TELEVISION

Analog TV High Power Complete Systems

MAIN CHARACTERISTICS:

- Forced-air Cooling System
- LDMOS Technology for UHF Versions
- High Efficiency
- Single Remote Control access point using Elettronika RCU
- All voltages and currents available on display

The systems in 'TV High Power Complete Systems' series are equipment designed to simplify transport and installation and to ensure high working reliability for directly powering antenna systems.
The amplifier design redundancy (a power supply for every MOS device), the oversized unbalanced power dummy loads, the wide input range of the switching-mode power supplies, allow a NO STOP transmission 24h per day.
The temperature of the amplifiers is guaranteed by a forced air cooling system extremely noiseless.
The good distortion values and the excellent noise figure of the exciter together with the great amplifier linearity, achieved with the use of the state-of-the-art LDMOS (UHF) and MOSFET (VHF) technology, ensure a great overall performance.
A microprocessor for each equipment monitors and controls the currents of the transistors and voltages of the power supply together with the measure of RF output power and the temperature of the heat-sinks.
The presence of a Control Unit that collects all measures from amplifiers and from antenna system ensure a single control point to access to all transistor currents, power supplies voltages, temperatures of the heat-sinks, amplifiers output powers together with the RF power reading of the output antenna system. A multifunction display on the Control Unit makes it possible to verify all the operating parameters of the unit.
The systems in the series are completely (exciter + amplifier) remotable by a single access point using the Elettronika RCU equipment.

Models

TXUP2500LD	2500W - UHF	Composed by:	VEGA + AUTV/2500LD
TXUP3500LD	3500W - UHF	Composed by:	VEGA + AUTV/3500LD
TXUP5000LD	5000W - UHF	Composed by:	VEGA + AUTV/5000LD
TXUP10000LD	10000W - UHF	Composed by:	VEGA + AUTV/1000LD
TXVP2000	2000W - VHF	Composed by:	VEGA + AVTV/2000ST
TXVP2500	2500W - VHF	Composed by:	VEGA + AVTV/2500ST
TXVP5000	5000W - VHF	Composed by:	VEGA + AVTV/5000ST
TXVP10000	10000W - VHF	Composed by:	VEGA + AVTV/10000ST

P.O Box 207 Geebung
Brisbane Australia 4034
Ph: +61 7 3504530 Fax: +61 7 3315 4683
info@n-com.com.au www.n-com.com.au