

XLS-2000/H, XLS-2000/HP WIDEBAND MICROWAVE LINK FOR 2.4 GHz

2.4 GHz

5 W transmitter with digital display to access any frequency from 2300 MHz - 2500 MHz, special receiver with digital display, 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. Frequency setting is internal. Both receiver and transmitter are built in weatherproof NEMA enclosures.

FEATURES:

- All channels
- 2.4 GHz Band
- Long range
- Portable 12 V battery operated
- Weatherproof
- Broadcast picture quality
- Range 15 km



Transmitter

Receiver

Technical Specifications	XLS-2000/H Transmitter
Operating Frequency	2300 MHz-2500 MHz
Channels	All channels
Channel Selection	Internal / depend on model
DC Voltage	12 V
RF output power	5 W (10 W)
Minimum required voltage	12 V
Battery Power	12 V- 14.4 V
Video distortion	2%
Maximum Range	15 km
Video format	PAL, NTSC
Current Consumption	2 A
Antenna	SMA/ N
Impedance	50 ohms
Video connector	RCA female
Video level	1 V
Video impedance	75 ohms
Audio frequency response	20 Hz-20 kHz
Audio input	300 mV
Audio carrier frequency	6 MHz
Temperature Range	-40 + 75 °C
Dimensions	7.5" x 11" x 3.5"
Weight	10 lb
Modulation	WFM

Technical Specifications	XLS-2000/H Receiver
Operating Frequency	2300 MHz-2500 MHz
Channels	All channels
Channel Selection	Display
DC Voltage	12 V
Sensitivity	- 92 dBm
Minimum required voltage	12 V
Battery Power	12 V- 14.4 V
IF frequency	480 MHz
Video distortion	2%
IF bandwidth	18 MHz
Gain flatness	0.3 dB
Noise	<2 dB
Antenna	Directional
Impedance	50 ohms
Video connector	RCA female
Video level	1 V
Video impedance	75 ohms
Image rejection	75 ohms
Audio input	300 mV
Audio output	300 mV
Temperature Range	-40 + 75 °C
Dimensions	7.5" x 11" x 3.5"
Weight	10 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.