

FR632

5.8GHz 40CH Diversity Receiver

I. Specification:

| | | |
|----|--------------------------------|--------------------------|
| 1 | Receiving frequency: | ISM 5.6GHz-5.95GHz 40 CH |
| 2 | Operating Voltage : | +6.0V~+28.0V |
| 3 | Supply current : | <130mA/12V DC |
| 4 | Video Output Level: | 1V±0.2Vp-p/75Ω |
| 5 | Audio Output Level: | 0.5 ~ 2.0Vp-p/10KΩ |
| 6 | TV System: | PAL/NTSC/SECAM (AUTO) |
| 7 | Wireless Receiver Sensitivity: | <-92dBm(15dBuV) |
| 8 | Antenna Connector: | SMA Connector |
| 9 | Weight: | 92g |
| 10 | Dimensions (L x W x H): | 78x68x15mm |
| 11 | Operating Temperature: | -10°C ~ +85 °C |

Operating Frequency Table

| CH Group | CH 1 | CH 2 | CH 3 | CH 4 | CH 5 | CH 6 | CH 7 | CH 8 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| A | 5865MHz | 5845MHz | 5825MHz | 5805MHz | 5785MHz | 5765MHz | 5745MHz | 5725MHz |
| B | 5733MHz | 5752MHz | 5771MHz | 5790MHz | 5809MHz | 5828MHz | 5847MHz | 5866MHz |
| C | 5705MHz | 5685MHz | 5665MHz | 5645MHz | 5885MHz | 5905MHz | 5925MHz | 5945MHz |
| D | 5740MHz | 5760MHz | 5780MHz | 5800MHz | 5820MHz | 5840MHz | 5860MHz | 5880MHz |
| E | 5658MHz | 5695MHz | 5732MHz | 5769MHz | 5806MHz | 5843MHz | 5880MHz | 5917MHz |

II. Features:

40 Channel

Automatic Switching Built-in Dual Receiver Automatically for best reception

Dual buffered AV outputs

Unique channel search function

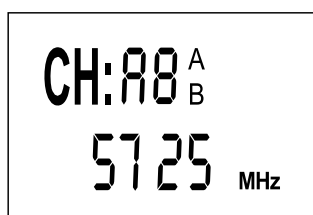
Large input voltage range, Very low current consumption

Not affect by 2.4GHz R/C Radios

LCD display, high brightness, very intuitive work status

III. Operation and Figures

Display

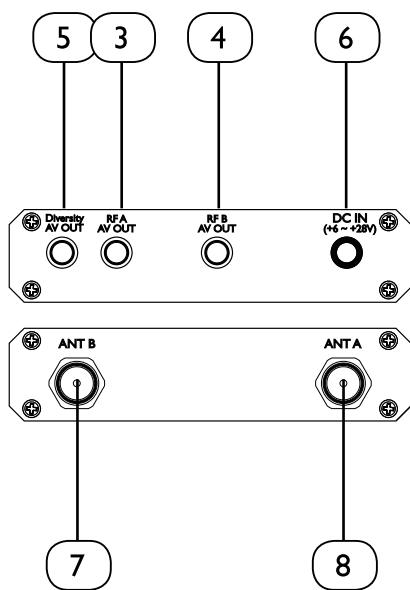
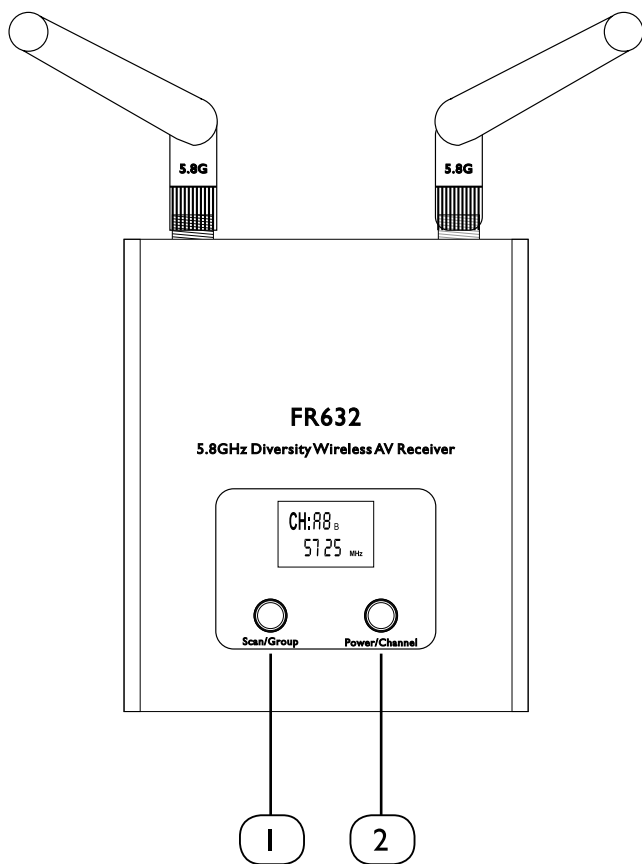


Display content description :

A: RFA; B: RF B (Show A or B)

A8: Group and Chaneel

5725 MHz : Frequency



Functions Operating

Key operation

Scan/Group(1)

Press button 2S, the system will enter the search state, when search for a certain intensity signal, a stop at the channel;

Short press button to select a different frequency groups, namely *A, B, C, D*.

Power/Channel(2)

Press button 2S, power on or off;

Short press button to select a different channel, 1 --- 8.

Interface

RF A AV OUT(3)

RF A receives the output of an AV signal ;

RF B AV OUT(4)

RF B receives the output of an AV signal;

DIVERSITY AV OUT(5)

DIVERSITY the received AV signal output ;

DC IN(6)

DC IN, +6V~+28V power supply.

ANT B(7)

RFB Antenna;

ANT A(8)

RFA Antenna;