

5.8GHz VRX Receiver Box

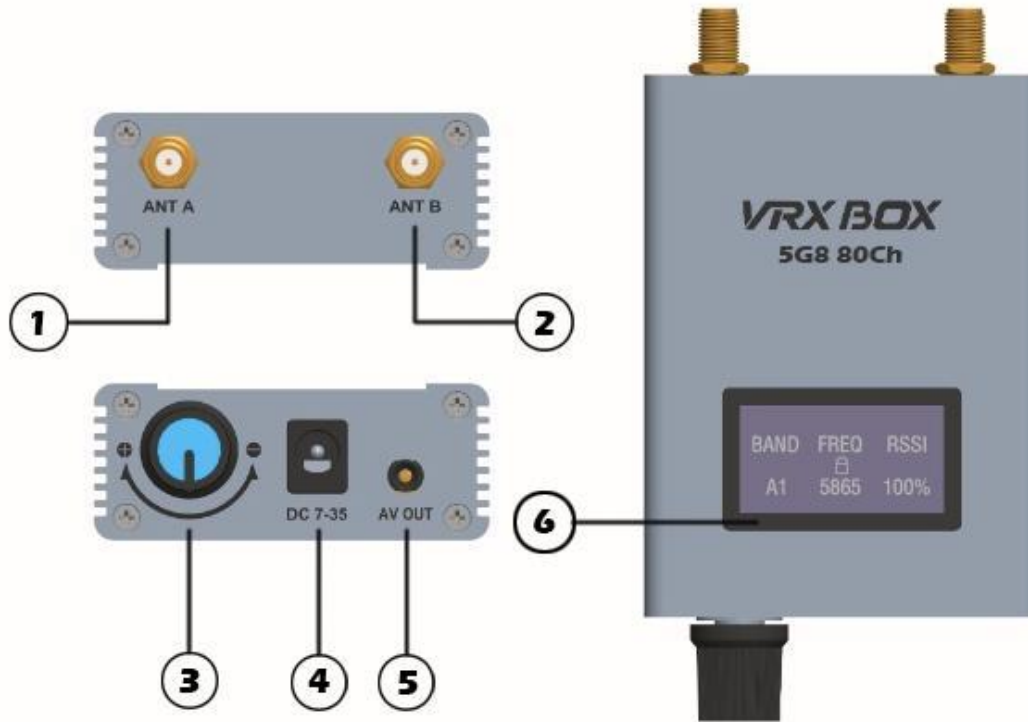
Manual


Model: LST-5G8VRX-BOX

I. Appearance

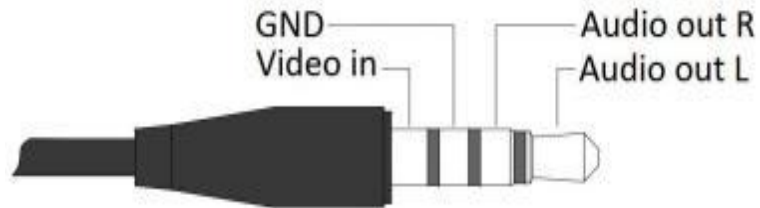


II. Interface description



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								
Band	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Band A	5865	5845	5825	5805	5785	5765	5745	5725
Band B	5733	5752	5771	5790	5809	5828	5847	5866
Band E	5705	5685	5665	5645	5885	5905	5925	5945
Band F	5740	5760	5780	5800	5820	5840	5860	5880
Band R	5658	5695	5732	5769	5806	5843	5880	5917
Band L	5333	5373	5413	5453	5493	5533	5573	5613
Band X	4990	5020	5050	5080	5110	5140	5170	5200
Band H	5653	5693	5733	5773	5813	5853	5893	5933
Band U	5325	5348	5366	5384	5402	5420	5438	5456
Band O	5474	5492	5510	5528	5546	5564	5582	5600

IV. Receiver Parameters

Item	Min.	Median	Max.	Test Conditions
Freq	4990MHz	5474MHz	5945MHz	
Input Impedance	50Ω			Antenna port impedance
Operating Voltage	DC 7~ 35V			
Operating Current	0.18A			Power supply 12V Data
Receiver Sensitivity	-95dBm±2			
Video Amplitude	1Vp-p			
Max. Input	10dBm			Max. Input Wattage
Weight	120g			
Dimension	83*61*25mm			
Operating Temperature	-20℃	25℃	75℃	
Operating Humidity	10%	50%	95%	
Storage Environment	-40℃	25℃	90℃	Storage Temperature