

# Premier Acoustic Product Datasheet



## Model: Twin Turbo



### Description

Two superior quality 16 channel systems in one 1U 19" rack mount unit

16 switchable UHF frequencies (841-865Mhz)

True diversity operation with detachable aerials on BNC connectors ensuring a drop-out free audio signal

PLL Technology for multi-channel set-ups

Transmitter operation using 2 x AA batteries for low running costs

Available as a tie-clip, dynamic hand-held or headset type systems

### Twin Receiver Specification

Frequency Range	UHF Band, 841-865MHz
Case	19" 1U rack mount
Receiving System	PLL Synthesized
Receiving mode	Diversity
Freq Stability	+/- 0.005%
RX Sensitivity	At 8dbu over 105dB S/N ratio
Display	LCD with Menu
Power supply	DC 12-18Volt, 500mA
Audio output	2 x XLR balanced, 1 x 1/4" jack unbalanced
Dimensions (mm) W x H x D	480mm x 44mm x 232mm

### TT-MTX Hand-Held Transmitter Specification

Mic Type	16 UHF frequency dynamic handheld transmitter
Frequency range	UHF 841-865Mhz
RF Power output	10mW
Oscillation mode	PLL Synthesized
Freq Stability	+/- 0.005%
RX Sensitivity	At 8dbu over 80dB S/N ratio
Maximum deviation	+/- 15Khz with limiting compressor
Spurious emission	Less than 60dB below carrier frequency
THD	Less than 1% (At 1KHz)
Battery	DC 1.5V x 2 AA size batteries
LED Indicator	Power on/off & low battery
Current consumption	65mA +/- 5mA