The TX2500 V2 is incredibly light and compact. Our ‘award winning’ V2 transmitters have become well known for their reliability. Built-in audio processing, maintenance friendly features, such as; quick change parts, and a ‘user friendly’ remote control app - this transmitter offers ‘hassle-free’ broadcasting. A purchasing decision you won’t regret!

- 200 - 2500 watts RF output power
- 60+ miles Transmission range
- XLR analogue/digital inputs
- Composite input
- Stereo encoder
- Pre-emphasis audio limiter
- DSPX multi-band processor inside
- Antenna fault protection
- VSWR and temp monitoring
- Slide-in power supply
- Gold-clamp transistors
- RS232 remote control
- 2 year international warranty

### RF
- Harmonics: better than -75 dBc
- Spurious: < -90 dBc
- Frequency range: 87.5 - 108 MHz
- Frequency steps: 50 kHz
- Frequency selection: User interface with display or web remote control
- Frequency control type: Dual speed phase locked loop
- Frequency stability: +/- 500 Hz (fine adjustment available)
- Modulation: Direct frequency modulation
- Synchronous AM Noise: 0.31% (at normal deviation)
- Asynchronous AM Noise: 0.18% (at centre frequency of 97.7 MHz)

### AUDIO & MPX I/O
- MPX input / output connector: BNC / BNC
- MPX input / output impedance: 1.8kOhm (in) / > 600 Ohm (out)
- MPX input level: -10dB to +10dB (adjustable)
- MPX input / output response: +/- 0.02 dB, 5 Hz to 100 kHz
- Audio input connectors: XLR balanced
- Analog input impedance: 10 kOhm
- AES/EBU sampling rates: 32kHz, 44.1kHz, 48kHz, 88.2kHz and 96kHz

### STEREO
- Subcarrier generation: Microprocessor generated 8x over-sampled
- Pilot: 19 kHz +/- 1 Hz (adjustable)
- Pilot generation: Microprocessor generated 16x over-sampled
- Output level: +4dBu (BNC)
- 15 kHz filtering: 80dB at 19kHz (DSP based)
- Spurious: >80 kHz / >160kHz
- Stereo separation: >50dB (20Hz - 15kHz)

### LIMITER
- Audio input levels: -10dB to +24dB for level control, DSP auto levelling
- Audio input connectors: XLR balanced (shielded)
- Input CMRR: > 60dB
- Audio distortion: 0.05% at limiting 1 kHz (bypass preset)
- Frequency response: 20 Hz to 20 kHz +/- 0.2dB (pre-emphasis off)
- Processing range: Processing control range 40dB (pre-emphasis off)
- Input Impedance: 10 kOhm
- Pre-emphasis: 50 µs, 75 µs and 9 µs (off)
- Process modes: Multiple presets

### OTHER
- User Interface: 3 buttons, rotary encoder & 256x64 graphics display
- External control: I/O Alarms D9-type Male; RS232 D9-Type Female
- Telnet and Web remote RJ45 Ethernet