2 IN 1 Repeater Manual

Specs:
Voltage input: 2-6S Lipo
RC IN Protocol: SBUS/CRSF, auto detection
Video: 1.2G to 5.8G
5.8G VTX: 1.2W 48CH

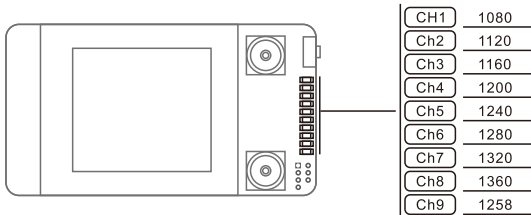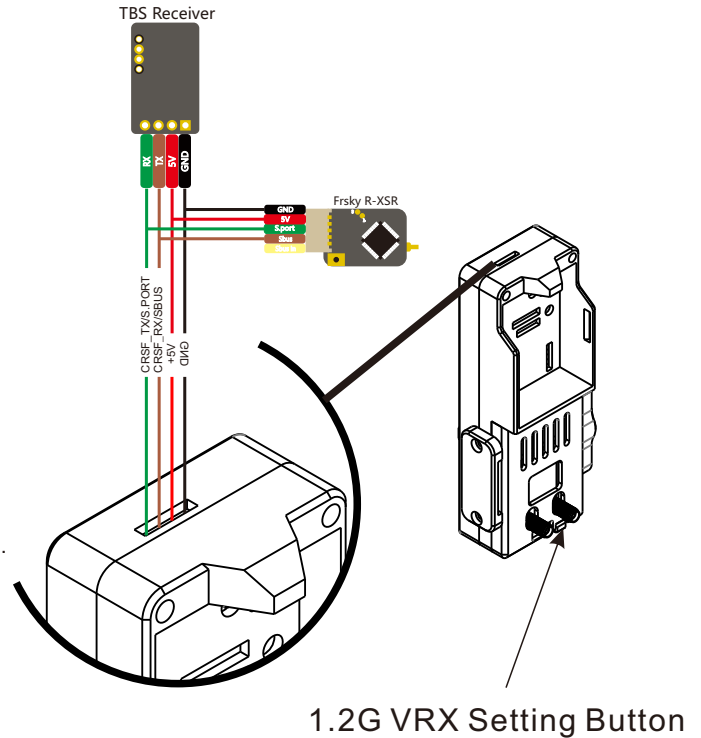## How to use:

Radio System:
1. Solder the receiver with duppond cable, plug the receiver to the repeater
2. Plug the ELRS/CRSF TX module to the repeater
3. Bind the radio with receiver on repeater
4. bind the ELRS/CRSF TX module on repeater with drone receiver

Video System:
1. Set the 1.2G VRX to matched the CH on drones
   How to change the CH:Hold the button for 2s to in to setting mode, press the button to change CH, no button control for 3s,the vrx will save and quit the setting mode

   For stock antenna, its suggest to use at CH4/5/6/8 to get best range.

TBS Receiver

RX TX 5V GND

Frsky R-XSR
GND 5V S.port Sbus

CRSF_TX/S.PORT
CRSF_RX/SBUS
+5V
GND

1.2G VRX Setting Button

CH1	1080
Ch2	1120
Ch3	1160
Ch4	1200
Ch5	1240
Ch6	1280
Ch7	1320
Ch8	1360
Ch9	1258

VTX Setting
Set the 5.8G VTX to matched with the Goggles or ground station

Band	Channel							
	1	2	3	4	5	6	7	8
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
Airwave/FS	5740	5760	5780	5800	5820	5840	5860	5880
Race Band	5658	5695	5732	5769	5806	5843	5880	5917
L Band	5362	5399	5436	5473	5510	5547	5584	5621

1. Hold button 3 seconds into setting mode.
2. In setting mode. short press the button to change band.
3. Then hold button 3 seconds into CH setting mode, short press button to change CH.
4. Hold button 3 second to get into Power setting mode, there is short bar on LED, short press to switch power, 1 bar means 200mW, 2 bar means 800mW, 3 bar means 1200mW.