



## 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

## Digital TV Low Power Complete Systems

The systems in 'TV Low Power Complete Systems' series are equipment designed to simplify transport and installation and to ensure high working reliability for directly powering antenna systems. The temperature of the amplifiers is guaranteed by a forced air cooling system extremely noiseless. The good MER value, LO phase noise and high performance digital processing 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. A multifunction display makes it possible to verify all the operating parameters of each unit. The systems in the series are completely (exciter + amplifier) remotable by a single access point using the Elettronika RCU equipment.

### DVB-T/H Models

TXUD15	15W <sub>rms</sub> - UHF	Composed by:	DVB-T/H Transm. + AUTV/50LD
TXUD40	40W <sub>rms</sub> - UHF	Composed by:	DVB-T/H Transm. + AUTV/150LD
TXUD50	60W <sub>rms</sub> - UHF	Composed by:	DVB-T/H Transm. + AUTV/250LD
TXVD50	50W <sub>rms</sub> - VHF III	Composed by:	DVB-T/H Transm. + AVTV/250A

### ATSC Models

TXUD15	20W <sub>rms</sub> - UHF	Composed by:	ATSC Mod. + Driver + AUTV/50LD
TXUD40	50W <sub>rms</sub> - UHF	Composed by:	ATSC Mod. + Driver + AUTV/150LD
TXUD50	80W <sub>rms</sub> - UHF	Composed by:	ATSC Mod. + Driver + AUTV/250LD
TXVD50	90W <sub>rms</sub> - VHF III	Composed by:	ATSC Mod. + Driver + AVTV/250A

