

BW Broadcast RDS3

RDS Encoder



OVERVIEW

The BW Broadcast RDS3 is a UECP compliant, fully dynamic RDS encoder with full TCP/IP networking connectivity and powerful interfacing features. The RDS3 supports all RDS protocols and includes the ability to easily connect to your radio automation software for automatically displaying track information such as titles and artist through RT or PSN protocols.

It can be controlled through its 10BaseT Ethernet port and has an embedded web server allowing you to remotely configure the unit using a standard web browser. The following network protocols are also supported: Telnet, TCP/IP, FTP, HTTP, SNMP, SMTP, MIB integration.

The RDS3 allows you to broadcast scrolling text - check this is legal in your country. This allows long strings of text information to be scrolled on the receiver main display rather than using RadioText (RT). The format of the text can be customized and configured through a HTML web page.

The embedded scheduler allows messages to be displayed based on time and date. It can be accessed via a web browser. The scheduler can be used in programming the PSN or RadioText information.

RT+ allows the RDS feature RadioText (RT) to be understood by FM RDS receiving terminal and recognize designated objects such as the Title, the Artist of the current playing song. The element can also carry additional service messages or information about the radio station such as the telephone number or the web address of the Station hotline.

The RDS3 can either be used in loop-through mode in your broadcast chain or can operate as a stand-alone unit.

SPECIFICATION

RDS Services	PS,AF,TA,PTY,RT,CT,IH,TDC,PI,TP,DI,PIN,M/S,EON, ODA,TDC,EWS,CT
Inputs	TCP/IP,1 x RS485,3 x RS232,GPIO,MPX in/sync,RDS in
Outputs	MPX/RDS out,4 x relay outputs
Synchronisation	Auto pilot tone sync
Power	115/230V AC 50-60Hz
Size	483mm x 44.5mm x 220mm
Weight	5 Kg

FEATURES

- Supports RT+
- Configuration via ASCII,UECP & network protocols
- 3 RS232 ports , 8 Digital inputs , 4 Relay outputs
- Internal and external synchronisation
- Integrated RDS decoder
- 10BaseT Ethernet with TCP/IP,RJ45 connector
- SNMP management,traps,set and get commands
- FTP for down/up/loading history, configuration, data, html files and internal firmware
- Embedded WEB server for interactive supervision
- SMTP for automatic email alerts

The RDS3 now supports RT+ for interactive radio applications and content tagging.



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www.bwbroadcast.com