

# TOPSKY PRIME-1

## Introduction

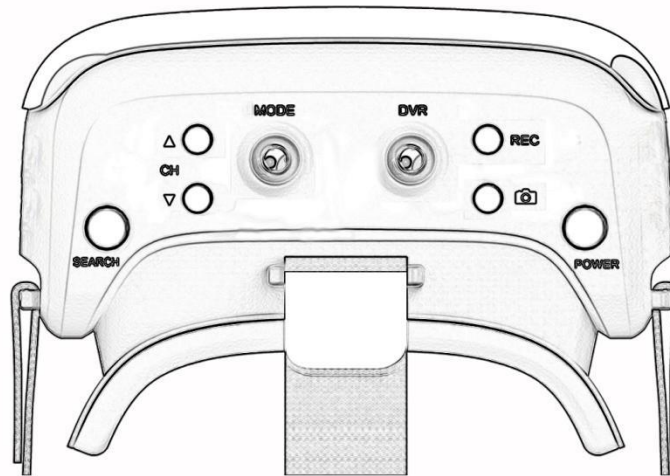
Congratulations on purchasing the PRIME-1 FPV goggles from TOPSKY. PRIME-1 is specially designed for the FPV beginners to handle the drone easily with lots fun. It is very friendly for beginner users to control with very good performances. The resolution is 640\*480 with two 2.4 -inch LCDs and the FOV is 86°, so images are very clear. You can run the goggles long time with big enough battery capacity 2000mah. It is comply with the ergonomics, so you would feel comfortable when you use. You also can use DVR to

shoot videos and share to friends. To ensure continued enjoyment, please take the time to read through the operation manual before flight.

## Specifications

<b>FOV</b>	86°
<b>Resolution</b>	640*480(LCD*2)
<b>Screen size</b>	4:3 , 2.4 inch
<b>IPD</b>	58-72 mm
<b>Sensitivity</b>	-95db
<b>SD support</b>	Support up to 32G..
<b>Ports</b>	AV-IN/ <a href="#">Headphone jack</a> /micro USB Port
<b>Module</b>	Double 5.8G modules
<b>Wireless signal reception</b>	Built-in high sensitivity receivers with 48 channels, high-speed one click search;
<b>Video standard</b>	NTSC/ PAL Auto select
<b>Button adjustment</b>	Channel/Mode /Search/DVR /REC /Power switch/picture
<b>Battery</b>	Built-in battery, 5V, 2000mAh (1-2hours)

## Main buttons



**SEARCH:** Automatic search , select and save the strongest signals channels  
( appear 'searching' prompt during the search)

**BAND and CH:** Switch through the strongest channels found (Short press once ,view current channel.Short press again,**BAND** switch frequency range between **FR A/B/E,,F/ R** and **FR L**;**CH** switch **1/2/3/4/5/6/7/8** frequency points.)

**MODE:** Short Press:  
Switch between **AV-IN** and **5.8G-REC** Mode

Slide forward/backward:  
Enter Settings window and **show the following content**  
Diversity mode(slow,medium,fast),Brightness, contrast,  
chroma, volume, color gain, language

Slide left/right

Choose diversity mode and language,adjust the setting parameter

**DVR:**

Short Press:

Under the REC mode,Enter **DVR** playlist (TF card access)

Slide left/right

**DVR** playlist navigation

Slide forward:

Exit **DVR** playlist and jump to AV IN mode/shut playback video or image

Slide backward:

Open videos or image; Play / stop watching videos

**REC:**

Short Press:

**START/STOP** the REC record (Operation under 5.8G—REC mode)

Note: record video will be automatically saved in TF card,the recorded videos which are more than 30 minutes will be saved in sections, each segment can not beyond 30 minutes

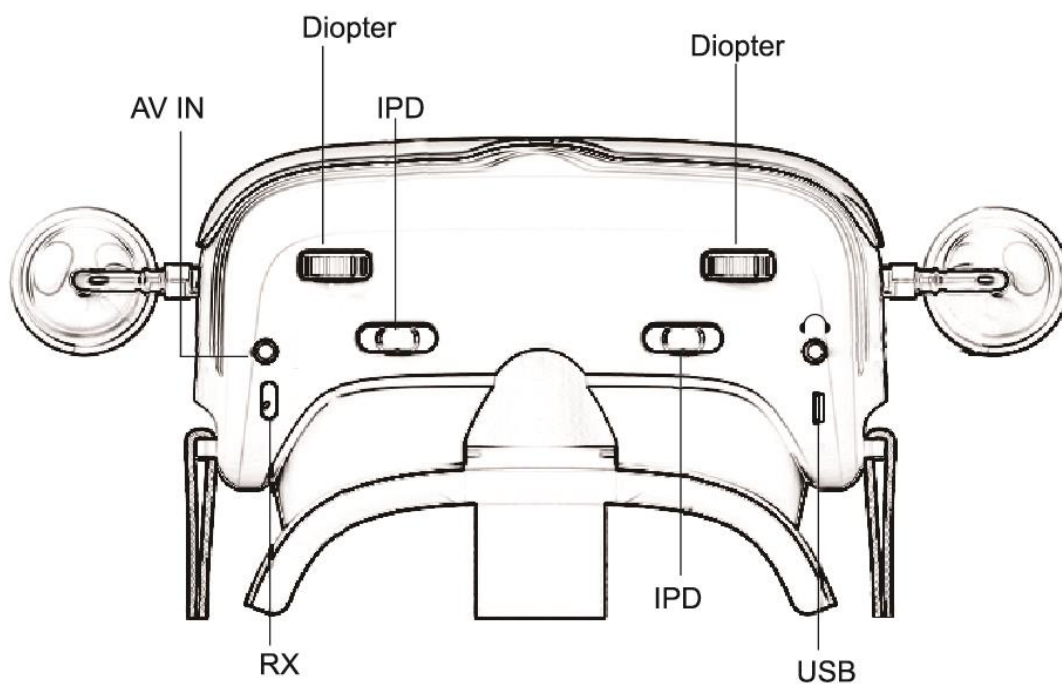
**PICTURE:**

Short press to instant **PICTURE** (Operation in REC recording process)

**POWER:**

Long press to turn off /turn on

In the boot state, press short to check electric capacity



- RX:** Switch **ON/OFF** 5.8g Receiver (Turn on, receive drone signals, turn off, receive audio information of AV-IN interface input)
- AV-in:** Standard 3.5mm **AV** input (RX set to OFF required)
- DIOPTR:** Eye to screen distance sliders for each eye
- IPD:** Pupil distance sliders for each eye
- HEADPHONE JACK:** Standard 3.5mm output
- USB:** **Micro-USB** charging port (Built in battery, The charging voltage is 5v/1A)

## Safety features

Low power reminder: Red "LOW POWER" appears in the middle of the screen, accompany by voice. In the process of automatic search, only warning sound, no 'LOW POWER' information

Automatic save: The frequency point and the brightness of settings will be automatically saved after power off

## 5.8G—REC mode

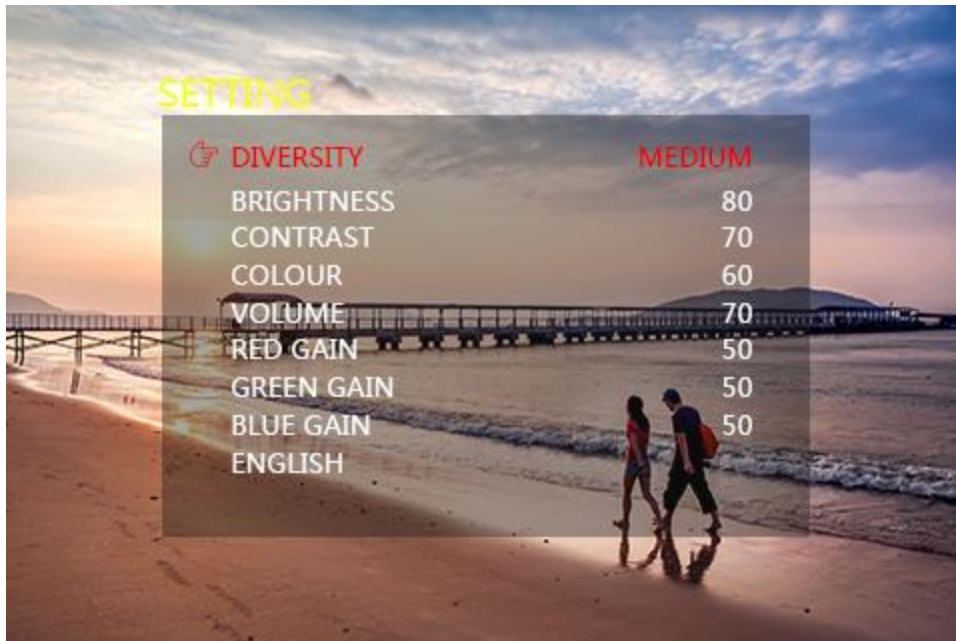
Boot-up will go into 5.8G—REC mode by default. Short press the MODE button to enter 5.8G—REC mode ( In the case of TF card), the screen appears red 'NO DVR' prompt.

Short press the REC button to start REC recording, and appear 'REC' words flashing on right top corner. In the recording process, you can use the PICTURE button to take photos.



## Setting windows

Display the setting items and adjust the setting parameters, as is shown in the following figure:



## DVR playlist

Show the preview file of videos recorded and pictures in prime-1 TF card



## Notices and warnings

1. Please check everything in the case when you open firstly
2. Install the TF card before you use DVR
3. Please fly back your drone when the goggles appear low power warning
4. Use [AV-IN interface](#) to ensure 5.8G receiver turned off before
5. Do not leave the headset exposed in the sunlight directly, may damage your optic accessories.