

TEX-TFT SERIES

NEXT GENERATION COMPACT

from 30W to 5000W

MODELS

TEX32TFT

TEX702TFT

TEX2003TFT

TEX52TFT

TEX1002TFT

TEX2503TFT

TEX302TFT

TEX1003TFT

TEX5004TFT

TEX502TFT

TEX1703TFT



Discover the brand new low and medium power transmitter Series from R.V.R. Elettronica combining the latest technologies applied to the RF field. With the aim of improving the overall performances, from the interface usability to audio management and broadcasting parameters, this series of Transmitters have been developed to deliver a new high-standard at a very appealing quality-price relation.

- **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.**
- **Enhanced energy saving power supply.**
- **Inputs: Analogue Stereo L&R, Mono, MPX. AES/EBU (option).**
- **Auxiliary input for SCA / RDS signals.**
- **RDS encoder option with basic or advanced features (option).**
- **WEB, SNMP, GSM, Serial remote controls (option).**

ORDERING INFORMATION	
Model	Description
TEX32TFT	30W Compact Stereo Transmitter TFT Edition.
TEX52TFT	50W Compact Stereo Transmitter TFT Edition.
TEX302TFT	300W Compact Stereo Transmitter TFT Edition.
TEX502TFT	500W Compact Stereo Transmitter TFT Edition.
TEX702TFT	700W Compact Stereo Transmitter TFT Edition.
TEX1002TFT	1000W Compact Stereo Transmitter TFT Edition.
TEX1003TFT	1000W High Redundancy Compact Stereo Transmitter TFT Edition.
TEX1703TFT	1700W Compact Stereo Transmitter TFT Edition.
TEX2003TFT	2000W Compact Stereo Transmitter TFT Edition.
TEX2503TFT	2500W Compact Stereo Transmitter TFT Edition.
TEX5004TFT	5000W Compact Stereo Transmitter TFT Edition.

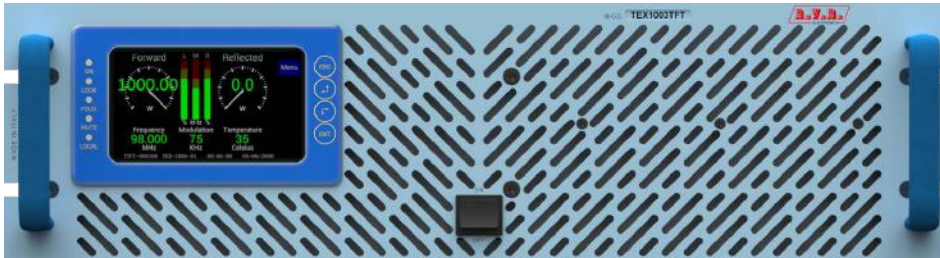
OPTION	
Option Code	Description
/AUDIGIN-TFT	AES/EBU audio input.
/RDS-TFT2HE	Build-in RDS system with standard UECP 6.1 functions & DSN changeover.
/RDS-TFT3HE	Build-in RDS system with standard UECP 6.1 functions & DSN changeover.
/RDS-TEX-E-2HE	Build-in RDS system with standard not UECP functions.
/RDS-TEX-E-3HE	Build-in RDS system with standard not UECP functions.
/RDS-TEX-E-4HE	Build-in RDS system with standard not UECP functions.
/TLW-TFT-E-2HE	Basic telemetry system via the internet.
/TLW-TFT-E-3HE	Basic telemetry system via the internet.
/TLW-TFT-E-4HE	Basic telemetry system via the internet.
/CNT7/8-150	7/8" EIA flange type output connector option.
/CNT7/16-175	7/16" output RF connector.





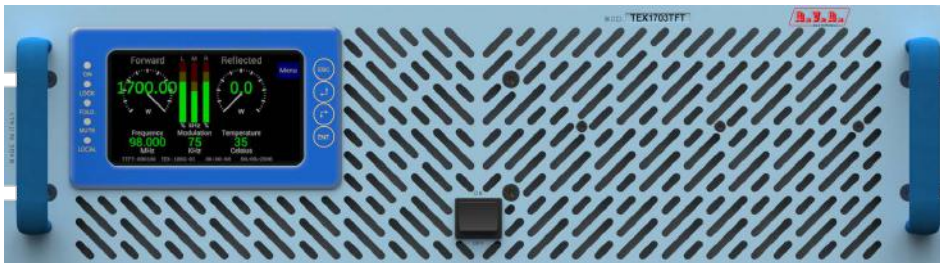
TEX1002TFT

1000W Compact Stereo Transmitter TFT Edition.



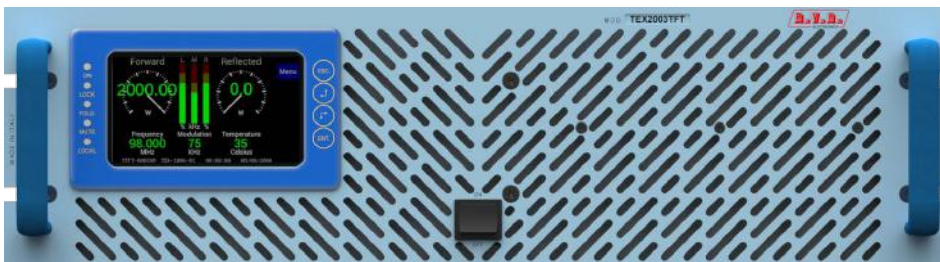
TEX1003TFT

1000W High Redundancy Compact Stereo Transmitter TFT Edition.



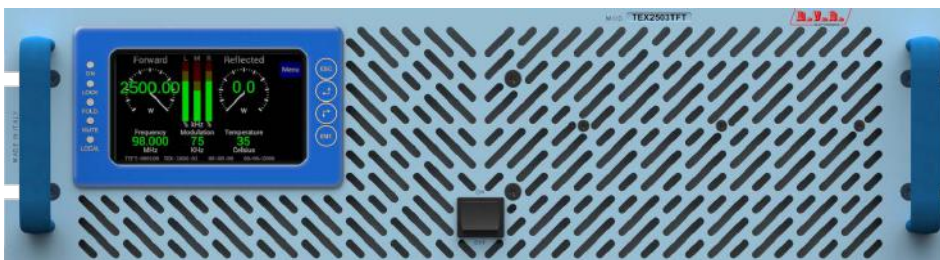
TEX1703TFT

1700W Compact Stereo Transmitter TFT Edition.



TEX2003TFT

2000W Compact Stereo Transmitter TFT Edition.



TEX2503TFT

2500W Compact Stereo Transmitter TFT Edition.



TEX5004TFT

5000W Compact Stereo Transmitter TFT Edition.



Parameters	U.M.	TEX1002TFT	TEX1003TFT	TEX1703TFT	Notes
		Value			
GENERALS					
Frequency range	MHz	87,5 - 108			
Rated output power	W	1000		1700	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	m	Up to 3000			With adequate air evacuation system in site
Frequency programmability	kHz	10			Step
Frequency stability	Working Temp. from -5°C to 50°C ppm	±1			
Modulation capability	Referred @ 0dBu for 75kHz kHz	150			Meets or exceeds all FCC and CCIR rules
Pre-emphasis mode	µS	0, 50, 75			Selectable
POWER REQUIREMENTS					
AC Power input	AC Supply Voltage	VAC	230 ±15%		
	AC Apparent Power Consumption	VA	1450	1550	2260
	Active Power Consumption	W	1447	1500	2210
	Power Factor		0,998		
	Overall Efficiency	%	Typical 70*		* Up to 72 in specific conditions.
Connector		VDE 16A			
MECHANICAL DIMENSIONS					
Physical dimensions	Front panel width	mm / inch	483 / 19		EIA rack
	Front panel height	mm / inch	88 / 3 1/2 2HE	132 / 5 1/4 3HE	
	Overall depth	mm	561	564	
	Chassis depth	mm	470	517	
Weight	kg	Approx. 12	Approx. 20,50	Approx. 26	
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		Continuously adjustable
Right	Connector		XLR F		
	Type		Balanced		
	Impedance	Ohm	10 k or 600		
	Input Level	dBu	-12 to +12		Continuously adjustable
MPX	Connector		BNC		
	Type		Unbalanced		
	Impedance	Ohm	10 k		
	Input Level / Adjust	dBu	-12 to +12		For 7.5 KHz FM, 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, adjustable
AES/EBU (optional)	Connector		XLR F		
	Type		Balanced		
	Impedance	Ohm	110		
	Input Level / Adjust	dBfs	0 to -10		For 7.5 KHz FM, adjustable
TOS/Link (optional)	Connector		TOSLINK		
	Type		Optical		
OUTPUTS					
RF Output	Connector		7/8"	7/16"	
	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		Sinusoidal	
FUSES					
On mains		2 External fuse F 16 A - 6x30 mm			
On services		X			
On PA Supply		X			
On driver supply		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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Parameters	U.M.	TEX2003TFT		TEX2503TFT		TEX5004TFT		Notes
		Value		Value		Value		
GENERALS								
Frequency range	MHz			87,5 - 108				
Rated output power	W	2000		2500		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	m			Up to 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		Meets or exceeds all FCC and CCIR rules
Pre-emphasis mode	µS			0, 50, 75				Selectable
POWER REQUIREMENTS								
AC Power input	AC Supply Voltage	VAC	230 ±15%		400 ±10%		Monophase Threephases Y	
	AC Apparent Power Consumption	VA	2860		3550		7366	
	Active Power Consumption	W	2854		3543		7352	
	Power Factor				0,998			
	Overall Efficiency	%			Typical 70*		*Up to 72 in specific conditions	
Connector		VDE 16A		ILME CFX 4/2				
MECHANICAL DIMENSIONS								
Physical dimensions	Front panel width	mm / inch	483 / 19				EIA rack	
	Front panel height	mm / inch	132 / 5 1/4 3HE		177 / 7 4HE			
	Overall depth	mm	564		745			
	Chassis depth	mm	517		700			
Weight	kg	Approx. 25		Approx. 27,5		Approx 42		
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		Continuously adjustable	
Right	Connector				XLR F			
	Type				Balanced			
	Impedance	Ohm			10 k or 600			
	Input Level	dBu			-12 to +12		Continuously adjustable	
MPX	Connector				BNC			
	Type				Unbalanced			
	Impedance	Ohm			10 k			
	Input Level / Adjust	dBu			-12 to +12		For 7,5 KHz FM, 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, adjustable	
AES/EBU (optional)	Connector				XLR F			
	Type				Balanced			
	Impedance	Ohm			110			
	Input Level / Adjust	dBfs			0 to -10		For 7,5 KHz FM, adjustable	
TOS/Link (optional)	Connector				TOS-LINK			
	Type				Optical			
OUTPUTS								
RF Output	Connector		7/16"		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		Sinusoidal	
FUSES								
On mains		2 External fuse F 25 A - 6x30 mm		3 External fuse F 20 T - 10x38 mm				
On services		X		X				
On PA Supply		X		X				
On driver supply		X		1 Internal Fuse F6,3T 5x20 mm				

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