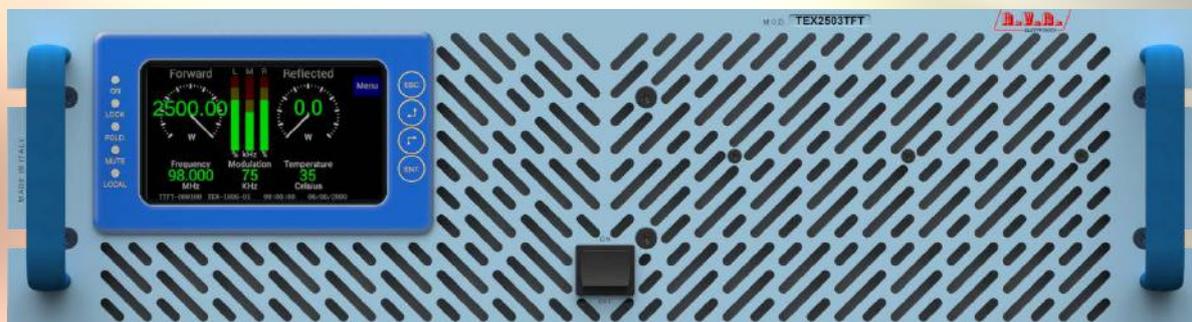


TEX-TFT SERIES

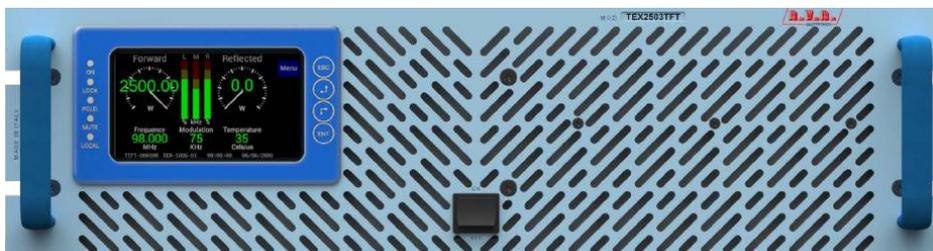
NEXT GENERATION TRANSMITTERS

COMPACT STEREO TRANSMITTERS TFT EDITION

MODEL **TEX2503TFT**



ORDERING INFORMATION	
Model	Description
TEX2503TFT	2500W Compact Stereo Transmitter TFT Edition.
OPTION	
/AUDIGIN-TFT	AES/EBU audio input.
/RDS-TFT3HE	Build-in RDS system with standard UECP 6.1 functions & DSN changeover.
/TLW-TFT-E-3HE	Basic telemetry system via the internet.
/RDS-TEX-E-3HE	Build-in RDS system with standard not UECP functions.



TEX2503TFT
 2500W Compact Stereo Transmitter TFT Edition.

FEATURES

New Generation FM Transmitters with 4.3" TFT color graphic touch screen.

Last generation planar RF Pallet with LD-MOSFET

Enhanced cooling with open-cell polymeric air filter.

Temperature controlled cooling system.

High efficiency Heatsink.

New patented power supply for better performances.

Effective RF Output Filter for maximum spectral cleanness.

Audio Setting directly from Menu.

Built-in RTC Timer for automatic change of the output power.

Re-engineered air cooling system.

Full compliance with CCIR, EN, FCC standards.

Standard FM Frequency: 87.5 - 108 MHz.

Output Power continuously adjustable from 10 to 100%

Low distortion and intermodulation values.

APC Automatic Power Control for maximum stability of the output Power.

Energy saving PFC Power Supply for maximum of efficiency.

Inputs: Analogue Stereo L&R, Mono, MPX. AES/EBU. option

Two auxiliary Inputs for external RDS/SCA.

Upgradable with integrated RDS Encoder (Basic or fully UECP 6.1). option

WEB, SNMP2, Serial remote controls. option

TEX2503TFT

Parameters	U.M.	Value	Notes
GENERALS			
Frequency range	MHz	87,5 ÷ 108	
Rated output power	W	2500	Continuously adjustable from 10 to 100%
Modulation type		F300E	
Operational mode		Mono, Stereo, MPX	
Working temperature	°C	-5 to +50	
Working humidity	%	95	Without condensing
Working altitude	mt	Up to 3000 *	* With adequate air evacuation system in site
Frequency setting	kHz	10	Step
Frequency stability	Temperature range from -5°C to 50°C	ppm	±1
Modulation capability	Referred @ 0dBu for 75kHz	kHz	150
Pre-emphasis		µS	0, 50, 75
POWER REQUIREMENTS			
AC Power input	AC Supply Voltage	VAC	230 ±15%
	AC Apparent Power Consumption	VA	3550
	Active Power Consumption	W	3543
	Power Factor		0,998
	Overall Efficiency	%	Typical 70 *
Connector			VDE 16A
MECHANICAL DIMENSIONS			
Physical dimensions	Front panel width	mm / inch	483 / 19
	Front panel height	mm / inch	132 / 5 1/4
	Overall depth	mm	564
	Chassis depth	mm	517
Weight		kg	Approx. 27.5
Cooling			Forced, with internal fan
Acoustic noise		dBA	< 75
AUDIO INPUTS			
Left / Mono	Connector		XLR F
	Type		Balanced
	Impedance	Ohm	10 k or 600
	Input Level / Adjust	dBu	-12 to +12
Right	Connector		XLR F
	Type		Balanced
	Impedance	Ohm	10 k or 600
	Input Level	dBu	-12 to +12
MPX	Connector		BNC
	Type		Unbalanced
	Impedance	Ohm	10 k
	Input Level / Adjust	dBu	-12 to +12
SCA/RDS	Connector		2 x BNC
	Type		Unbalanced
	Impedance	Ohm	10 k
	Subcarrier Level @ 0 dBu	dB	-17 to -40
AES/EBU (optional)	Connector		XLR F
	Type		Balanced
	Impedance	Ohm	110
	Input Level / Adjust	dBfs	0 to -10
TOS/Link (optional)	Connector		TOS-LINK
	Type		Optical
OUTPUTS			
RF Output	Connector		7/8"
	Impedance	Ohm	50
RF Monitor	Connector		BNC
	Impedance	Ohm	50
	Output Level	dBm	0 ± 4
Pilot output	Connector		BNC
	Load Impedance	Ohm	>5 k
	Output Level	Vpp	1
FUSES			
On mains			2 External fuse F 25 A - 6x30 mm
On services			X
On PA dupply			X
On driver dupply			X

All pictures are RVR's property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.



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