



## XLS- 5800/HPR WIDEBAND MICROWAVE LINK FOR 5.8 GHz

XLS-5800/H is an excellent microwave link for 5.8 GHz. It comes with 15 W transmitter with digital display to access any frequency from 5.600 MHz - 5.900 MHz, special receiver with digital display, 2 directional antennas PT-58 ; Capacity: 1 video/2 audio channels, receiver has built-in low noise amplifier for increased sensitivity. Operating frequency: synthesized. This link is Professional and it is recommended for TV production and Film. It is made for very long distances - up to 70 km line-of-sight with special antennas (not included). Frequency setting is internal. Both receiver and transmitter are built in weatherproof NEMA enclosures.



Technical Specifications	XLS-5800/HPR Transmitter
Operating Frequency	5600 MHz-5900 MHz
Channels	All channels
Channel Selection	Internal/ depend on model
DC Voltage	12 V
RF output power	15 W
Minimum required voltage	12 V
Battery Power	12 V min
Frequency stability	0.005%
Video distortion	2%
Maximum Range	20 miles max.
Video format	NTSC, PAL
Current Consumption	2.8 A
Antenna	SMA/ N
Impedance	50 ohms
Video connector	BNC
Video level	1 V
Video impedance	75 ohms
Audio frequency response	20 Hz – 16 kHz
Audio input	300 mV 10K K
Audio carrier frequency	6 MHz
Temperature Range	-40 + 75 °C
Dimensions	7.5" x 11" x 3.5"
Weight	8 lb
Modulation	WFM

<b>Technical Specifications</b>	<b>XLS-5800/HPR Receiver</b>
Operating Frequency	5600 MHz-5900 MHz
Channels	All channels
Channel Selection	Display
DC Voltage	12 V
Sensitivity	- 92 dBm
Minimum required voltage	12 V
Battery Power	12 V
IF frequency	47 MHz
Video distortion	1%
IF bandwidth	20 MHz
Gain flatness	0.03%
Noise	< 2 %
Antenna	Directional
Impedance	50 ohms
Video connector	BNC
Video level	1 V
Video impedance	75 ohms
Image rejection	N/A
Audio input	300 mV
Audio output	300 mV
Temperature Range	-40 + 75 °C
Dimensions	7.5" x 11" x 3.5"
Weight	5 lb
Modulation	WFM
Antenna connector	SMA/N

### **Warning**

**Our microwave links are built in weatherproof boxes, but they are not waterproof. Please make sure to protect transmitter/receiver boxes from the rain and moisture.**