

XLD- 4961, XLD-4961/H WIDEBAND MICROWAVE LINK FOR 4.9 - 6.1 GHz WITH DISPLAY



XLD-4961 is an excellent, unique and easy to use microwave link for 4.9-6.1 GHz. It comes with 1.5 W transmitter (XLD-4961) or 5 W Transmitter (XLD-4961/H) with **digital display** to access any frequency from 4.900 MHz – 6.100 MHz, special receiver with digital display, 2 directional antennas PK-4960 ; 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 30 km + line-of-sight with higher gain antennas. Frequency setting is external and simple by push-buttons.

Both receiver and transmitter are built in special weatherproof NEMA enclosures. The transmitter is self-adjustable in case that antenna is not properly matched.

Technical Specifications	XLD-4961/H Transmitter
Operating Frequency	4900 MHz-6100 MHz
Channels	All channels
Channel Selection	Internal/ depend on model
DC Voltage	12 V
RF output power	1.5 W (5 W)
Minimum required voltage	12 V
Battery Power	12 V min
Frequency stability	0.005%
Video distortion	2%
Maximum Range	Up to 30 miles +.
Video format	NTSC, PAL
Current Consumption	1.8 A (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	5 lb
Modulation	WFM

Technical Specifications	XLD-4961/H Receiver
Operating Frequency	4900 MHz-6100 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	479.5 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.