

CR 102 RDS CODER



THE CR 102 IS A FRIENDLY USE DYNAMIC RDS ENCODER WHICH SUPPORTS ALL THE MOST POPULAR SERVICES AND FEATURES USED BY BROADCASTERS. THE EQUIPMENT PROVIDES:

- ✚ FULL-DIGITAL RDS CODER TOTAL SOFTWARE REMOTE CONTROL
- ✚ ADVANCED DYNAMIC PS MANAGEMENT (I-PS TECHNOLOGY)
- ✚ EASY INTERFACE TO HARD DISK AUTOMATION SYSTEMS

RDS CHARACTERS CUSTOMIZABLE FOR DIFFERENT COUNTRIES - DEDICATED SW INTERFACE FOR DJ AND ANNOUNCERS.

THE CR 102 SPECIFICATIONS AND BENEFITS HAVE BEEN ACCURATELY DESIGNED TO SATISFY THE MOST DEMANDING REQUIREMENTS CONCERNING THE RDS GENERATION IN THE BROADCASTING FIELD. USING STATE-OF-ART, HIGH-SPEED DSP TECHNOLOGY, CR 102 ENSURES THE PUREST MODULATION QUALITY (THE WHOLE PROCESSING IS PERFORMED BY PHASE LINEAR FILTERS). ITS DIGITAL ARCHITECTURE ALSO GUARANTEES LONG TERM RELIABILITY AND EASY FIRMWARE UPDATES. A POWERFUL PC CONTROL SOFTWARE IS INTEGRATED IN THE EQUIPMENT. THE CR 102 ALLOWS THE CONTROL AND SETTING IN AN EASY AND

INTUITIVE WAY OF ALL RDS DATA AND OF SIGNAL GENERATION PARAMETERS (LEVEL AND PHASE, SYNCHRONISM SOURCE, ETC). THE BASIC SOFTWARE SCREEN, ALWAYS DISPLAYS IN REAL TIME PS AND RT CONTENT CURRENTLY ON AIR, ALLOWING A FULL AND IMMEDIATE MONITORING OF RDS BROADCASTING, EVEN WHEN AN FM TUNER IS NOT AVAILABLE.

A SOFTWARE MODULE AVAILABLE AS AN OPTION (I-PS TECHNOLOGY), FURTHER BOOSTS THE NEW PS MANAGEMENT FEATURES: IT ELIMINATES EVERY PS PROGRAMMING CONSTRAINT LEAVING MAXIMUM FREEDOM IN TERMS OF MESSAGE LENGTH, SAVE / RECALLING FACILITIES AND MESSAGE EDITING MASKS. ANY TEXT CAN BE ENTERED AND BROADCASTED 'ON-THE-FLY', BOTH AS A FULL PS SEQUENCE OR IN A SCROLLING MODE.

FURTHERMORE, FEATURING A TRUE ASCII COMMUNICATION PROTOCOL, I-PS SOFTWARE MODULE ENABLES THE CR 102 CODER TO BE EASILY AND QUICKLY INTERFACED TO ANY HARD DISK AUTOMATION SYSTEM, FOR SONG AND ARTIST IDENTIFICATION ON PS FIELDS AND MUCH MORE...



✚ SPECIFICATIONS	CR 102	✚ RDS PROGRAMMING
RF output power	type floating BNC, EMI suppr. (50 Ohm)	Command formats
Nr. of Transistors	482 x 44 x 352 (570 x 130 x 420 Package)	compliant to UECF Forum document SPB 490 (Version 5.1 - 22.08.97) + extended manufacturer's commands list ASCII interface for dynamic mode only
RF Input (Nominal Level)	10 Kg (12.6Kg. Package)	Static services
Output Connector	Approx. < 10 VA	DI, PI, TP, TA, M/S, RT ,AF, PS, PTY
Dimensions (WxHxD) mm	From 220/230 V (110/115 V internal setting); 50-60Hz, single phase.	Dynamic services
Weight	24 V	PS SEQUENCE, PS SCROLLING
Power consumption	1 blower 220 V ac	RDS groups
		0A (75%), 2A (25%) – FIXED SEQUENCE (0A, 0A, 0A, 2A)
		Character tables
		ISO 8859-1 (Latin 1), 8859-2 (Latin 2), 8859-5 (Cyrillic), 8859-7 (Greek), 8859-9 (Turkish), 8859-10 (Nordic)
		AF lists
		24, containing up to 25 freq each one
		PS (basic version)
		8 pages containing 20 PS each one + 1 Scrolling message - 24 hours / day scheduling capabilities
		RT
		8, with 24 Hours Day scheduling capabilities
		INSTANT PS
		8 pages containing 48 PS each one + 32 scrolling messages – instant broadcasting capabilities (up to 384 dynamic PS includes software dedicated interface for DJ and ASCII programming support)

✚ CODE	MODEL	DESCRIPTION
0000170508	CR 102-IPS	Digital Radio Data System (RDS) Coder with Instant PS