PTX-LCD SERIES

COMPACT STEREO TRANSMITTERS

MODEL PTX60LCD/S

ORDERING INFORMATION	
Model	Description
PTX60LCD/S	**60W** Compact Stereo Transmitter.

OPTION	
/08DIG-PTX-16	Telemetry system via parallel interface.
/10MHZ-PTX	External 10MHZ cable.

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PTX60LCD/S

60W Compact Stereo Transmitter.

FEATURES

PTXLCDis the most sold professional FM transmitter worldwide!

AUDIO PERFORMANCE:clear and transparent sound comparable to CD sound quality made possibile thanks to a noise/signal ratio as high as 90dB, low distortion and stereo separation as high as 60dB!

PRIMARY APPLICATION:optimal for use as an independent exciter. Adjustable power output from 0 to 100%.

HARDWARE FEATURES:compact and indeformable thanks to the stainless steel chassis, in 2 rack units only.

INTERFACE CONTROL:totally microprocessor-controlled, easily programmed from menu through a large LCD and useful optical ENCODER.

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. S/PDIF, TOSLINK, AES/EBU digital audio inputs now are available as standard.

RELIABILITY/CONTINUITY:business continuity is guaranteed by an incredible range and variety of controls, such as Fold-Back control for effective VSRW (Voltage Standing Wave Ratio) protection and IAMLC (Intelligent Automatic Modulation Level Control) to keep modulation level steady.

EASE OF MAINTENANCE: advanced module engineering ensures extreme of access and simple maintenance.

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

PTX60LCD/S

Parameters		U.M.	Value	Notes
GENERALS				
Frequency range		MHz	87,5 ÷ 108	
Rated output power		W	60	Continuously adjustable from 10 to 100%
Modulation type			Direct carrier frequency	
Operational mode			Mono, Stereo, Multiplex	
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			From software, with 10 kHz	Steps
Frequency stability	Temperature range from -5°C to 50°C	ppm	±1	
Modulation capability	Refered @ 0dBu for 75kHz	kHz	150 Stereo, 200 Mono/MPX	Meets or exceeds all FCC and CCIR rules
Pre-emphasis		µS	0, 25, 50, (CCIR), 75 (FCC)	Selectable
POWER REQUIREMENTS				
AC Power input	AC Supply Voltage	VAC	115 - 125 - 230 - 250	
	AC Apparent Power Consumption	VA	220	
	Active Power Consumption	W	150	
	Power Factor		0,68	
	Overall Efficiency	%	Typical 40	
	Connector		IEC Standard	
MECHANICAL DIMENSIONS				
Phisical dimensions	Front panel width	mm /inch	483 / 19	EIA rack
	Front panel height	mm /inch	88 / 3 1/2	2HE
	Overall depth	mm	400	
	Chassis depth	mm	389	
Weight		kg	About 15	
Cooling			Forced, with internal fan	
Acoustic noise		dBA	< 56	
AUDIO INPUTS				
Left / Mono	Connector		XLR F	
	Type		Balanced	
	Impedance	Ohm	10 k or 600	
	Input Level /Adjust	dBu	-13 to +14	1 dB step adjustable
Right	Connector		XLR F	
	Type		Balanced	
	Impedance	Ohm	10 k or 600	
	Input Level	dBu	-13 to +14	1 dB step adjustable
MPX	Connector		BNC	
	Type		Unbalanced	
	Impedance	Ohm	10 k or 50	
	Input Level / Adjust	dBu	-13 to +14	1 dB step adjustable
SCA/RDS	Connector		3 x BNC	
	Type		Unbalanced	
	Impedance	Ohm	10 k	
	Subcarier Level @ 0 dBu	dB	-17 to -40	Adjustable
AES/EBU (optional)	Connector		XLR F	
	Type		Balanced	
	Impedance	Ohm	110	
TOS/Link (optional)	Connector		TOS-LINk	
	Type		Optical	
OUTPUTS				
RF Output	Connector		N type	
	Impedance	Ohm	50	
RF Monitor	Connector		BNC	
	Impedance	Ohm	50	
	Output Level	dBm	Approx. -30	
Pilot output	Connector		BNC	
	Load Impedance	Ohm	>4.7 k	
	Output Level	Vpp	1	Sinusoidal
FUSES				
On mains			1 External fuse F 6,3 T - 5x20 mm	
On services			X	
On PA supply			1 External fuse F 10 A - 5x20 mm	
On Driver supply			X	

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