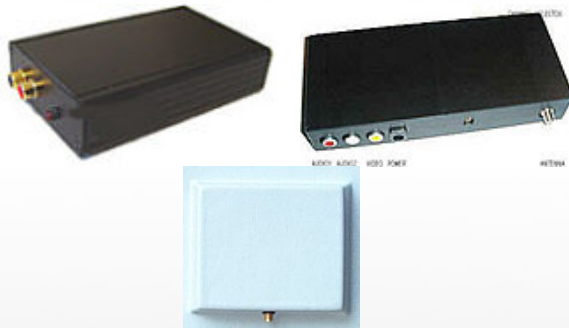


# XL-1800

# 1.7 GHz

## 8 CHANNELS MICROWAVE LINK FOR 1.7 GHz

This system includes 1.5 W transmitter with 8 channels, 8 channels receiver, 2 directional panel antennas PN-17, 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 5 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 3 miles

Technical Specifications	XL-1800 Transmitter
Operating Frequency:	1750 MHz- 1820 MHz
Channels:	8
Channel selection:	External / depends on model
DC Voltage:	12 V
RF output power:	1.5 W / 50 ohms
Minimum required voltage:	12 V
Battery power:	12 V - 14.4 V
Frequency stability:	20 ppm
Video distortion:	2%
Maximum range:	5 km
Video Format:	PAL, NTSC
Current Consumption:	880 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:	6" X 3" X 1"
Weight:	1 lb
Modulation:	WFM

# 1.7 GHz

## XL-1800

### 8 CHANNELS MICROWAVE LINK FOR 1.7 GHz

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Technical Specifications	XL-1800 Receiver
Operating Frequency:	1750 MHz- 1820 MHz
Channels:	8
Channel selection:	External / internal, depends on model
Current Consumption:	350 mA / 12 V
DC Voltage:	12 V
Sensitivity:	-94 dBm
Minimum required voltage:	12 V
Battery power:	12 V -14.4 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:	6" X 3" X 1"
Weight:	1 lb
Demodulation:	WFM



[www.rf-video.com](http://www.rf-video.com)  
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