

RDS Encoder Silver



The RDS Encoder Silver offers the most popular RDS functions at an exceptional Price/Quality ratio.

RDS Encoder Silver can be connected to automation software in order to display information such as artist name and song title on FM/RDS receivers. Delivered with a quick-start and a connection diagram, the unit is easy to install and has a user-friendly interface (useable by non technical staff).



FEATURES

- Dynamic RDS/RBDS encoder designed for small and medium size radio stations.
- Cost effective solution
- Supports the following parameters: PI, PS, TP, TA, MS, PTY, PTYN, DI, AF, RT
- Integrates latest Audemat developments such as Scrolling PS by word and by character
- Delivered with amazing PC software to configure the equipment
- Includes all accessories required (even a USB-RS232 serial cable to connect the encoder to the PC)
- User-friendly GUI for non technical people with configuration wizard
- Plug and play with easy set-up

Technical Specification

RDS Features	Group supported	0A, 2A and FFG
	Group sequence	Fixed
	PS	Yes (PS1/PS2)
	PI	Yes (PI1/PI2)
	PTY	Yes RDS/RBDS
	AF	Yes:25 AF No method B
	TP / TA	Yes with software
	PTYN	Yes with software

Scrolling PS	Dynamic PS	Yes
	Sequencing speed	Adjustable in sec
	Scrolling by character	Yes from 1 up to 8
	Scrolling by word, 8 character block, Automatic centering, Truncate long words	Yes

Radiotext	Radiotext	1 message
	RT Rate Adjustment	Yes

Communication	Configuration Software	Yes
	Password protection	Yes
	Connection with automation software	Yes with RS232
	Remote Display	Simulation
	ASCII protocol	Yes for messages
	UECP standard	Partially compliant

Hardware	Communication port	1 RS232 (RS232-USB cable) - 1200 to 9600 baud
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AUDEMAT – WORLD LEADER IN RDS ENCODING

• Reliable

Audemat products are designed for continuous on air operation and are known for their reliability. All of our RDS encoders feature solid state memory and have no moving parts. Configuration is retained through power outages. Every setting is controlled through software: there are no potentiometers or trimmer capacitors to age or need realignment.

• High quality and spectral purity

All of our RDS encoders use surface-mount components and multi-layer circuit boards with a large ground plane. This enables us to keep high frequency signal paths very short, and provides inherent shielding. The result is measurably better performance than other types of construction. All our encoders construct their data digitally, using Wavelet technology at a sample rate of 912 kHz.

This prevents any possibility of spurious signals affecting audio quality. Unlike some competing units, modulation of the data onto your composite signal is also in the digital domain for purity and freedom from interference. There are no analog pass band filters, so there's no possibility of drifting or degradation of the audio signal.

ALSO AVAILABLE



- Audemat FMB50 RDS Encoder
- Audemat FMB50 RDS Encoder

See Deliver catalog for more details