned on or off. **On / Off**
Blending	Making background transparency to OSD. **Off / Low / Medium / High**
OSD Duration	OSD display time. **Off / 5 Sec / 10 Sec / 15 Sec**

LCD Display

- Screen Size: 7"
- Screen Resolution: 1024x600
- Field of View: 65 Degree
- Display Scale: 4:3 or 16:9
- Respond Time: 10mS
- System: PAL/NTSC Auto Selecting

Diversity Receiver

- Dual Receivers with Dual Antenna Connection.
- Automatic Antenna Switching.
- >-90dB Typical Sensitivity.
- 5.8GHz 5 Band 40 Channel Frequencies.

Interface Connectors

- 3.5mm AV In Port
- 3.5mm Earphone Port
- XT30 Power In Port (DC 7-18V)
- Mini HDMI In Port
- 2 SMA Antenna Connectors

General

- Control via 8 Buttons
- High Comfortable with Durable Materials
- Adjustable Straps
- Built-in Speaker with Volume Control
- Built-in Ventilation Fan
- OSD Language
- Weight: 380g(Excluding Antennas)
- Size: 195x139x180mm

Electrical Properties

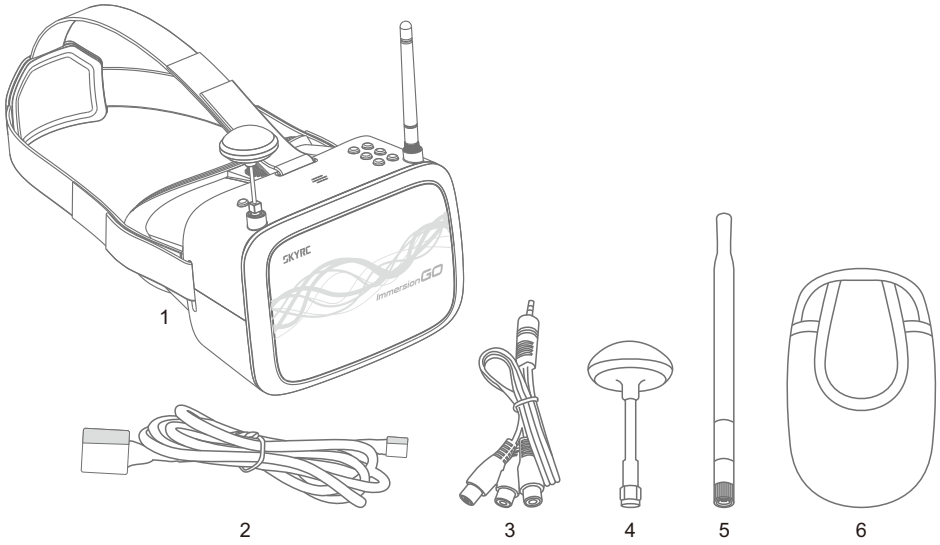
- Supply Voltage: 7-18V Recommended 2-4S LiPo
- Reverse Voltage Protection
- Current Consumption 530mA@12V

Frequencies

BAND	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5740	5760	5780	5800	5820	5840	5860	5880
B	5725	5745	5765	5785	5805	5825	5845	5865
E	5733	5752	5771	5790	5809	5828	5847	5866
F	5705	5685	5665	5645	5885	5905	5925	5945
R	5658	5695	5732	5769	5806	5843	5880	5917

The Set Contains

1. SKYRC HD FPV GOGGLE
2. Power Cable
3. AV Cable
4. SpiroNET Omni Antenna
5. Antenna
6. Battery Holder



Warranty and service

We guarantee this product to be free of manufacturing and assembly defects for a period of one year from the time of purchase. The warranty only applies to material or operational defects, which are present at the time of purchase. During that period, we will repair or replace free of service charge for products deemed defective due to those causes.

This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification or as a result of failure to observe the procedures outlined in this manual.

Note:

1. The warranty service is valid in China only.
2. If you need warranty service overseas, please contact your dealer in the first instance, who is responsible for processing guarantee claims overseas. Due to high shipping cost, complicated custom clearance procedures to send back to China. Please understand SkyRC can't provide warranty service to overseas end user directly.
3. If you have any questions which are not mentioned in the manual, please feel free to send email to info@skyrc.cn