

XLD- 5800/H, XLD-5800/HP WIDEBAND MICROWAVE LINK FOR 5.8 GHz WITH DISPLAY



XLD-5800/H is an excellent, easy to use microwave link for 5.8 GHz. It comes with 5 W transmitter (XLD-5800/H) or 10 W Transmitter (XLD-5800/HP) with **digital display** to access any frequency from 5.690 MHz - 5.900 MHz, special receiver with digital display, 2 directional antennas PH-58 ; 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-5800/H/HP Transmitter |
|--------------------------|---------------------------|
| Operating Frequency | 5690 MHz-5900 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 min |
| Frequency stability | 0.005% |
| Video distortion | 2% |
| Maximum Range | 20 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 |

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|------------|-------------------|
| Dimensions | 7.5" x 11" x 3.5" |
| Weight | 5 lb |
| Modulation | WFM |

| Technical Specifications | XLD-5800/H/HP Receiver |
|---------------------------------|-------------------------------|
| Operating Frequency | 5690 MHz-5900 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 | 47 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.