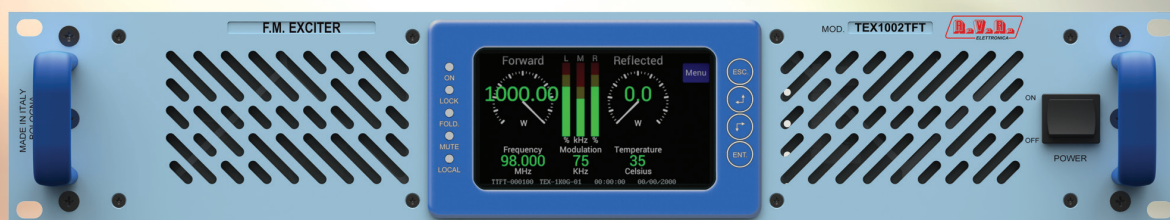


TEX NEW GEN SERIES

Compact FM Transmitters TFT Edition

MODEL **TEX1002TFT**



ORDERING INFORMATION	
Model	Description
TEX1002TFT	Compact FM Stereo Transmitter TFT Edition 1000W.
OPTION	
/AUDIGIN-TFT	AES/EBU audio input option for TEX TFT Series.
/RDS-TFT2HE	Build-in RDS system with standard UECP 6.1 functions & DSN changeover. Option for TEX TFT Series 2RU.
/RDS-TEX-E-2HE	Build-in RDS system with standard not UECP functions. Option for TEX TFT Series 2RU.
/TLW-TFT-E-2HE	Basic telemetry system via the internet. Option for TEX TFT Series 2RU.

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TEX1002TFT

Compact FM Stereo Transmitter
TFT Edition 1000W.

FEATURES

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

New Planar technology on the RF Section for extended durability.

New enhanced ventilation with patented open-cell polymeric air filter.

New control board for ventilation and temperature operations.

New heatsink and re-engineered air cooling system.

New patented power supply for better performances.

New RF Filter with isolated cells for better electro-magnetic compatibility.

New Audio management section directly from the front panel.

New embedded RTC Option for automatic power change at specific hours.

Unit noise drastically reduced.

Full compliance with EC, FCC and CCIR standards.

Standard Frequency Range: 87.5 - 108 MHz. Other bands on request.

10% - 100% Output Power continuously adjustable.

Low distortion and intermodulation values.

APC Automatic Power Control ensuring reliable operation.

PFC Power supply for enhanced energy saving?

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

Auxiliary input for SCA / RDS signals.

RDS encoder option with basic or advanced features. option

WEB, SNMP2, GSM, Serial remote controls. option

Parameters	U.M.	Value	Notes
GENERALS			
Frequency range	MHz	87,5 - 108	
Rated output power	W	1000	Continuously variable by software from 0 to maximum
Modulation type		F300E	
Operational Mode		Mono, Stereo, MPX	
Working temperature	°C	-5 to 60	
Working Humidity	%	95	Without condensing
Working Altitude	mt	3000	With adequate air evacuation system in site
Frequency programmability	kHz	10	
Frequency stability	Working Temp. from -5°C to 50°C	ppm	±1
Modulation capability	Referred @ 0dBu for 75kHz	kHz	150
Pre-emphasis mode		µS	0, 50, 75
POWER REQUIREMENTS			
AC Power Input	AC Supply Voltage	VAC	230 ±15%
	AC Apparent Power Consumption	VA	1450
	Active Power Consumption	W	1447
	Power Factor		0,998
	Overall Efficiency	%	> 70
Connector			VDE 16A
MECHANICAL			
Physical Dimensions	Front panel width	mm	483 (19")
	Front panel height	mm	88 (3 1/2") 2HE
	Overall depth	mm	561
	Chassis depth	mm	470
Weight		kg	approx. 11
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
			Selectable by rear panel dip switches
			Continuously variable
Right	Connector		XLR F
	Type		Balanced
	Impedance	Ohm	10 k or 600
	Input Level	dBu	-12 to +12
			Selectable by rear panel dip switches
			Continuously variable
MPX	Connector		BNC
	Type		unbalanced
	Impedance	Ohm	10 k
	Input Level / Adjust	dBu	-12 to +12
			Selectable by rear panel dip switches
			For 75 KHz FM, externally adjustable
SCA/RDS	Connector		2 x BNC
	Type		unbalanced
	Impedance	Ohm	10 k
	Subcarrier Level @ 0 dBu	dB	-17 to -40
			For 7,5 KHz FM, externally adjustable
AES/EBU (optional)	Connector		XLR F
	Type		Balanced
	Impedance	Ohm	110
	Input Level / Adjust	dBfs	0 to -10
			For 7,5 KHz FM, externally adjustable
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
			Referred to the RF output
Pilot output	Connector		BNC
	Load Impedance	Ohm	>5 k
	Output Level	Vpp	1
			For RDS and isofrequency synchronizing purpose
FUSES			
On Mains			2 External fuse F 16 A - 6x30 mm
On services			//
On PA Supply			//
On Driver Supply			//

Revision 05/21 CE Ⓢ

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