

# 7.2GHz VRX Receiver Box

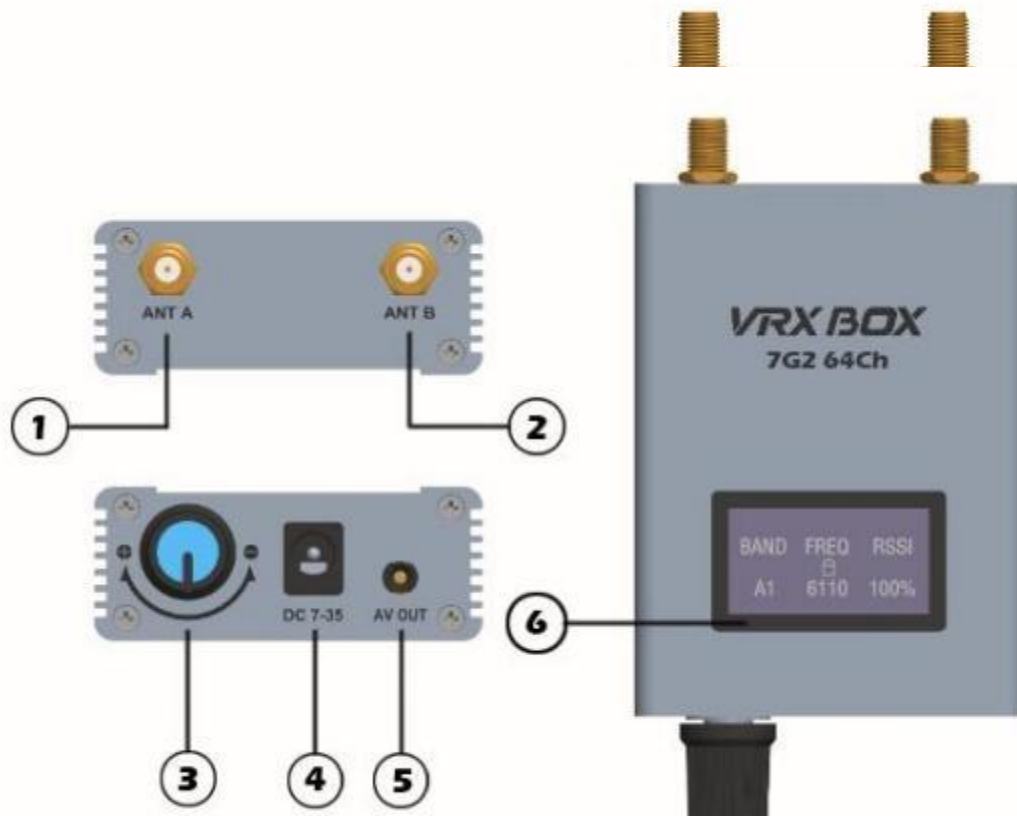
## Manual


Model: LST-7G2VRX-BOX

### I. Appearance

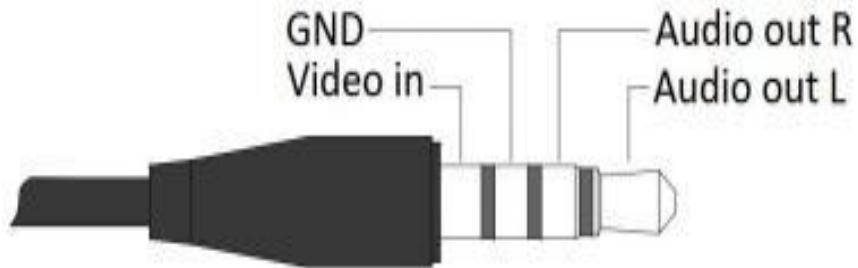


## II. Interface description



No.	Item	Function	
1	RX ANT A	Receive antenna A port (SMA-F) Impedance 50Ω	
2	RX ANT B	Receive antenna B port (SMA-F) Impedance 50Ω	
3	ENC SW	Encoding switch, rotate left and right to adjust the frequency point. (Press briefly to switch frequency bands; press and hold for 3 seconds to lock the screen, then press again for 3 seconds to unlock.)	
4	DC IN	DC 7-35V input, Max≤36V.	
5	AV OUT	Video output, amplitude 1Vp-p	
6	OLED	BAND	Operating frequency band
		FREQ	Operating frequency (MHz)
		RSSI	Received Signal Strength Indication
			Screen lock icon

## AV Output Definition:



## III. Receiver Operating Channel Table

Frequency Table								
Channel Band	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
BAND A	6110	6130	6150	6170	6190	6210	6230	6250
BAND B	6270	6290	6310	6330	6350	6370	6390	6410
BAND E	6430	6450	6470	6490	6510	6530	6550	6570
BAND F	6590	6610	6630	6650	6670	6690	6710	6730
BAND R	6750	6770	6790	6810	6830	6850	6870	6890
BAND P	6910	6930	6950	6970	6990	7010	7030	7050
BAND H	7070	7090	7110	7130	7150	7170	7190	7210
BAND U	6115	6265	6425	6585	6745	6905	7065	7185

## IV. Receiver Parameters

Item	Min.	Median	Max.	Test Conditions
Freq	6110MHz	6650MHz	7210MHz	
Input Impedance	50 $\Omega$			Antenna port impedance
Operating Voltage	DC 7~ 35V			
Operating Current	0. 18A			Power supply 12V Data
Receiver Sensitivity	-95dBm $\pm$ 2			
Video Amplitude	1Vp-p			
Max. Input	10dBm			Max. Input Wattage
Weight	120g			
Dimension	83*61*25mm			
Operating Temperature	-20 $^{\circ}$ C	25 $^{\circ}$ C	75 $^{\circ}$ C	
Operating Humidity	10%	50%	95%	
Storage Environment	-40 $^{\circ}$ C	25 $^{\circ}$ C	90 $^{\circ}$ C	Storage Temperature

## V. Packing Detail

1. Antenna \* 2;
2. XT60 to DC 3.5mm power cable \* 1;
3. 3.5mm dual-head AV cable \* 1;
4. 3.5mm to RCA AV cable \* 1