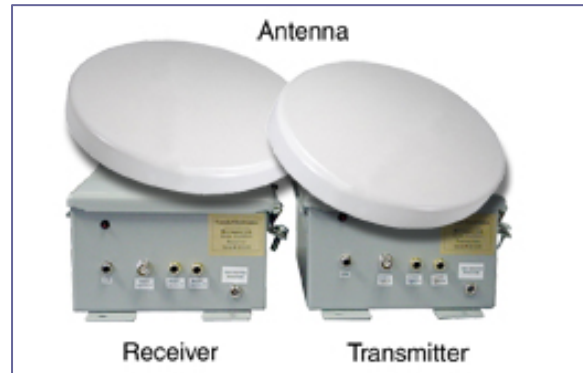


XL-5800

8 CHANNELS MICROWAVE LINK 600 mW FOR 5.8 GHz

FEATURES:

- ◆ 8 Selectable channels
- ◆ 600 mW
- ◆ 5.8 GHz Band
- ◆ Long range
- ◆ Portable 12 V battery operated
- ◆ Weatherproof
- ◆ Broadcast picture quality
- ◆ Range 7 km light-of -sight



XL-5800 is excellent low cost microwave link for 5.8 GHz. It comes with 600 mW transmitter with 8 channels, 8 channels receiver, 2 directional antennas PT-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 7 km line-of-sight. Frequency setting is internal. Both receiver and transmitter are built in weatherproof NEMA enclosures.

| Technical Specifications | XL-5800 Transmitter |
|----------------------------|----------------------------|
| Operating Frequency: | 5700 MHz- 5890 MHz |
| Channels: | 8 |
| Channel selection: | External |
| DC Voltage: | 12 V |
| RF output power: | 600 mW / 50 ohms |
| Minimum required voltage: | 12 V |
| Battery power: | 12 V - 14.4 V |
| Frequency stability: | +200 kHz/ h |
| Video distortion: | 3% |
| Maximum range: | 7 km |
| Video Format: | PAL, NTSC |
| Current Consumption: | 1600 mA / 12 V |
| Antenna: | Directional 15 dB included |
| Antenna Connector: | SMA/N |
| Impedance: | 50 ohms |
| Video Connector: | RCA Female |
| Video level: | 1 V |
| Video Impedance: | 75 ohms |
| Audio frequency response: | 30 Hz- 14 kHz |
| Audio input: | 300 mV |
| Audio carrier frequencies: | 6 MHz and 6.5 MHz |
| Temperature Range: | -40 +75* C |
| Dimensions: | 8" X 6" X 3.5" |
| Weight: | 10 lb |
| Modulation: | WFM |

| Technical Specifications | XL-5800/H Receiver |
|---------------------------|----------------------------|
| Operating Frequency: | 5700 MHz- 5890 MHz |
| Channels: | 8 |
| Channel selection: | External |
| Current Consumption: | 350 mA / 12 V |
| DC Voltage: | 12 V |
| Sensitivity: | -92 dBm |
| Minimum required voltage: | 12 V |
| Battery power: | 12 V -14.4 V |
| Video distortion: | 3% |
| IF frequency: | 479.5 MHz |
| IF bandwidth: | 18 MHz |
| Gain flatness: | 2.5 dB |
| Noise : | 2 dB |
| Image rejection: | 40 dB |
| Antenna: | Directional 15 dB included |
| Antenna Connector: | SMA/N |
| Impedance: | 50 ohms |
| Video Connector: | RCA Female |
| Video Impedance: | 75 ohms |
| Audio output: | 300 mV |
| Video level: | 1 V |
| Temperature Range: | -40 +75* C |
| Dimensions: | 8" X 6" X 3.5" |
| Weight: | 8 lb |
| Modulation: | WFM |

