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.





PTX-LCD SERIES



PTX60LCD/S

60W Compact Stereo Transmitter.

FEATURES

PTXLCD is 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		
Pequency range		
Prequency range		
Modulation type		
Modulation type		
Operational mode Mono, Stereo, Multiplex Working hemperature °C -5 to +50 Working hemperature °C -5 to +50 Working building % 95 Without condensing Working attitude rmt Up to 3000 * * With adequate air evacuation system in site Frequency setting From software, with 10 kHz Steps Frequency setting From software, with 10 kHz Steps Presembasis general Go Obdo for 75 kHz kHz 150 Stereo, 200 Mono/MPX Meets or exceeds all FCC and CCIR rules Presembasis AC Supply Voltage VAC 115 - 125 - 230 - 250 Ac Supply Voltage AC Supply Voltage VAC 115 - 125 - 230 - 250 Ac Supply Voltage Active Power Consumption W 220 Active Power Consumption W 150 Active Power Consum		
Working temperature °C -5 to -50 Without condensing 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 pp ±1 Media of sexceeds all FCC and CCIR rules Pre-emphasis POWER REDUIREMENTS AC Supply Voltage VAC 115 - 125 - 230 - 250 Selectable AC Power input AC Supply Voltage VAC 115 - 125 - 230 - 250 Selectable AC Power Consumption VA 220 Selectable AC Power Input Power Eactor 0.68 Selectable Power I feliciency % Typical 40 Selectable Prometor 1EC Standard For Causaid 40 For Causaid 40 MECHANICAL DIMENSIONS Front panel width mm /inch 483 / 372 2HE Phisical dimensions Front panel height mm /inch 483 / 372 <td></td>		
Working humidity % 95 Without condensing Working altitude Image: Frequency setting From software, with 10 kHz * With adequate air evacuation system in site Frequency stability Temperature range from -5°C to 50°C ppm ±1 Steps Frequency stability Temperature range from -5°C to 50°C ppm ±1 Mets or exceeds all FCC and CCIR rules Frequency stability Refered @ 0dbu for 75kHz ppm ±1 Mets or exceeds all FCC and CCIR rules Frequency stability Refered @ 0dbu for 75kHz ppm ±1 Mets or exceeds all FCC and CCIR rules Frequency stability Refered @ 0dbu for 75kHz ppm ±1 Selectable Frequency stability Refered @ 0dbu for 75kHz ppm ±1 150 Stero, 200 Mono/MPX Meets or exceeds all FCC and CCIR rules Frequency stability AC Supply Votage VAC 115 - 125 - 230 - 250 Selectable AC Supply Votage VAC 115 - 125 - 230 - 250 AC Supply Votage VAC 150 AC Supply Votage AC Supply Votage AC Supply Votage <td></td>		
Working altitude		
Frequency setting		
Frequency stability		
Modulation capability Refered @ 0dBu for 75kHz kHz 150 Stereo, 200 Mono/MPX Meets or exceeds all FCC and CCIR rules Pre-emphasis US 0, 25, 50, [CCIR], 75 [FCC] Selectable Selectable AC Supply Voltage VAC 115 - 125 - 230 - 250 Selectable AC Power input AC Apparent Power Consumption VA 220 Selectable AC Active Power Consumption W 150 Selectable Power Factor 0,68 Selectable Overall Efficiency % Typical 40 Typical 40 Connector 16C Standard Selectable MECHANICAL DIMENSIONS Front panel width mm finch 483 / 19 EIA rack Front panel width mm finch 483 / 19 EIA rack Phisical dimensions Front panel width mm finch 483 / 31/2 2HE Phisical dimensions EIA rack Forther panel width Forther panel width Forther panel width		
Pre-emphasis		
POWER REQUIREMENTS		
AC Power input AC Supply Voltage VAC 115 - 125 - 230 - 250 AC Apparent Power Consumption VA 220 AC Apparent Power Consumption W 150 AC Active Power Consumption W 150 ACTIVE Power Active ACTIVE Power Active Power Active ACTIVE Power Active Power Active Power Active ACTIVE Power Active Pow		
AC Apparent Power Consumption VA 220		
AC Power input Active Power Consumption Power Factor W 150 Power Factor 0.68 10,68 Overall Efficiency Connector % Typical 40 MECHANICAL DIMENSIONS Front panel width mm /inch Maga / 19 ElA rack Front panel height mm /inch Doverall depth mm 400 88 / 3 1/2 2 HE Overall depth Doverall depth mm 389 Mega About 15 Cooling Color Forced, with internal fan Acoustic noise Acoustic noise ALUBIO INPUTS dBA < 56 Left / Mono Impedance Input Level / Adjust dBu dBu - 3 to +14 1 dB step adjustable Right Type Balanced Imput Level / Adjust MBA GBB - 3 to +14 1 dB step adjustable MPX Type Balanced Imput Level / Adjust MBU - 13 to +14 1 dB step adjustable MPX Type Unbalanced Ohm 10 k or 600 BNC MPX Type Unbalanced Ohm 10 k or 50 Type Unbalanced Ohm 10 k or 50 Imput Level / Adjust of Donnector All Connector All Conn		
Power Factor Quest Efficiency % Typical 40		
Overall Efficiency Connector IEC Standard		
MECHANICAL DIMENSIONS		
Front panel width		
Front panel width mm /inch 483 / 19 EIA rack Phisical dimensions Front panel height mm /inch 483 / 31/2 2HE Overall depth mm /inch 88 / 31/2 2HE Weight Mp / mm / inch 88 / 31/2 2HE Weight Mp / mm / inch 88 / 31/2 2HE Weight MB / mm / inch 400 About 15 Forced, with internal fan Acoustic noise ALE of		
Phisical dimensions Front panel height Devalt depth mm /inch 88 / 31/2 2HE Overalt depth mm 400 400 Chassis depth mm 389 Weight kg About 15 Cooling Forced, with internal fan Acoustic noise dBA < 56		
Overall depth		
Chassis depth		
Weight kg About 15 Cooling Forced, with internal fan Acoustic noise dBA < 56 AUDIO INPUTS Left / Mono Connector XLR F Salanced Impedance 0 hm 10 k or 600 10 k or 600 Input Level /Adjust dBu -13 to +14 1 dB step adjustable Connector XLR F 10 k or 600 10 k o		
Cooling Forced, with internal fan Acoustic noise dBA < 56 AUDIO INPUTS Type SConnector XLR F Impedance 0hm 10 k or 600		
Acoustic noise dBA <56 AUDIO INPUTS Left / Mono Connector XLR F Impedance Ohm 10 k or 600 Left / Might Level / Adjust dBu - 13 to +14 1 dB step adjustable Right Type Balanced Impedance Ohm 10 k or 600 BNC Impedance Ohm 10 k or 50 Impedanced Impedance Ohm 10 k or 50 Impedanced Impedance Ohm 10 k or 50 Impedance Impedance Ohm 10 k or 50 Impedance <th colspa<="" td=""><td></td></th>	<td></td>	
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Connector XLR F		
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Impedance		
Input Level /Adjust dBu		
Right Connector XLR F Connector Type Balanced Connector Impedance 0hm 10 k or 600 Input Level dBu -13 to +14 1 dB step adjustable Connector BNC Unbalanced Type Unbalanced Unbalanced Input Level / Adjust dBu -13 to +14 1 dB step adjustable Connector 3 x BNC 1 dB step adjustable SCA/PDS Type Unbalanced		
Right Type Balanced Impedance 0 hm 10 k or 600 Input Level dBu -13 to +14 1 dB step adjustable MPX Type Unbalanced Impedance 0 hm 10 k or 50 Input Level / Adjust dBu -13 to +14 1 dB step adjustable SCA/PDS Type Unbalanced		
Impedance		
Input Level dBu		
Connector BNC Type Unbalanced Impedance Ohm 10 k or 50 Input Level / Adjust dBu -13 to +14 1 dB step adjustable Connector 3 x BNC SCA/PDS Type Unbalanced		
MPX Type Unbalanced Impedance 0hm 10 k or 50 Input Level / Adjust dBu -13 to +14 1 dB step adjustable Connector 3 x BNC Type Unbalanced		
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Impedance		
Connector 3 x BNC SCA/PDS Type Unbalanced		
SCA/DDS Type Unbalanced		
Impedance Uhm 10 k		
01 1 1 100 10 10 10 10 10 10 10 10 10 10		
Subcarier Level © 0 dBu dB -17 to -40 Adjustable		
Connector XLR F		
AES/EBU Type Balanced		
(optional) Impedance Ohm 110		
TOS/Link Connector TOS-LINK		
(optional) Type Optical		
OUTPUTS		
RF Output Connector N type		
· Impedance Unm 50		
Connector BNC		
RF Monitor Impedance Ohm 50		
Output Level dBm Approx30		
Connector BNC		
Pilot output 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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