



Broadcast Electronics

Tomorrow's Radio Today



Looking to upgrade your RDS encoder? The Broadcast Electronics RD-E-1 is a fully digital RDS encoder which allows dynamic Radiotext and Radiotext+.

Key Features & Benefits

- RD-E-1 is an RDS generator able to handle dynamic content as Radiotext and Radiotext+.
- DSP-based digital architecture ensures excellent audio signal processing and a high signal to noise ratio.
- Easy integration into your radio automation systems allows implementation of dynamic Radiotext and Radiotext+ features.
- With the supplied configuration software, it is possible to quickly setup all RDS main parameters or recalling and saving to disk different configuration presets.
- Designed for super-easy intuitive use at radio transmitter sites, all parameters can be viewed and edited from the front panel, allowing technical personnel to be able to operate quickly even without a PC.
- New features can be easily implemented by upgrading the operating firmware, locally or remotely.

BE RD-E-1

Dynamic RDS Encoder

Specifications

Transmitted blocks: PI, TP, TA, DI, PS, RT, RT+, CT, AF-A/B, PTY

RDS output level: 0-1Vpp

Composite output MPX:

RDS injection level on internal mixer 3.6 - 16 referred to 0dBu.

Pilot Synchronization

External, with separated BNC input, or internal with pilot extraction from incoming MPX signal.

PC Interface

RS-232 9600 8N1

Ethernet TCP-IP (optional)

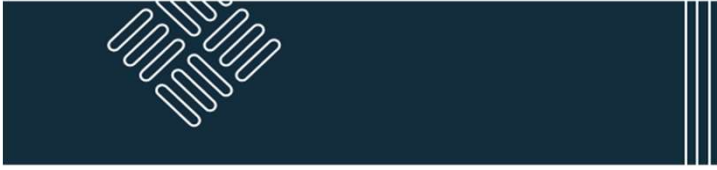
Software and remote control: Software included for Windows XP, 7, 8.x , 10

Power supply: 100-240VAC 50/60Hz. 5W.

Size and weight: 1RU x 19" 1.73H x 19W x 6.15D in 4.4lb unpacked, 7.2lb packed.

BE RD-E-1

Digital Stereo Coder with Dynamic RDS



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Taking the next step is easy with Broadcast Electronics. Contact your sales representative today to discuss solutions that will work for you and your station(s).

To contact your BE sales representative, simply visit our website at www.bdcast.com or call (217) 224-9600 and learn more about what BE has to offer.

BE manufactures complete RF systems for radio and TV. Our products encompass program generation, audio and data management, interfacility transport and analog and digital (HD Radio and DRM transmission).

They are used daily in more than 40,000 installations in nearly 100 countries. For over sixty years, BE pioneering developments have set industry standards for innovation and reliability, while providing broadcasters with new options for operational productivity and income generation. BE is headquartered in Quincy, Illinois, USA, and is represented worldwide by a network of local representatives.

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