



Multi-Band Aircraft Video Transmitter



- **Factory configured to operate at L, S and C bands**
- **User-selectable frequency & power level**
- **Forward and reflected power indicator**
- **Remote-control operation up to 10 feet**

Model No.

1448VTX-



L	1700 to 1850 MHz
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S	2200 to 2500 MHz
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C1	4400 to 5000 MHz
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C2	5250 to 5858 MHz
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LSC	all bands
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Specifications

RF

Frequency Ranges:	L 1700 to 1850 MHz S 2200 to 2500 MHz C1 4400 to 5000 MHz C2 5250 to 5858 MHz
Frequency Resolution:	1 MHz
Frequency Selection:	Direct User Entry Programmable Presets Auto Sweep Up, Down Automatic
Band Select:	L, S 10 W, 20 W, 30 W selectable
Power Output:	C1 10 W, 20 W selectable C2 10 W, 15 W selectable
Output Impedance:	50Ω
2nd Harmonic:	-50 dBc
Frequency Control:	Phase-locked to TCXO
Frequency Stability:	0.0001% (1 ppm)
Type of Modulation:	FM
Transmit Bandwidth:	18 MHz

VIDEO

Input Level:	1 Vp-p (NTSC)
Input Impedance:	75 Ω
Bandwidth:	4.5 MHz
Channel Capacity:	1

POWER REQUIREMENTS

Input Voltage:	+24 VDC min., +28 VDC max.
Current Draw:	6 A nominal @ +28V
Reverse Polarity:	Protected

ENVIRONMENTAL SPECIFICATIONS

Operating Temp.:	-10 to +60 degrees C minimum
Altitude:	Unlimited

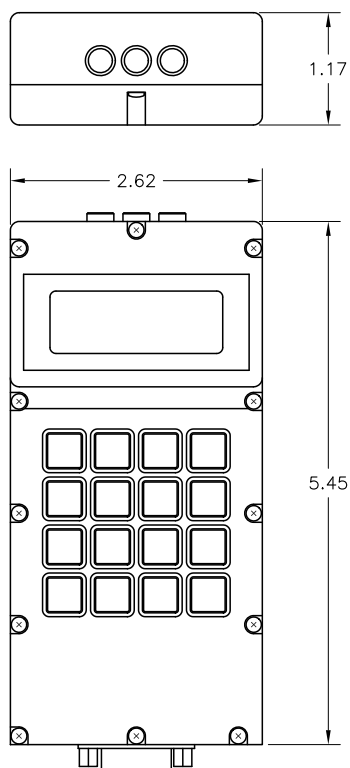
MECHANICAL SPECIFICATIONS

Transmitter Size:	12.70" x 7.60" x 7.80"
Remote Control Size:	5.50" x 1.20" x 2.60"
Transmitter Weight:	approx. 15 lb
Remote Control Weight:	approx. 0.8 lb

CONNECTORS

RF:	N-type female
Video Input:	75 Ω BNC female
Remote Control:	D-sub 9-pin

Remote Control Unit



ARINC Transmitter Unit

