

## USER MANUAL

WILDFIRE

5.8GHz Goggle Receiver



## Introduction

WildFire is a diversity receiver which provides stable video feed in various environments such as indoor, outdoor and multi-path areas.

WildFire adopts a unique algorithm which benefits from fast switch between antennas without harm to video feed which may happen in other brand receivers, the algorithm can effectively minimize signal latency, increase switch rate and prevent frame rolls.

### 01 | Main Menu

Long press the middle button into Main Menu.

Short Left /Right click to browse all the modes.

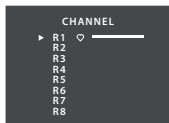
MAIN MENU  
▶ CHANNEL  
FAVORITES  
FINDER  
BAND SCAN  
SETTINGS

### 02 | Channel

Check and choose all supported channels.



At CHANNEL mode, you can check the current frequency, choose frequency, check RSSI info, and choose the favorite frequency.



**Long press middle button:** Go to the Main Menu.

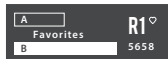
**Long press right button:** Choose/Cancel the favorite frequency.

**Short click left/right button:** Turn to other bands.

**Short click up/down button:** Turn to other frequency in the same band.

## 03 | Favorites

Lists all selected favorite channels.



At FAVORITES mode, you can check all the favorite frequency.



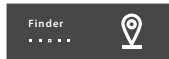
**Long press middle button:** Go to the Main Menu.

**Long press right button:** Choose/Cancel the favorite frequency.

**Short click up/down button:** Turn to next frequency.

## 04 | Finder

Tracks the signal.



In the FINDER mode, only bottom RX works, patch antenna is recommended.



**Long press middle button:** Go to the Main Menu.

**Short click up/down button:** Turn to next frequency in the same band.

**Short click left/right button:** Turn to next band.

## 05 | Band Scan

Scan channels, find the best frequency.

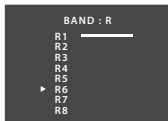


In BAND SCAN mode, you can find the best frequency, then click it, setup to current frequency.

**Long press middle button:**  
Go to the Main Menu.

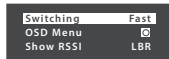
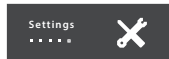
**Short click left/right button:**  
Turn to next frequency in the same band.

**Short click up/down button:**  
Turn to next band.



## 06 | Settings

Set parameters.



In SETTINGS mode, you can setup based on personal preference.

**SWITCHING:** Fast/Slow/Off, control the 2 Rx switch rate, fast is default.

**OSD:** ON/OFF, Enable/Disable OSD info.

**SHOW RSSI:** 6 types of OSD RSSI style overlay on the screen.

**LBR:** Left Bar. **CBR:** Center Bar. **RBR:** Right Bar.

**LDG:** Left Digit. **CDG:** Center Digit. **RDG:** Right Digit.

**FS SWITCH:** ON/OFF.

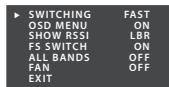
**ALL BANDS:** ON/OFF, if on, all 80CH is available, of OFF, only 40CH works( A B E F R band).

**FAN:** ON/OFF, control the fan on and off.

**Long press middle button:**  
Go to the Main Menu.

**Short click up/down button:**  
Turn to next option.

**Short lick middle button:**  
Enter/Confirm.



## 07 | Specification

|                  |                                                                          |
|------------------|--------------------------------------------------------------------------|
| Size             | 42 x 25 x 23mm                                                           |
| Weight(net)      | 23g                                                                      |
| Compatibility    | All FatShark Series, 3D STL Case<br>Provided for Attitude and Orqa Users |
| Interface        | 5 way button, 0.91" 128x32 OLED<br>screen, Micro-USB                     |
| OSD              | Yes                                                                      |
| Firmware upgrade | Yes                                                                      |
| Voltage          | 5V~16V                                                                   |
| Consumption      | 0.4A±10%@5V                                                              |
| Frequency        | 80CH 4.9-6.0Ghz (A, B, E, F, R, H, U, L, O, X)                           |
| Menu             | Channel, Favorites, Finder, Band Scan<br>and Settings                    |
| Antenna          | 2 x SMA                                                                  |



# WILDFIRE

野火 5.8GHz Goggle接收机



## 产品简介

WildFire野火是一款专为Goggle打造的分集接收机,可在室内,室外和多路径反射等各种复杂环境中提供稳定的视频输出。

WildFire采用独特的算法,得益于天线之间的快速切换算法,能够提供无损的信号,该算法可以有效地最小化信号延迟,提高切换速率并防止帧滚动。

## 01 | Main Menu 主菜单

长按中间键进入主菜单

短按左/右按键实现模式切换

MAIN MENU

▶ CHANNEL  
FAVORITES  
FINDER  
BAND SCAN  
SETTINGS

## 02 | Channel 频道

查看/选择所有支持的频点。

Channel

□ . . . . □

CH

A

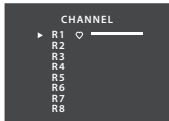
Channel

B

R1

5658

在该模式下,用户可以查看目前使用的频点,选择频点,查看RSSI信号,并且可以将频点加入收藏夹。



长按中间键 - 返回主菜单

长按右键 - 添加/移除当前收藏的频点

短按左/右键 - 选择不同频段

短按上/下键 - 选择同频段中不同频点

## 03 | Favorites 收藏夹

查看所有收藏的频点。



在该模式下,用户可以查看收藏的所有频点,还可以进行删除操作。



长按中间键 - 返回主菜单

长按右键 - 选择/移除当前收藏的频点

短按上/下键 - 选择下一个频点

## 04 | Finder 寻机

跟踪信号。



在该模式下,下面的RX模块起主要作用,推荐使用平板天线。



长按中间键 - 返回主菜单

短按左/右键 - 选择不同频段

短按上/下键 - 选择同频段中不同频点

## 05 | Band Scan 频段扫描

查找最佳频点以及存在的干扰源。

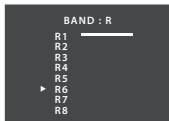


在该模式下, 查到最佳频点, 点击即可设置为当前频点。

长按中间键 - 返回主菜单

短按左/右键 - 选择同频段中不同频点

短按上/下键 - 选择不同频段



## 06 | Settings 参数设置

设置参数。



在该模式下, 根据自己需求进行设置。

Switching (切换速度): Fast (快)/ Slow (慢)/ Off (不切换), 控制2个RX切换速度, 默认为快, 建议不更改。

OSD (菜单): ON(开)/ OFF (关), 开启/关闭OSD信息。

SHOW RSSI (RSSI显示): 6种显示模式。

LBR: 屏幕左柱状

CBR: 屏幕中柱状

RBR: 屏幕右柱状

LDG: 屏幕左数字

CDG: 屏幕中数字

RDG: 屏幕右数字

FS Switch (切换): ON (开) / OFF (关)

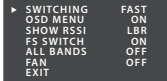
All bands (全频80CH): ON (开) / OFF (关), 如果设置为开, 所有80CH频点都可用, 如果设置为关, 40CH频点可用 (A B E F R频段)。

Fan (风扇): ON (开) / OFF (关), 控制风扇开关。

长按中间键 - 返回主菜单

短按上/下键 - 选择下一个参数

短按中键 - 设置/确认



## 07 | Specification

|      |                                                |
|------|------------------------------------------------|
| 尺寸   | 42 x 25 x 23mm                                 |
| 重量   | 23g                                            |
| 兼容   | Fatshark HD系列肥鲨眼镜, Attitude和Orqa系列眼镜需要单独3D打印外壳 |
| 接口信息 | 5向按键, 0.91" 128x32 OLED 屏幕, Micro-USB          |
| OSD  | 支持                                             |
| 固件升级 | 支持                                             |
| 输入电压 | 5V~16V                                         |
| 功耗   | 0.4A±10%@5V                                    |
| 支持频率 | 80CH 4.9-6.0Ghz (A, B, E, F, R, H, U, L, O, X) |
| 菜单   | 频率, 收藏夹, 寻机, 频段扫描, 设置                          |
| 天线接口 | 2 x SMA (内孔)                                   |