



LX-5800/5S

HIGH POWER FLYING SYSTEM

5800 MHz



This is the long range microwave system 5.8 GHz 5 W RF power, tested for long distances over 40 miles from the air with special high gain antennas. The new system includes transmitter, receiver, antennas are sold separately.

Technical Specifications, Transmitter	
Operating Frequencies:	5775-5895 MHz
Number of channels:	8 selectable channels
DC Voltage:	10 V – 16 V
RF Power output:	5W
Minimum required voltage:	10 V
Battery power:	12 V
Video distortion:	2%
Maximum range:	N/A
Video Format:	PAL, NTSC
Current Consumption:	1,860 mA / 12.6 V
Antenna:	N/A
Antenna Connector:	SMA
Impedance:	50 ohms
Audio output:	300 mV
Video/Audio Connectors:	RCA
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-10 +65 °C
Dimensions:	6.8" X 2.5 " X 0.75"
Weight:	250 grams
Video preemphasis network:	No
Polarity protected:	Yes

**Technical Specifications
Receiver**

FREQUENCY RANGE:	5775-5895 MHz
POWER SUPPLY	10 V– 14.4 V
CURRENT CONSUMPTION	380 mA
DEMODULATION	WFM
SENSITIVITY	-86 dBm
ANTENNA CONNECTOR	SMA
VIDEO INVERSE FUNCTION	N/A
VIDEO OUTPUT	1V
AUDIO OUTPUT	300 mV
POLARITY PROTECTED	YES
PLL (PHASE LOCKED LOOP)	YES
TEMPERATURE RANGE:	-20+70°C
NUMBER OF CHANNELS	8 preprogrammed channels
DIMENSIONS	6.5" X 4" X 2.1"

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