



VTX Pilotix R3000 High Performance Video Transmitter Instruction Manual

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VTX Pilotix R3000 High Performance Video Transmitter Instruction Manual



Model	Pilotix 4.9~5.8G 3W VTX
DC IN	7~36V
Working temperature	-10~60℃
RF Impedance	50Ω
Video Input Impedance	75Ω
Antenna Interface	MMCX
Video Format	NTSC/PAL
Protocol	IRC
Channel	A-B-E-F-R-L-X
Power	PIT/25mW/1W/2W/3W
Size	53*29.5*14.7mm
Mounting	20*20mm/M2

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Button Instructions

POWER Button

Three color light indicator, short press to switch power, green indicates 25mW, yellow indicates 1W, red indicates 2W, purple indicates 3W, long press for 2S to switch PIT mode, green flashing indicates PIT mode.

Band/CH Button

8 blue lights indicate frequency points and frequency groups, short press to switch frequency points, CH1-CH8 cycle switching;

Press and hold for 2 seconds to enter the frequency group switching mode, and both blue lights will light up at the same time. Then press and hold for 5 seconds to switch frequency groups, and it will automatically save and exit.

(Explanation of frequency group indicator lights: CH1-CH8:

When two blue lights are on at the same time, it indicates frequency group. When 12 lights are on, it indicates group A; when 23 lights are on, it indicates group B; when 34 lights are on, it indicates group E; when 45 lights are on, it indicates group F; when 56 lights are on, it indicates group R; when 67 lights are on, it indicates group L; and when 35 lights are on, it indicates group X.)

Power level

PIT	25MW	1W	2W	3W@12V/980mA
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VTX table

FR CH	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5865	5845	5825	5805	5785	5765	5745	5725
B	5733	5752	5771	5790	5809	5828	5847	5866
E	5705	5685	5665	5645	5885	5905	5925	5945
F	5740	5760	5780	5800	5820	5840	5860	5880
R	5658	5695	5732	5769	5806	5843	5880	5917
L	5362	5399	5436	5473	5510	5547	5584	5621
X	4990	5020	5050	5080	5110	5140	5170	5200

Wiring Definition



Documents / Resources

References

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