

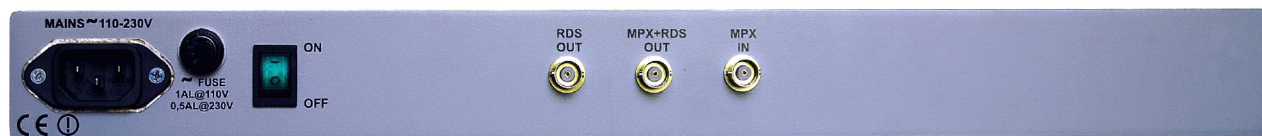


RDS CODER mod. RDST300



Technical specifications

RDS Signal	Conform to the EBU document tech 3244 (3/1984) and supp. n. 1 (3/1987), and CENELEC EN 50067
RDS Services directly supported	PI, PS, PTY, TP, AF, TA, DI, M/S, PIN, RT, RT+ TMC, EON, PTYN, ECC, LIC, TDC, IH, CT, ODA
RDS signal subcarrier frequency	57 kHz
Sampling rate	361 kHz
Bandwidth	± 2.4 kHz (50 dBc)
Recommended FM deviation	6.8 kHz
Pilot PLL 57 to 19KHz capture range	8 Hz
Stereo pilot frequency required	19000 Hz ± 2 Hz
Pilot tone level	min. 120 mV p-p (-26 dBu)
Phase shift adjust MPX transmission	Full range, in 9.5 deg. steps
Output level adjust default	0 - 1.4 V p-p
Output impedance	<30 Ohm
Audio/MPX/Pilot input	< 10 KOhm
Passthrough voltage gain	2 Hz - 100 kHz (0,01 dB)
Signal connectors	unbalanced BNC-F
Data connector	RS-232 (DTE, 9 pins), bi-directional
Communication speed	software switchable 1200, 2400, 4800, 9600, 19200 bps
Communication mode	1 stop bit, 8 data bits, no parity, ASCII or UECF
TA switching	software or external switch
Program switching	software or external switch
Expansion bus type	IIC, 400 kHz
Powering	110-220VAC ±15% 50~60Hz
Power consumption	20 VA
Temp. operation	0° C to +40 °C
Relative air humidity	90% non condensing
Dimensions	19" 1HE unit 320mm deep



SUONO TELECOM Srl

via Mazzini, 19 25020 Flero (BS) ITALY

Tel: +39 030 2761599 Fax +39 030 2762099 www.suono.com info@suono.com