

	MusicTAXI SL-PRO [English]
Description:	Full duplex audio codec with direct ISDN access and X.21 interface. Audio bandwidth from 3.1 kHz Mono up to 2 x 20 kHz Joint Stereo. Digital and analog audio IN- and OUTPUTS. Operation and configuration of the Encoder only via PC Software or Remote Control Panel. Decoder is a slave unit and follows the parameter of the incoming call.
Dimensions:	19", 1 U, depth: 380 mm, weight: approx. 4.5 kg, no fan
Power Supply:	90 .. 240 V AC, 50 .. 60 Hz, 0,28 ...0,13 A, max. 25 VA
Algorithms:	ISO/MPEG 11172-3 Layer 2 (Musicam) ISO/MPEG 11172-3 Layer 3 G.711 and G.722 with H.221 and SRT
Transmission Rates:	<ul style="list-style-type: none"> • X.21: 8, 16, 24, 32, 40, 48, 56, 64, 80, 96, 112, 128, 144, 160, 192, 224, 256, 320, 384 kbps • ISDN: n x 64 kbps (n=1..6)
Audio Modes:	Mono, Dual Mono, Stereo, Joint Stereo
Sampling Frequencies:	16, 22.05, 24, 32, 44.1, 48 kHz
Analog Audio Interfaces:	Input: 18 Bit, adjustable level range from -4 to 21 dBu, impedance >10k ohms / 600 ohms, single-ended input attenuation >66 dB. Output: 20 bit, adjustable level range from -4 to 21 dBu, impedance <50 ohms, single-ended attenuation >40 dB according to IEC 268-2.
Digital Audio Interfaces:	AES/EBU input and output according to IEC 958 prof. format, S/PDIF input and output according IEC 958 consumer format
External Sync:	Selectable via PC-Software or Remote Control Panel: <ul style="list-style-type: none"> • DISABLED (Word clock is generated from the transmission clock) • DIGITAL IN (Word clock is generated from the AES/SPDIF-Signal) • SYNC IN (Word clock is taken over from the SYNC IN)
Sample Rate Converter:	Standard for input and output. 32, 44.1 and 48 kHz
Ancillary Data:	0, 1200, 2400, 4800, 9600 baud

Alarm/Control Interface:	8 Bit optodecoupled bidirectional alarm port
X.21 A:	Serial transmission interface (32 .. 384 kbps)
PC Remote Control:	RS232/RS422 software switchable. All functions can be operated remotely incl. ISDN telephone directory and Software download.
Headroom Adjustment:	Via PC-Software or Remote Control panel from 0...20 dB
Frequency Response:	20 Hz to 20 kHz, +0.5/-1 dB
Signal to Noise Ratio:	>80 dB
External Voltage Ratio:	>85 dB
Non-linear Distortion Factor:	(a 20 kHz Filter, to f=5 kHz) at maximum level <0.06%
Crosstalk Attenuation:	(interval) at 1 kHz >100 dB
Phase Error:	<1.5 degree
ISDN S₀-Extension:	'Plug IN' module for master board. Extendible up to 3 x S ₀ .
ISDN D-Channel Protocols:	Selectable via PC-Software or Remote Control Panel. There are 12 including: ETSI, USA AT&T, USA National ISDN1, Canada DMS 100, Japan NTT, Australia, France VN3, New Zealand, etc
ISDN Synchronization:	Only addressable via PC-Software or Remote Control Panel: <ul style="list-style-type: none"> • Bonding for MusicTAXI VP-128 • Sync for CDQPRIMA, CDQ2000 and Telos Zephyr in Stereo (Layer 2), 64 & 128 kbps • Sync for Telos Zephyr in Stereo (Layer 3), 64 & 128 kbps • No Sync / No Sync Inverse • G.722/H.221 • G.722/SRT • AUTO
ISDN Setting:	Only addressable via PC-Software or Remote Control Panel: <ul style="list-style-type: none"> • Self number for operation at private exchange (send during connection establishment) • SPID number for operation on US networks (send during establishment of a connection) • Accept incoming calls (telephone and MPEG): ALWAYS / NEVER / ASK • Accept incoming calls: self number (MSN) check yes/no

Connection Establishment:	Via PC Software or Remote Control Panel.
Connection Control:	<p>Only visible on PC or Remote Control Panel:</p> <ul style="list-style-type: none"> • Peak Level Tx (send), • Peak Level Rx (receive) • ISDN number of connection • Encoder configuration • Decoder configuration • Selected headroom setting • On-line connection time • Decoder SYNC of remote unit
Telephone Directory:	<p>The entries be configured individually via PC Software or Remote Control Panel:</p> <ul style="list-style-type: none"> • Name • ISDN number • Audio configuration • ISDN SYNC mode (name of partner codec)
Software Download:	<p>Only addressable via PC-Software:</p> <ul style="list-style-type: none"> • From Internet Server or • From the disk on your PC over the RS232/422interface
Test Possibilities:	<p>Only addressable via PC-Software or Remote Control Panel:</p> <ul style="list-style-type: none"> • AES test including check of format: Validity, parity, code, lock, confidential, measured sampling frequency, exactness of measured sampling frequency, format and format specific information • Display of Software version and serial number • Analog Audio Loop (over Remote Control Panel)
Approvals:	<p>The SL-PRO is designed according to protection class 1 (EN 60950/VDE 0805/IEC 950). The Declaration of Conformity constitutes the conformity with the EG Regulations: EMC 89/336/EWG and 72/23/EWG. The MusicTAXI SL-PRO corresponds to the EMC harmonised standards DIN EN 55103-1 (June 97) - interference radiation, ambience E1 and DIN EN 55103-2 (June 97) - resistance to jamming, ambience E5. The MusicTAXI SL-PRO is a telecommunication unit and has the following national approval for EURO-ISDN: A 120371F</p>

Production:	<p>The SL-PRO is manufactured by a subcontracted company certified according to ISO 9000 ff.</p> <p>DIALOG4 is certified according to ISO 9001</p>																
Delivery:	<table border="1"> <thead> <tr> <th data-bbox="711 362 1024 394">Order No Model</th> <th data-bbox="1062 362 1212 394">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="711 398 1024 430">9 200 000 SL-PRO X.21</td> <td data-bbox="1062 398 1388 461">Full duplex audio codec with X.21</td> </tr> <tr> <td data-bbox="711 465 1024 497">9 200 001 SL-PRO 128</td> <td data-bbox="1062 465 1388 528">Full duplex audio codec with 1xS₀</td> </tr> <tr> <td data-bbox="711 533 1024 564">9 200 002 SL-PRO 256</td> <td data-bbox="1062 533 1388 595">Full duplex audio codec with 2xS₀</td> </tr> <tr> <td data-bbox="711 600 1024 631">9 200 003 SL-PRO 384</td> <td data-bbox="1062 600 1388 663">Full duplex audio codec with 3xS₀</td> </tr> <tr> <td data-bbox="711 667 1024 698">7 000 131 MIDAS 1</td> <td data-bbox="1062 667 1388 730">ISDN extension for 1st S₀connection</td> </tr> <tr> <td data-bbox="711 734 1024 766">7 000 132 MIDAS 2</td> <td data-bbox="1062 734 1388 797">ISDN extension for 2nd S₀ connection</td> </tr> <tr> <td data-bbox="711 801 1024 833">7 000 133 MIDAS 3</td> <td data-bbox="1062 801 1388 864">ISDN extension for 3rd S₀connection</td> </tr> </tbody> </table>	Order No Model	Description	9 200 000 SL-PRO X.21	Full duplex audio codec with X.21	9 200 001 SL-PRO 128	Full duplex audio codec with 1xS ₀	9 200 002 SL-PRO 256	Full duplex audio codec with 2xS ₀	9 200 003 SL-PRO 384	Full duplex audio codec with 3xS ₀	7 000 131 MIDAS 1	ISDN extension for 1st S ₀ connection	7 000 132 MIDAS 2	ISDN extension for 2nd S ₀ connection	7 000 133 MIDAS 3	ISDN extension for 3rd S ₀ connection
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This document is subject to changes without further notice.	<p style="text-align: right;">Last updated: Oktober 2000</p>																