



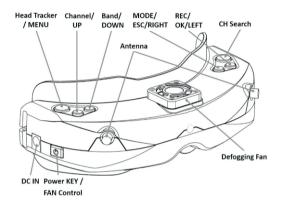
FPV GOGGLE USER MANUAL

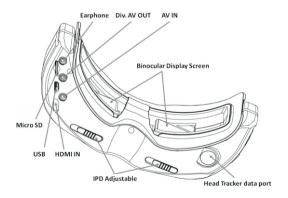


System Content



Function Diagram





Operation Guide

SKY02C FPV glasses are inbuilt with two 5.8GHz receiving modules, two antenna ports and two display models, SKY02C FPV glasses work in diversity reception mode. supports 6 bands and 48 channels (see the Specifications Description for details).

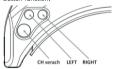
Quick Start

Preparation

- Install lens, eyeshade, antenna and storage card for FPV.
- Connect power to SKY02X FPV glasses, long press the power button to turn on the machine (and then
 long press the power button again to turn off the machine).
- Press short <UP/DOWN> button to adjust channels and keep consistent with the transmitter to view the images taken by the camera.
- Slide the IPD adjuster to adjust interpupillary distance (IPD).

Channel serach

Button function.



Long press the <CH Search> button to pop up the channel search menu.



press the <CH Search> button to execute channel search (repeatable). Channel search is conducted
from low frequency to high frequency. After 48 channels are searched, the device will work at the
strongest channel. The histogram displays the signal intensity of every channel. You may press the
<LEFT> button and the <RIGHT> to choose the desired channel manually. The signal intensity will be
updated in real time.



After exiting from the search menu, the device can work in the current search to the channel.

RF Racina

The <RF Racing> mode is specially set for the game. In this mode, the camera can work only on the
eight channels of the R band. The regulating channels of <CH> button will be increased, while the
regulating channels of <BAND> button will be decreased. The channel search function can be only
used to scan the eight channels of the R band.

Functions of Buttons (For the functions of buttons in playback mode, see the description in the "Playback" section)

TRACK Button:

- In normal mode, press short to reset the head tracker.
- Hold the Menu button 3s to enter menu setup.
- · In menu state, switch 4 main menus with such button.

CHANNEL Button:

- · In RF mode, press short to cycle adjust channels.
- In RF, HDMI IN, AV IN or PLAYBACK mode, Long press 3s to turn up volume.
- In menu state, press such button to choose upward.

BAND Button:

- · In RF mode, press short to cycle adjust bands.
- In RF, HDMI IN, AV IN or PLAYBACK mode, Long press 3s to turn down volume.
- · In menu state, press such button for choice.

REC Button:

- In RF or AV IN mode, press short to take videos and again to stop.
 - In menu state, press such button to confirm.
- · In channel search state, press such button to choose leftward.

MODE Button:

- · In preview state, press short to switching operation mode.
- In menu state, press such button to exit.
- In channel search state, press such button to choose rightward.

SEARCH Button:

In RF mode, hold such button to search, hold it 3s to enter or exit from the search menu.

RF Mode

- Press the <CHANNEL> button to adjust channels and <BAND> button to adjust bands in circular manner, then the screen will display BAND, CH and frequency.
- · Support channel search.

Image Adjustment

· In the image setup menu, you may set such parameters as Brightness, Contrast, Saturation, Hue and

- Sharpness to as to achieve personalized display effect.
- On the function item to be set, press the <OK> button to enter setup state, press the <UP/DOWN> button to zoom in/out images with images displaying the adjustment effect in real time; press the <FSC> button to back to the previous menu.
- It is recommended to set such parameters in very clear image state.

Head Tracking

- Head tracking needs initialization time. When powered on, be sure to keep the product horizontal and stable. When you hear "Beep", it means the initialization is completed and you may start to use head tracking; or you may press the <TRACK> button shortly when this device keeps stable to use such function normally.
- Press short <TRACK> button to reset the PPM signal to the central location with warning tone.
- In menu, you may set PPM channels as CH5-CH6, CH5-CH7, CH5-CH8, CH6-CH7, CH6-CH8 or CH7-CH8.
- Pan Tracking range: 180° (90° for left and right respectively), 120° (60° for left and right respectively),
 90° (45° for left and right respectively), 90° as default.
- Tilt Tracking range: (60° for left and right respectively), 90°(45° for left and right respectively), 60°(30° for left and right respectively), 90° as default.
- Pan Correction: Via such setup, you may separately compensate the central deviation of Pan. You may set it at 0~10 levels, and the actual compensation angle is related to the turning angle of the cradle head.
- Tilk Correction: Via such setup, you may separately compensate the central deviation of Tilt. You may set it at 0-10 levels, and the actual compensation angle is related to the turning angle of the cradle head.
- PPM Reverse: <Normal> as default setup, <Pan> as the reverse of such channel, <Tilt> as the reverse
 of such channel, <Pan & Tilt> reverse in two directions.

Recording

- It is recommended to format the storage card that is initially installed. (See "Format SD Card" section hereinafter for details).
- You may use the Record function in both RF mode and AV IN mode. In normal state, the screen will
 display <[®]Lo and SD Card Capacity Information; in such case, you may press the <REC> button to
 activate video recording; then the device will activate video recording with the icon <[®]Lo appearing in
 red and recording time starting to count.
- In preview state, you may press the <PHOTO> button to take photos with warning tone heard. (You cannot take photos during video recording)
- In default state, the video recorded also includes sound. You may close "REC Sound" in the system
 menu. In such case, you may record the video without sound.
- · You may inactivate the whole video module to power save.
- In order to ensure reliability, in video state, if the capacity of the card is less than 0.5GB, the device will automatically stop recording videos; if less than 0.01GB, the function of taking photos will be ineffective.

Playback

Functions of Playback Button:

· In RF mode or AV IN mode, Long press <REC> button to enter the playback mode.

- REC < PLAY/PAUSE/OK> button.
- PHOTO < STOP/BACK> button
- BAND < PREVIOUS/ Fast Backward > button.
- CHANNEL < NEXT/ Fast Forward > button.
- In playback mode, you may directly preview the video or photo in the storage card and the back 4 digits
 of the file name appears on the upper right corner. In case of video, the recording duration of the file
 will appear under the file name.
- In the process of playing a video file, you may press the < Fast Backward/Fast Forward > button for 2X, 4X, 8X play, and press the <PLAY > button to restore normal speed. When the play is over, the image will stay on the first frame of this file. In such case, press the < STOP > button to back to the previous state to have other operations or replay the video.
- When browsing the files in the storage card, to delete one file, press the < DELETE> button to pop up the "Delete" menu, and press the <OK> button to delete the desired file.
- · This device may be unable to identify the other files taken by other devices.

Fan

- The built-in fan can not only used for defogging, but also can be used to dissipate the heat within the product. The speed of fan can be set in the system menu.
- · Press the POWER button to start up/stop the fan for defogging.

HDMI IN

- This device supports HDMI IN. When the HDMI IN connection cable is inserted, it may automatically turn off the radio reception module to save power.
- When the resolution format supported is identified, images may automatically appear; otherwise, the inbuilt test image of 8 color bar.

AV IN

 This device supports AV IN. When the AV IN connection cable is inserted, it may automatically turn off the radio reception module to save power.

AV OUT

- · The AV OUT port outputs the audio and video signals of diversity reception.
- The earphone port may connect with a headset. When this device is powered on every time, be sure to
 minimize the volume of the headset in order to prevent large noise from affecting your hearing.

Format SD Card

 Enter the system menu, choose the option of "Format SD Card", press the <OK> button to enter the setup state, press the <UP/DOWN> button to choose <YES>, and the <OK> button again to format. Be careful to use such function, because, after such operation, all files in the storage cards will be
deleted

Factory Settings

- Enter the system menu, choose the option of "Factory Settings", press the <OK> button to enter the setup state, press the <UP/DOWN> button to choose <YES>, and the <OK> button again to restore all the functional settings in the menu to factory settings.
- · Restore factory settings not delete the files in SD card.

Screen OSD

- My Video recording icon: In normal state, such icon is white; in video recording, it is red. If you cannot take a video for any reason, for example, the video module is inactivated, the storage card is full or the faults, such icon will be in red. like My.
- Photo icon: In video preview state, press the <PHOTO> button to display such icon in red, indicating one photo has been taken.
- Storage card icon: In normal state, it appears in its original color followed by capacity in GB
 (1.000MB), when the storage card is full, it will be in red.
- · Mode icon: RF. HDMI, AV IN and PLAYBACK mode.
- Icon: RSSI Signal Intensity Indicator.
- Mode: After this device is connected to PC, such icon will appear. In such mode, you may manage
 the contents in the storage card of this device via PC operation, (you may have Playback, Copy and
 Delete on PC).
- Play/Pause icon.
- It will see such icon followed by corresponding speed rate.
- Power supply icon: If you do not want this device to monitor power voltage, you may set the power supply in DC IN and then the screen will display a cDC IN> icon. If battery is used for power supply, you may set the battery pack voltage range in 25, 35, 45, 55 or 65, and then the screen will display corresponding battery icon, in detail.
 ■ stands for Full battery and ☐ for Low battery.
- · Channel icon: Display "BAND" and "CH".

Specifications (SKY02C)

FOV			30 degrees (Diagonal)										
Binocular Display Resol		tesolution	olution 85		854X480(WVGA), 1,229,760 color sub-pixels								
Brightness		350cd/ m³											
Interpupillary			59-	69mm Adju	stable								
distance (IPD)													
					ISM 5.8GHz 48 Channel, Diversity receiver.								
	Preset CH 1			CH2				CH3			CH4		
	Free	quency 5733M,		/ 57711	VI	5752M / 5790M			5809M / 5847M			5828M / 5866M	
			Band	CH:	1	CH2	CH3	СН	4	CH5	CH6	CH7	CH8
	Cu	ıstom	Α	5865	M	5845M	5825M	580	5M	5785M	5765M	5745M	5725M
	Free	quency	В	5733	3M	5752M	5771M	579	OM	5809M	5828M	5847M	5866M
Wireless			E	5705	M	5685M	5665M	564	5M	5885M	5905M	5925M	5945M
Receiver			F	5740	M	5760M	5780M	580	MO	5820M	5840M	5860M	5880M
			R	5658	3M	5695M	5732M	576	9M	5806M	5843M	5880M	5917M
			L	5362	2M	5399M	5436M	547	3M	5510M	5547M	5584M	5621M
		Sensitivity			-90dBm±1dBm								
	L	Ante	nna port		2 X SMA,50ohm								
Head Tracker	•		Sensor		Inertial and gyro								
	Output				PPM 8 channel, Optional 5-6CH,5-7CH,5-8CH,6-7CH,6-8CH,7-8CH								
	Micro SD			Support to 32GB									
		Compression		MJPEG, 30fps, AVI									
Record		Picture			JPEG								
	Record				6Mbps								
		Vid	eo Standa	rd	NTS	C/PAL							
AV Signal		Video output level		1.0Vp-p Typ. / 75ohm									
		Audi	o output le	evel	1.0Vp-p Typ. / 10Kohm								
		Div. AV	OUT(3.5m	m4P)	Diversity Video, Audio output								
AV Port	AV Port		EAR OUT(3.5mm3P)		Stereo 16Ω/150mW								
	AV IN(3.5mm4P)			P)	Video、 Audio input								
HDMI IN(HDMI			11	HDMI 1.4 specification									
/C-Type)			1920x1080p60, 1920x1080p50, 1920x1080i60, 1920x1080i50,										
				1280x720p60, 1280x720p50, 576p, 576i, 480p, 480i, PC Format(Not all)									
DC IN		DC 7~26V/ 1A											
Power Supply Power Consumption			12V input: 4.8W										
Dimensions			168(L)X92.5(W)X41(H)mm (Not include prominent part)										
Weight		210 g (Not include package box)											
Operating Temperature		0℃~+60℃											

Specifications (SKY02C)

F		FOV		30 0	30 degrees (Diagonal)									
Binocular Display R		Resolution 8			854X480(WVGA), 1,229,760 color sub-pixels									
Brightness			350cd/m²											
Interpupillary			59-	69mm Adju	stable									
distance (IPD)														
					ISM 5.8GHz 48 Channel, Diversity receiver.									
	Preset CH 1			CH2				CH3			CH4			
Frequency		5733M / 5771M		М	5752M / 5790M			5809M / 5847M			5828M / 5866M			
			Band	CH:	1	CH2	CH3	СН	4	CH5	CH6	CH7	CH8	
	Cu	ıstom	А	5865	5M	5845M	5825M	580	5M	5785M	5765M	5745M	5725M	
	Fre	quency	В	5733	3M	5752M	5771M	579	OM	5809M	5828M	5847M	5866M	
Wireless			E	570	5M	5685M	5665M	564	5M	5885M	5905M	5925M	5945M	
Receiver			F	5740	MC	5760M	5780M	580	MO	5820M	5840M	5860M	5880M	
			R	5658	3M	5695M	5732M	576	9M	5806M	5843M	5880M	5917M	
			L	5362	2M	5399M	5436M	547	3M	5510M	5547M	5584M	5621M	
		Sen	sitivity		-900	dBm±1dBr	n							
	Antenna port						2 X SMA,50ohm							
Head Tracker			Sensor		Inertial and gyro									
			Output		PPM 8 channel, Optional 5-6CH,5-7CH,5-8CH,6-7CH,6-8CH,7-8CH									
	Micro SD			Support to 32GB										
		Co	Compression		MJPEG, 30fps, AVI									
Record		Picture			JPEG									
		R	ecord rate		6Mbps									
		Vid	eo Standa	rd	NTS	C/PAL								
AV Signal		Vide	Video output level 1.			1.0Vp-p Typ. / 75ohm								
		Audi	o output le	evel	1.0Vp-p Typ. / 10Kohm									
		Div. AV	OUT(3.5m	m4P)	Diversity Video, Audio output									
AV Port	AV Port E		EAR OUT(3.5mm3P)			Stereo 16Ω/150mW								
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HDMI IN(HDMI			HDMI 1.4 specification											
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			1280x720p60, 1280x720p50, 576p, 576i, 480p, 480i, PC Format(Not all)											
DC IN		DC 7~26V/ 1A												
Power Supply Power Consumption		12V input: 4.8W												
Dimensions			168(L)X92.5(W)X41(H)mm (Not include prominent part)											
	Weight			210 g (Not include package box) 0℃~+60℃										
Operating Temperature			00~+600											

影响听力。

格式化 SD 卡

- 进入系统菜单,选择 Format SD card 选项,按<OK>按钮进入设置状态,按<UP/DOWN>按钮选择< YES>,再按
 OK>按钮将执行格式化操作。
- 请谨慎操作此功能,格式化后将删除存储卡中所有的文件。

出厂设置

- 进入系统菜单,选择 Factory settings 选项,按<OK>按钮进入设置状态,按<UP/DOWN>按钮选择< YES>,再按
 OK>按钮将菜单中所有功能设置恢复至出厂默认状态。
- 恢复出厂默认设置并不会删除 SD 中的文件。

屏幕 OSD

- 录像图标:正常情况显示白色,录像过程以红色显示;如果因为某种原因不能录像,例如:录像模块被 关闭、存储卡满或者存储卡错误导致不能启动录像、将显示红色 図。
- 由照:在视频预览状态按一次<PHOTO>按钮,显示一次红色拍照图标,表示拍摄了一张照片。
- 看稽卡图标:正常情况显示本色,后面跟容量信息,并以 GB (1000MB) 为单位,当存储卡满后显示红色图标。
- 模式图标: RF, HDMI, AV IN, PLAYBACK 模式。
- 图标: RSSI 信号强度指示器。
- ▶ 模式: 当本机连接 PC 后,显示该图标,在此模式下可通过 PC 的操作来管理本机存储卡中内容,(可进行 PC 端回放,拷贝,删除)。
- **•** 快退/快进图标,在执行快退/快进操作时,该图标后面紧跟其相应的倍速。
- 电源图标:如果不需要本机监测电源电压,则设置为 DC IN 供电方式, 屏幕显示
 DC IN 内层、原本显示
 DC IN 供电力式、原本显示
 DC IN 供电力式、原本显示
 DE IT IN LE IT IN LE
- 频道图标:显示 BAND 和 CH。

- 音樂大式九阅以, 办量长置效量音的出離界中科器高更上次每競組赎款, 身具太骥尖赛垂回口辭 suphone
 - 。 空計燃料啉減音阻阱效果依出離口癖 tuO VA •

出矿VA

。量用管作以埃姆夫邯划赛趁太时失応目顺,羧發到 NI VA 入蔀芒 , 錦苡 NI VA 待支簿뮆暎్ •

√ ⊪ VA

- 。量即音节以块梯双接越太固天应目会、阅接透纸 NI IMOH 人醉苣 , 缩以 NI IMOH 特支續組機將

V壁 IMOH

- 。 POWER 选键印品初/天团风扇。

欧小风

。扑文断其闭代以扑文的最脐脉本刹限以常业缩小缩厄脉本

。科文前芒刹栅厄册数<X0>数

- , 中条刹瞧出鸭碎, '厨'还 。放歡次再旋
- 市療助其代牌,添狀炭煎至回数提致<上骨>發展需問出,,出面曲胂一展的件又逐至預得面曲,預景預辭芒
- 在播放視频文件这程内, 可撰<按J,快费/投入公社, X P, X P, X X 快速播放, 开斑<播放>疫型烙工, 可疑<
- 。分时储集阳判文资示显式不称各判文五会则 ,刊又赎將黃果限,壱藤四4品游谷刊又示显肛二台,汽無返田劃陝時出甲才葡升度赃势且得4五層規四卦
 - - 。掛發<緞腆> TRACK
 - CHVINEL < 1 小小田班>班班。
 - 。班班<退州/个一二> UNAN •
 - 。掛斑<回返/11型> • PHOTO
 - <播放/習肾/0K>接钮。
 - :頭灰阳虚斑灰懸坂回

双回

- 达斯拉斯用用部个时 8.0.16 中型产品 (2.56 以自动停止录像, 当企士 0.0.16 时小路局用拍照功能。
- 。是訃姨既博泰只顺,缩成"音声博泰"因关中单桨滤泵五以下,音声참应也每同硝颜既博泰迟散长粿
- - 。同村庫泰泰G龄刊并, 示显当这以◆【◆】司黎泰校自, 黎泰校自廚鼓<3я<
- 在 RF Mode 和 AV IN Mode 都可以使用录像功能,正常情况屏幕将显示。◆Av Af 储卡容量信息>,此时可按

剧汞

° [11] X/

- 。关百型甬
- Tilt Correction : 通过此设置可单独补偿 Tilt 的中心傳移, 0~10 个驾驭可设置, 实际补偿的组度跟云台转动

(払苗代帶"苅回"面司从青消џ掛對的大野苅回) 額收股效

- 在止高模式短模为 Head Tracker 夏位功能。
- CHYNNET Button:
- 证 RF, HDMI IN, AV IN, PLAYBACK 模式长线 3 秒可调节音量加。 RF 模式短接为频道接错, 可多次短接则循环调查。
- 。 妈逃亡胸 体散顺斑 既次 笔 印 , 唐 郑 妈 遗 庆 斑 既 万 野 如 卦
- 在 RE, HDMI IN, AV IN, PLAYBACK 模式长斑 3 秒可调节音量减。
- 企 RF、AV IN 模式短接可进行录像, 再次短接可停止录像。
- 在 MENU 状态为确定控钮。
- 。鞋武立式态状滚劈道膜连

。鞋选古代态为策胜道顾弃 在MENU状态为退出斑组。

- WODE Button:

SEARCH Button:

- KEC Button:
- 歪 MENU 状态为 1 选择。
- - BAND Button:
 - 在 MENU 状态为上选择。
- 长按 MENU 按钮 3 秒可进入菜单设置状态。
- TRACK Button:

°H

親與帝火

 Tilt Tracking range: 120 度 (土 1 各 60 度), 90 度 (土 1 各 45 度), 60 度 (土 1 各 30 度), 類人 90 度。 Pan Tracking range: 180 度 (五石各 90 度)、120 度 (五石各 60 度)、90 度 (五石各 45 度)、期/k 90 度。 年光市市可發星 PPM 通道: CHS-CH6、CHS-CH7、CHS-CH8、CH6-CH7、CH6-CH8、CH7-CH8。

型富山, 司报资KYSAXT>选班签求限国家特殊制作本事者庭, 缩模镜编辑类用型微性 p 调 规则分散形示券 树南"籼"I.贝顶奇,宝銹量以并,置分平水料粉品当步/树身上 五箭,间柯外欲除个一要需銷收線照路头 •

脊髓示量和突得上攀图且共,小大脊髓增强NoWN>型型高级 (态) 发现将数< M>≥型上原油的内置数要折 • 可在图像设置菜单设置图像的 Brightness, Contrast, Saturation, Hue, Sharpness 参数, 以达到个性代显示。

强
 CHANNEL>沒有调节頻道, 瓷
 BAND>沒有關力沒與率。

。 申莱索默出赴海車莱索默並映入抵付 8 游法, 键滚载式放为压势 7A 环

。省本新出双环,直四小甲至四及专制 MPI 得申此效<XDA8T>效应

、媒後型以置效态水面画料图阳柳南郊五以並・建・建が等が等が等が等が等ががが<l 观果, 斑<ESC>透倒返回上一层菜单。

操作指南

该 FPV 眼镜 SKY02C 内置两个 5.8GHz 接收模组及两个天线端口以及两个显示模组, SKY02X 工作在分集接收模式, 支持 6 波段和 48 个频道(详细的波段和频道见规格描述)。

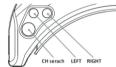
快速入门

准备

- 为FPV 眼镜安装好镜片、眼罩、天线以及存储卡。
- 给 FPV 眼镜 SKY02X 接通电源,长按电源键开机(再次长按则关机)。
- · 短按<UP/DOWN>按钮调节频道并与发射器保持一致,即可观看摄像头拍摄的画面。
- · 可滑动 IPD 调节器调节瞳距。

频道搜索

• 按钮功能



· 长按<CH Search >按钮弹出频道搜索菜单



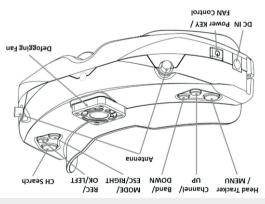
 短按cH search 3按钮则执行频道搜索(可重复执行),搜索功能按频率由低至高进行,搜索完48个频道 后会自动工作在信号最强的一个频道,直方图显示各频道的信号强度,可按 LEFT 或 RIGHT 按钮手动选择频 道,信号强度会实时更新。

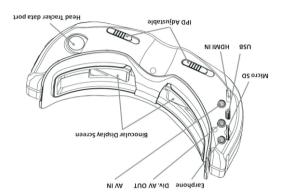


退出搜索菜单时,会以当前搜索到的顺道工作。

RF Racing

< RF Racing>模式专为比赛而设定,此模式下只工作在R波段的8个频道,
 CH>按钮调节频道加,
 按钮调节频道减,频道搜索功能只扫描该波段的8个频道。





Futaba 運換线



服 通控线

X 競天 i8bs 28.2



競姻磯猕 Vqa 冊年用動

LLA COCCIES



