



ELTRONIKA
SRL



The *TXUP3500LD* is composed by:

- 1 Power Control
- 2 Amplifier Control
- 3 *AUTV/1500LD* LDMOS TV Amplifier

**3500W
OUTPUT POWER**

**LDMOS Technology TV UHF Amplifier
AUTV/3500LD**

The **AUTV/3500ST** is a broadband TV Amplifier with 3.5kW rated output power, designed to amplify the Amplitude Modulation signal, in the UHF bands. It is completely manufactured with solid state technology.

Its basic characteristics are:

- broadband amplifier;
- totally modular amplifier;
- forced air cooling system;
- advanced protection system controlled by microprocessor;
- alphanumeric display to check all parameters;
- terminal strip for telemetry and remote control.

TECHNICAL SPECIFICATIONS

RF SECTION

Frequency range	UHF
Output power	3.5kW
In/Out Impedance	50
Input Connector	N Female
Output Connector	EIA 7/8"
Gain	27dB
Spurious Level	In compliance with FCC and CCIR req.
I.M.D. (3 tones: -8, -10, -16 dB)	< -52dB

GENERAL

Power supply voltage	3Ph+N (depending on the local standard)
Temperature operating range	-5 to 45°C
Power consumption (cooling system included)	10kVA
Cooling	Forced air
Relative Humidity	90% Max.

