TEX LCD SERIES

Compact FM Transmitters LCD

MODEL TEX300LCD



ORDERING INFORMATION				
Model	Description			
TEX300LCD	Compact FM Stereo Transmitter LCD Edition 300W.			
OPTION				
/AUDIGIN-TEX	AES/EBU audio input option for TEX LCD Series.			
/RDS-TEX2HE	Build-in RDS system with standard UECP 6.1 functions & DSN changeover. Option for TEX LCD Series 2RU.			
/RDS-TEX-E-2HE	Build-in RDS system with standard not UECP functions. Option for TEX LCD Series 2RU.			
/TLW-TEX-E-2HE	Basic telemetry system via the internet. Option for TEX LCD Series 2RU.			
/RTC-TEX	Weekly power events function.			

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TEX300LCD

Compact FM Stereo Transmitter LCD Edition 300W.

FEATURES

PRIMARY APPLICATION: high quality at a very attractive price.

Ideal for use as exciters in compact and modular system.

HARDWARE FEATURES: compact, non-deformable and light thanks to the

stainless steel chassis, in 2 rack units only.

USER-FRIENDLY FEATURES: universal 80-260 V multi-voltage power supply enables operation without preselect voltage. Four pushbuttons for user/device interaction and software that offers a simple, intuitive interface. RELIABILITY/CONTINUITY: APC (Automatic Power Control) and Foldback protection ensure reliable operation under any operating conditions.

AUDIO PERFORMANCE: low distortion and intermodulation values and a high noise/signal ratio.

OPERATING EFFICIENCY: incorporate a PFC (Power Factor Corrector) power supply, that provides the utmost efficiency for enhanced energy saving and environmental protection, which ensure high efficiency across the bandwidth. EASE OF MAINTENANCE: advanced module engineering ensures extreme of access and simple maintenance.

INTERFACE CONTROL: total control thanks to microprocessor easily programmed from menu with all key parameters displayed on LCD.

INPUT/OUTPUT INTERFACE: built-in high-performance stereo coder, L&R analogue audio inputs, Mono inputs, MPX composite signal and auxiliary inputs for SCA / RDS signals.

RDS APPLICATION: built-in RDS encoder with UECP standard functions (option).

REMOTE CONTROL: built-in telemetry system via GSM modem, battery and battery charger or via WEB or via SNMP (option).

REGULATORY COMPLIANCE: state-of-the-art technology in full compliance with EC, FCC and CCIR standards.







Parameters					
Frequency range			U.M.	Value	Notes
Raide of utility to power W Sill	GENERALS				
Mode					
Mone, Series, Nullpieck Mone, Series, Nullpieck Werking humidity %			W		Continuously adjustable from 10 to 100%
Workfing humidity "C 5 to 50 Monocondensing Working humidity % 75 Monocondensing Working stitutule mt Up to 3000 ** *Wind adoption are exception in other Frequency stability Frequency stability Before all Bilds or Tables* UPS Steps *Wind adoption are exception and proposed are execution system in other Frequency stability *Wind adoption are exception and proposed are execution system in other Frequency stability *Wind adoption are exception and proposed are execution system in other Frequency stability *Wind adoption and proposed are execution system in other Frequency stability *Wind adoption and proposed are execution system in other Frequency stability **Wind adoption and proposed are execution system in other Frequency stability **Wind adoption and proposed are execution system in other Proposed are execution system in other Proposed are execution and proposed are execution				F3E Direct carrier frequency	
Working altitude					
Morking altitude	Working temperature				
Frequency setting			%		
Frequency stability Referred (0 GBs for 75% to 50°C pm 1 100 Server, 188				Up to 3000 *	* With adequate air evacuation system in site
Mode of a capability Priese and pass Mode of a capability Priese and pass			kHz		Steps
Pre-emphasis Power RecollineNers Power	Frequency stability		ppm		
AC Supply Voltage	Modulation capability	Refered @ OdBu for 75kHz	kHz	150 Stereo, 180 Mono/MPX	Meets or exceeds all FCC and CCIR rules
AC Supply Village	Pre-emphasis		μS	0, 50 (CCIR), 75 (FCC)	Selectable
AC Power input AC Power input Active Power Consumption Active Power Consumption Active Power Consumption Power Latter Overall Efficiency Overall Efficiency Overall Efficiency Overall Efficiency Overall Efficiency Front panel width mm / inch B / 31/2 ZHE Prior tame height mm / inch B / 31/2 ZHE Prior tame height mm / inch B / 31/2 ZHE Overall Efficiency Overall Efficiency Front panel width mm / inch B / 31/2 ZHE Prior tame height mm / 37/2 Chassis depth mm / 37/2 Weight Very Cooling Force, with internal fan Acoustic noise B / About 9 Force, with internal fan Acoustic noise B / About 9 Force, with internal fan Acoustic noise Connector JUR F Jype B - Belanced Imput Level // Adjust d dBu - 13 to -13 Continuody adjustable Imput Level // Adjust d dBu - 13 to -13 Continuody adjustable Imput Level Mijust Level B / Jype B - Belanced Imput Level B / Jype Unbalanced Imput Level B / Jype Unbalanced Imput Level // Adjust d BBu - 13 to -13 Continuosly adjustable Connector B / Jype Unbalanced Imput Level // Adjust d BBu - 13 to -13 For 75 KHz FM, adjustable Connector D / Jype Unbalanced Impedance D / Jype Unbalanced Impedance	POWER REQUIREMENTS				
Active Power input Active Power consumption Decell Efficiency Decell Efficiency Decell Efficiency Decell Efficiency Decell Efficiency W Typical 55 Connector MECHANICAL DIMENSIONS Froot panel width Mm / inch MB / 3 17 9 Eff cack Froot panel width Mm / inch MB / 3 17 2 PHE Decell depth Mm / 394 Chassis depth Mm / 394 Chassis depth Mm / 394 Chassis depth Mm / 394 Counting Acquist cable A / 75 Control of MB / 3 17 2 PHE Decell depth Mm / 394 Annur 9 Acquist cable A / 75 Control of MB / 3 17 2 PHE Decell depth Mm / 394 Annur 9 Acquist cable A / 75 Control of MB / 3 17 2 PHE Decell depth MB / 30 Annur 9 Acquist cable A / 75 Control of MB / 4 75 C	AC Dougs input				
Power factor		AC Apparent Power Consumption	VA		
Part Connector Part Pa		Active Power Consumption	W		
Connector VDE IEC Standard VDE IEC Standard	AC FOWEI IIIPUL				
Front panel width		Overall Efficiency	%	Typical 55	
Front panel width		Connector		VDE IEC Standard	
Principal periph	MECHANICAL DIMENSIONS				
Priority and height		Front panel width	mm / inch		EIA rack
Merell depth	District of the Control of the Contr	Front panel height		88 / 31/2	2HE
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Meight			mm	372	
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ACCUSTIC FOR INTERPRETATION TOTAL PROPERTY					
Connector N. K.F Selanced Iype Selanced Impedance Ohm Till K or 600 Input Level (Adjust dBu -13 to +13 Continuosly adjustable	Acoustic noise		dBA	< 75	
Type	AUDIO INPUTS				'
Impedance		Connector		XLR F	
Impedance		Туре		Balanced	
Input Level Adjust Adjus	Left / Mono		Ohm	10 k or 600	
Connector XLR F Type				-13 to +13	Continuosly adjustable
Type	Right				
Impedance					
Input Level dBu			Ohm		
Connector BNC Unbalanced Impedance Ohm 10 k or 50 Impedance Ohm 10 k or 50 Impedance Ohm 10 k or 50 Impedance Ohm			dBu	-13 to +13	Continuosly adjustable
Type					
Impedance					
Input Level / Adjust Adjus	MPX		Ohm		
Connector 2 x BNC					For 75 KHz EM, adjustable
Type	AES/EBU		usu		To To Till Till, adjustante
Impedance					
Subcarier Level (0 0 dBu dB			Ohm		
Connector XLR F Type					For 7.5 KHz FM, adjustable
Type			35		
Impedance					
Input Level / Adjust dBfs 0 to -10 For 7,5 KHz FM, adjustable			Ohm		
TOS/Link Connector TOS-LINK Coptional					For 7.5 KHz FM, adjustable
Type	TOS/Link		4010		. o. 7,0 Mile 111, dajdotabio
Connector N type	(optional)				
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Revision 01/22	on uriver supply			Х	
					Revision 01/22

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