

FR632

5.8GHz 32CH Diversity Receiver

I. Specification:

1	Receiving frequency:	ISM 5.6GHz-5.95GHz 32 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	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

II. Features:

32 Channel

Automatic Switching Built-in Dual Receiver Automatically for best reception

Dual buffered AV outputs

Unique channel search function

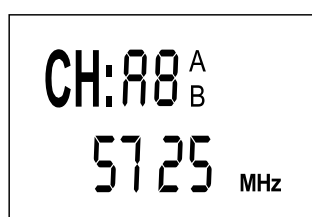
Large input voltage range, Very low current consumption

Not affect by 2.4GHz R/C Radios

LCD display, high brightness, very intuitive work status

III. Operation and Figures

Display

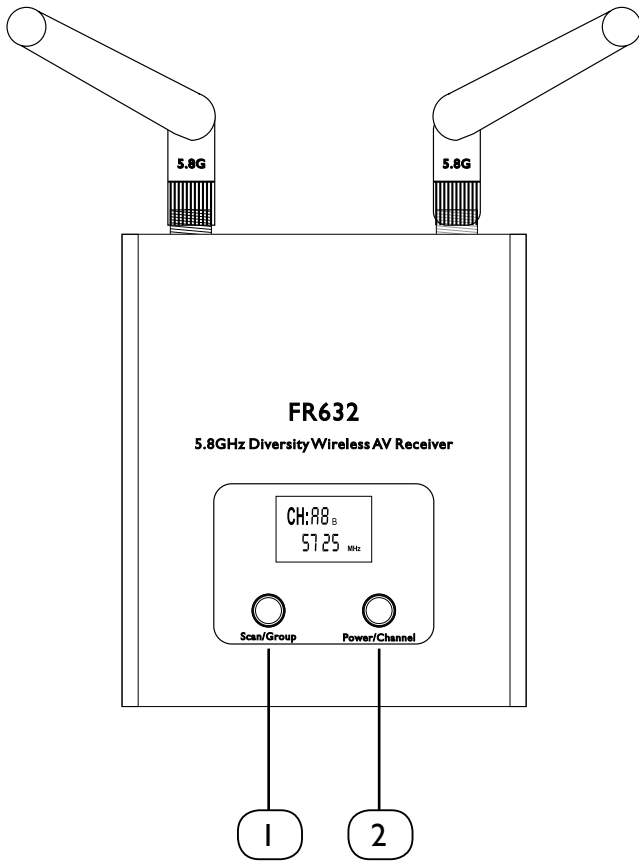


Display content description :

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

A8: Group and Chaneel

5725 MHz : Frequency



Functions Operating

Key operation

Scan/Group(1)

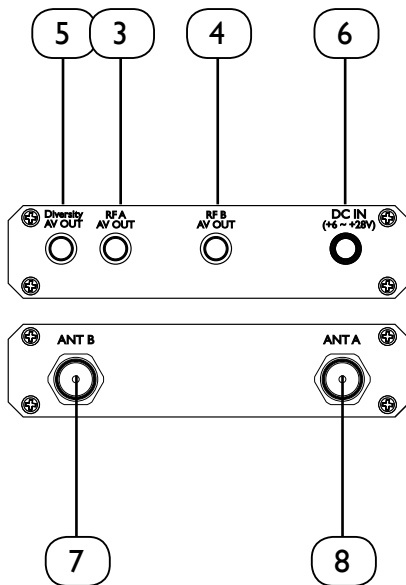
Press button 2S, the system will enter the search state, when search for a certain intensity signal, a stop at the channel;

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;