

# TEX-TFT SERIES

## NEXT GENERATION TRANSMITTERS

### COMPACT STEREO TRANSMITTERS TFT EDITION

MODEL **TEX5004TFT**



ORDERING INFORMATION	
Model	Description
<b>TEX5004TFT</b>	<b>5000W Compact Stereo Transmitter TFT Edition.</b>

  

OPTION	
<b>/AUDIGIN-TFT</b>	AES/EBU audio input.
<b>/RDS-TFT4HE</b>	Build-in RDS system with standard UECP 6.1 functions & DSN changeover.
<b>/TLW-TFT-E-4HE</b>	Basic telemetry system via the internet.
<b>/RDS-TEX-E-4HE</b>	Build-in RDS system with standard not UECP functions.



**TEX5004TFT**

5000W 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 th output Power.

Energy saving PFC Power Supply for maximum of efficiency.

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

Two auxilliary Inputs for external RDS/SCA.

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

WEB, SNMP2, Serial remote controls. option

## TEX5004TFT

Parameters	U.M.	Value	Notes
<b>GENERALS</b>			
Frequency range	MHz	87,5 ÷ 108	
Rated output power	W	5000	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
<b>POWER REQUIREMENTS</b>			
AC Power input	AC Supply Voltage	VAC	230 ±10%   400 ±10%
	AC Apparent Power Consumption	VA	7336
	Active Power Consumption	W	7352
	Power Factor		0,998
	Overall Efficiency	%	Typical 70 *
Connector			ILME CFX 4/2
<b>MECHANICAL DIMENSIONS</b>			
Physical dimensions	Front panel width	mm / inch	483 / 19
	Front panel height	mm / inch	177 / 7
	Overall depth	mm	700
	Chassis depth	mm	745
Weight		kg	Approx. 42
Cooling			Forced, with internal fan
Acoustic noise		dBA	< 75
<b>AUDIO INPUTS</b>			
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
<b>OUTPUTS</b>			
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
<b>FUSES</b>			
On mains			3 External fuse F 20T -10x38 mm
On services			X
On PA supply			X
On driver supply			1 Internal Fuse F6,3T 5x20

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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