



Portable High Power Transmitter

RFX-PHT

Frequency Band	1.990 - 2.500 GHz
Tuning Range / Frequency Selection	To accommodate FCC channel plans; up to 16 pre-set channels, tuning in 0.25 MHz steps, selectable via control panel
Transmit Power	5 Watts standard (Other power levels available)
Skirts	-30 db typical at 5 Watts
Modulation	COFDM DVB-T (2k carrier)
Modulation Modes	QPSK, 16-QAM, 64-QAM FEC: 1/2 2/3 3/4 5/6 7/8 Guard interval: 1/4 1/8 1/16 1/32
Data Rate	4.98 to 31.7 Mbit/s
Bandwidth	8MHz, 7MHz, and 6MHz
Encoding Options	MPEG-2: 4:2:0/4:2:2 (DVB standard)
Latency	Available to 40 mx, 120 ms standard
Video Input	Digital: SDI 270 Mbit/s (ASI input available) Analog: NTSC/PAL composite or component
Audio Input	2 x analog inputs, mic/line selectable
Power Requirements	12VDC (12 Amps) 110VAC Power Supply available
Size	14 x 10.5 x 6.5 inches
Weight	15.5 lbs
Environment	Temperature: -20 to +50 degrees C Altitude: 14,500 ft Humidity: 95% long term



Designed for electronic news gathering (ENG), and other live broadcast applications, the RFX-PHT is a very versatile unit. The unit can be vehicle mounted (with optional vehicle mounting kit), transforming a normal vehicle into a live ENG vehicle. It can also be used as a portable fixed link, or simply remove the transmitter (RFX-CMT) and clip to a standard news gathering camcorder to transform into a digital wireless camera.



Need Help? Contact
866.732.0113



Technical Support
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