

XL-5400/H

5.4 GHz

8 CHANNELS MICROWAVE LINK FOR 5.4 GHz

This system includes **5 W** transmitter with 8 channels, 8 channel receiver, 2 directional antennas PT-54), Capacity: 1 video/2 audio channels, receiver has built-in low noise amplifier for excellent sensitivity. Operating frequency: synthesized. This is a Professional Microwave link and it is recommended for **TV production and Film**. It is made for very long distances - up to 20 km line-of-sight. Frequency setting is external. Both receiver and transmitter are built in weatherproof NEMA enclosures.



FEATURES:

- 8 Selectable channels
- 5.4 GHz Band
- Long range
- Portable 12 V battery operated
- Weatherproof
- Broadcast picture quality

Technical Specifications	XL-5400/H Transmitter
Operating Frequency:	5400 MHz - 5480 MHz
Channels:	8
Channel selection:	Internal
DC Voltage:	12 V
RF output power:	5 W / 50 ohms
Minimum required voltage:	12 V
Battery power:	12 V - 14.4 V
Frequency stability:	+200 kHz/ h
Video distortion:	3%
Maximum range:	20 km+
Video Format:	PAL, NTSC
Current Consumption:	1600 mA / 12 V
Antenna:	Directional 15 dB included
Antenna Connector:	SMA/N
Impedance:	50 ohms
Video Connector:	RCA Female
Video level:	1 V
Video Impedance:	75 ohms
Audio frequency response:	30 Hz- 14 kHz
Audio input:	300 mV
Audio carrier frequencies:	6 MHz and 6.5 MHz
Temperature Range:	-40 +75* C
Dimensions:	8" X 6" X 3.5"
Weight:	5 lb
Modulation:	WFM

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Technical Specifications	XL-5400/H Receiver
Operating Frequency:	5400 MHz - 5480 MHz
Channels:	8
Channel selection:	External
Current Consumption:	350 mA / 12 V
DC Voltage:	12 V
Sensitivity:	-90 dBm
Minimum required voltage:	12 V
Battery power:	12 V -14.4 V
Video distortion:	3%
IF frequency:	479.5 MHz
IF bandwidth:	18 MHz
Gain flatness:	2.5 dB
Noise :	2 dB
Image rejection:	40 dB
Antenna:	Directional 15 dB included
Antenna Connector:	SMA/N
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 3.5"
Weight:	8 lb
Modulation:	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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