



Broadcast Electronics

Tomorrow's Radio Today



The Broadcast Electronics DMPX is a Swiss Army Knife for your FM airchain that allows a wide variety of inputs, and switches automatically between them in case of an STL failure. It encodes in Stereo, and adds Dynamic RDS to the signal.

Key Features & Benefits

- DMPX is a stereo coder with 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.
- The automatic back-up system switches between the various input sources making it possible to easily achieve redundancy of all signals.
- The included software allows quick local or remote management of all the operational parameters, and backup and restoring to disk.
- Designed for 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.

BE DMPX

Digital Stereo Coder with Dynamic RDS

Specifications

Analog audio inputs: Sample rate 48KHz/24bits Level +12/-12dBu. Connectors XLR, electronically balanced

Digital audio input: AES/EBU or SPDIF sample rate frequency from 32 to 96KHz. Connector XLR, balanced with transformer

Audio input on streaming IP: Format: AAC plus, MP3, Ogg Vorbis, G.711, PCM Decoding
IP Streaming from TCP, UDP, RTP, Multicast
USB Flash Memory Interface Level +12/-12dBu

MPX input: Connector BNC. Input pass-thru 0 dBu

Composite output MPX: BNC Level +6/-6dBu (in 0.1dB steps)
Pre-emphasis Off, 50µS, 75µS
Stereo separation >66dB
Reference output 19KHz, 1Vpp

RDS Encoder: Block PI, TP, TA, DI, PS, RT, RT+, CT, AF-A, AF-B, PTY. Injection adjustable level from 0 to 6KHz, with step of 100Hz. Radiotext+ and dynamic PS controlled by software (MS Windows) included

RDS output level: 0-1 Vpp

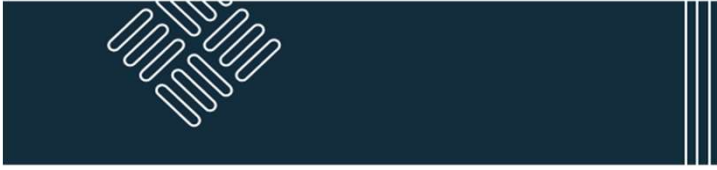
Software and remote control: Software included for Windows XP, 7,8.x,10

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

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

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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 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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