



XLD-1015/HP MICROWAVE LINK 1.0-1.5 GHz WITH DIGITAL DISPLAY



Recommended for Government agencies. This microwave link is a wideband link for operations from 1000-1500 MHz with no gaps or limits. The frequency is adjustable in 125 kHz step all the way from 1000 MHz -1500 MHz. The transmitter has 5W power. Two special antennas 9.0 dB gain LOG1216 are included. Capacity: 1 video/2 audio channels. Operating frequency: synthesized. This link is Professional and it is recommended for special applications or video surveillance. It is made for long distances - up to 20 miles line-of-sight. Frequency setting is external and easy to tune by two push buttons.

Technical Specifications	XLD-1015/HP Transmitter
Operating Frequency	1000-1500 MHz
Channels	Any channels from 1000-1500 MHz
Channel Selection	Internal
DC Voltage	12 V
RF output power	5 W
Minimum required voltage	12 V
Battery Power	12.6 V
Frequency stability	0.005%
Video distortion	1%
Maximum Range	App. 20 miles
Video format	NSCT, PAL
Current Consumption	3.5 A
Antenna	Directional
Impedance	50 ohms
Video connector	BNC
Video level	1 V
Video impedance	75 ohms
Audio frequency response	20 Hz – 20 kHz
Audio input	300 mV
Audio carrier frequency	6 MHz, 6.5 MHz, 8 MHz on request
Temperature Range	-40+75 °C
Dimensions	7.5" x 11" x 3.5"
Weight	7 lb
Modulation	WFM

Technical Specifications	XLD-1015/HP Receiver
Operating Frequency	1000-1500 MHz
Channels	Any frequency from 1000-1500 MHz
Channel Selection	Internal
DC Voltage	12 V
Sensitivity	-86 dBm
Minimum required voltage	12 V
Battery Power	12.6 V
IF frequency	480 MHz
Video distortion	2%
IF bandwidth	18 MHz
Gain flatness	0.6 dB
Noise	< 2 dB
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	6 lb
Modulation	WFM
Antenna connector	BNC

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.