

2.4 GHz

XLD-2000H/HP MICROWAVE LINK FOR 2.4 GHz

5 W and **10 W** transmitter with a receiver, 2 directional antennas LOG1/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. This system can reach any channels, and the frequency setting is internal. Both receiver and transmitter are built in weatherproof NEMA enclosures.



Technical Specifications	XLD-2000/H Transmitter
Operating Frequency	2300 MHz-2500 MHz
Channels	Any channels
Channel Selection	External/ depend on model
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	20 ppm
Video distortion	2%
Maximum Range	15 km
Video format	PAL, NTSC
Current Consumption	1600 mA/ 12V
Antenna	SMA/ N
Impedance	50 ohms
Video connector	RCA female
Video level	1 V
Video impedance	75 ohms
Audio frequency response	30 Hz – 15 kHz
Audio input	300 mV
Audio carrier frequency	6 MHz and 6.5 MHz
Temperature Range	-40 + 75 °C
Dimensions	7.5" x 11" x 3.5"
Weight	5 lb
Modulation	WFM

Technical Specifications	XLD-2000/H Receiver
Operating Frequency	2300 MHz-2500 MHz
Channels	Any channels
Channel Selection	External/ internal depend on model
DC Voltage	12 V
Sensitivity	- 92 dBm
Minimum required voltage	12 V
Battery Power	12 V- 14.4 V
IF frequency	479.5 MHz
Video distortion	2%
IF bandwidth	18 MHz
Gain flatness	2.9 dB
Noise	2.5 dB
Antenna	Directional 15 dB included
Impedance	50 ohms
Video connector	RCA female
Video level	1 V
Video impedance	75 ohms
Image rejection	38 dB
Audio input	300 mV
Audio output	300 mV
Temperature Range	-40 + 75 °C
Dimensions	7.5" x 11" x 3.5"
Weight	4 lb
Modulation	WFM
Antenna connector	SMA/N

Powerup

At powerup, the unit will retrieve the last used channel, program the PLL with this channel, and display the channel by blinking the LED the same number as the channel number.

Displaying Current Channel

Push button is located on the top of the unit. To display the current channel, press the pushbutton once and release. The current channel will blink. After approx. 5 seconds, the current channel will again blink.

Changing to a New Channel

To change to a new channel, press the pushbutton once and release. The current channel will blink. Press and release the pushbutton again **before** 5 seconds has elapsed and the channel will increment by 1 and the LED will blink the new channel. Repeat this step until the desired channel is reached, waiting for the blinking to stop each time before pressing the button again. Once your desired channel is reached, wait 5 seconds until the LED again blinks your desired channel. Your new channel is now saved in memory.

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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