

XL-1800/H

1.7 GHz

## 8 CHANNELS MICROWAVE LINK FOR 1.7 GHz

This system includes 5 W transmitter with 8 channels, 8 channels receiver, 2 directional panel antennas LOG3/GR, Capacity: 1 video/2 audio channels, receiver has built-in low noise amplifier for excellent 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 15 km line-of-sight. Frequency setting is internal. Both receiver and transmitter are built in weatherproof NEMA enclosures.



### **FEATURES:**

- 8 Selectable channels
- 1.7 GHz Band
- Long range
- Portable 12 V battery operated
- Weatherproof
- Broadcast picture quality
- Range 15 km

Technical Specifications	XL-1800/H Transmitter
Operating Frequency:	1750 MHz- 1820 MHz
Channels:	8
Channel selection:	Internal
DC Voltage:	12 V- 18 V
RF output power:	5 W / 50 ohms
Minimum required voltage:	12 V
Battery power:	12 V - 14.4 V
Frequency stability:	20 ppm
Video distortion:	2%
Maximum range:	15 km
Video Format:	PAL, NTSC
Current Consumption:	1280 mA / 12 V
Antenna:	Directional 9 dB included
Antenna Connector:	SMA
Impedance:	50 ohms
Video Connector:	RCA Female
Video level:	1 V
Video Impedance:	75 ohms
Audio frequency response:	30 Hz- 15 kHz
Audio inputs:	300 mV each channel
Audio carrier frequencies:	6 MHz and 6.5 MHz
Temperature Range:	-40 +75* C
Dimensions:	8" X 6" X 5"
Weight:	6 lb
Modulation:	WFM

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Technical Specifications	XL-1800/H Receiver
Operating Frequency:	1750 MHz- 1820 MHz
Channels:	8
Channel selection:	Internal
Current Consumption:	350 mA / 12 V
DC Voltage:	12 V
Sensitivity:	-92 dBm
Minimum required voltage:	12 V
Battery power:	12 V -18 V
Video distortion:	2%
IF frequency:	479.5 MHz
IF bandwidth:	18 MHz
Gain flatness:	2.9 dB
Noise :	2.5 dB
Image rejection:	38 dB
Antenna:	Directional 9 dB included
Antenna Connector:	SMA
Impedance:	50 ohms
Video Connector:	RCA Female
Video Impedance:	75 ohms
Audio output:	300 mV
Video level:	1 V
Temperature Range:	-40 +75* C
Dimensions:	8" X 6" X 5"
Weight:	4 lb
Demodulation:	WFM

### 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.**



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