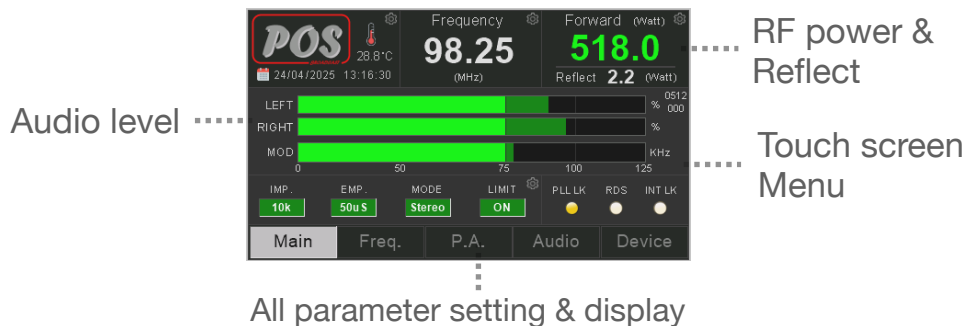


POS-500D : FM Transmitters



TFT color graphic touch screen



Feature

- New Generation FM Transmitter
- TFT color graphic and touch screen
- Standard FM Frequency 87.50 - 108.00 MHz
- Output Power adjustable from 1 - 500 watts
- Automatic output power soft start
- New generation of LD-MOSFET
- High efficiency cooling system
- High VSWR and Temperature protection
- Easy Setting directly from Menu
- Build-in high performance stereo encoder
- Support to auxiliary input from External RDS/SCA
- Alarm Logs record
- Build-in RDS (Optional)
- Safety standard IEC 60950-1
- NBTC (Thailand) standard type approved



Technical specifications

Frequency	
- Frequency range	▪ 87.50 – 108.00 MHz
- Frequency step	▪ 10 KHz
- Frequency control	▪ PLL Synthesizer & Microprocessor
- Frequency error	▪ < +- 500 Hz
- Frequency deviation	▪ < +- 75 KHz
RF Output	
- RF output power	▪ 1 - 500 watts (adjustable)
- RF output power accuracy	▪ < +- 0.5 dB@500 watts
- RF output connector	▪ 7/16 Type, Female
- RF output impedance	▪ 50 Ohm
- Harmonics	▪ < -70 dBc
- Out of band emissions (spurious)	▪ < -85 dBc
Audio	
- Pre-emphasis	▪ 50us or 75uS (selectable)
- Audio input connector	▪ XLR female
- Audio input impedance	▪ 600 Ohm or 10Kohms (selectable)
- Audio source	▪ Stereo, MPX, SCA
General	
- Type	▪ Solid state, Direct FM
- Display & setting	▪ TFT color & Touch screen panel
- Protection	▪ VSWR mismatch, High temp., Short circuit
-Temperature operating range	▪ 0 – 50 °C
- AC power requirement	▪ 200 – 260 Vac
- Power consumption (typical)	▪ 1000 VA (typ. 4.5A@230 Vac)
- Dimension	▪ 3U, 485x132x565 mm (WxHxD)
- Weight	▪ 14 kg.