

# Fatshark Base

Congratulations on purchasing the new Fat Shark RCV922 BASE. The RCV922 BASE has been designed specifically for use with FPV base stations. For maximum enjoyment, please take time to read the enclosed manual.

**PRODUCT WARNING: DO NOT LEAVE HEADSET EXPOSED TO DIRECT SUNLIGHT. SUNLIGHT WILL BE MAGNIFIED BY THE OPTICS AND BURN HOLES IN THE LCD SCREEN. THIS WILL NOT BE COVERED BY WARRANTY.**

## KEEP GOGGLES IN PROTECTIVE BAG WHEN NOT IN USE

### Contents Checklist:

- RCV922 BASE VGA video display
- 3m AV cable
- AV power connector
- Headset protective carry bag
- Manual.



### Controls:

- Brightness contrast control (with center press HT reset – optional)
- Head tracker channel select (controls optional HT)
- On/off switch (not shown, located on bottom of headset)
- IPD adjustment (inter pupillary adjustment)

### Interface:

- 6 Pin RC type square connector (Vid, AudL, AudR, Vin, GND, GND).
- 3.5mm AV port (underneath)

### Accessories:

- Diopter lens inserts (available in -2, -4, -6 dpt)
- Wireless gyro head tracker (not yet available)

### Specifications:

#### Optics:

- FOV 46 degrees diagonal
- Interpupillary (IPD) distance: 58mm – 70mm
- Image size: 80" @ 7'
- Optional diopter lens available in -2, -4, -6 dpt

#### Audio:

- Stereo (volume adjustment on earphone cable)

#### Electrical:

- Power supply, 6-12V
- Power consumption: 230/450mA (direct/wireless)

**System:** NTSC/PAL auto select

#### Mechanical:

- Ergonomic molded shape. Foam seal for comfort and ambient light reduction.
- Weight: 110g (without cable)
- Adjustable headband

#### Display

- NTSC/PAL auto select
- Two full color micro LCD's, RGB stripe
- 922,000 pixels per eye, 640 X 480 lines

#### Interface

- 3 wire RCA connector

**Typical application:**



- Connect appropriate RCA cable to AV RX (yellow is video).
- Plug female connector into RX power in, Connect power supply (typically 9 – 12V) to male connector.
- NOTE THAT INSIDE PIN DIAMETER IS 2.1mm. IF NO POWER, POSSIBLE CAUSE IS CENTER PIN IS NOT CONNECTING (due to supply connector too large).
- Y splitter will provide power to RX and headset.
- Connect square connector to headset.

**Optional Diopter Lens installation:**



**Warranty:** The system can be exchanged for a new unit within 7 days for any manufacturing defects if returned in new condition. The video headset will be warranted for repair for 2 years if no signs of excessive use. Buyer will responsible for shipping costs. If beyond warranty period, we will provide repair services.

For More product information, please visit:

[www.gowiththeshark.com](http://www.gowiththeshark.com)

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