



Broadcast Electronics

Tomorrow's Radio Today



BE D-PRO-6FM

6 Band Digital FM Audio Processor

Specifications

Analog audio input: Sampling 48KHz/24bits
Input level +12/-12dBu XLR connectors, balanced

Digital audio input: AES/EBU / SPDIF sample rate
32 to 96KHz, XLR connector with balanced transformer

SCA input: BNC connector

Analog audio output: Output level +12/-12dBu
Deemphasis Off, 50uS, 75uS
XLR connectors, electronically balanced

MPX output: Output level +6/-6dBu
Stereo crosstalk > 66dB
BNC connector
Pilot reference output 19KHz, 1Vpp

Latency: Audio processor: 8mS, Stereo coder: 4mS

RDS Encoder: PI, TP, TA, DI, PS, RT, RT+, CT, AFA, AF-B, PTY.
Carrier lever electronically adjustable from 0 to 6KHz, in
100Hz steps. Radiotext+, CT and dynamic PS are managed
by included software (MS Windows XP, W7)

Remote control: All functions can be managed remotely
with included software.

Interfaces: RS-232 (standard on all models)
Ethernet streaming card (optional)
Ethernet standard card (optional)

Power supply: 100-240VAC 50/60Hz. 12VDC on request

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

Product options:
Streaming input module
Black front panel
Gray front panel

Great programming deserves great audio processing that makes your station stand out from the dial, with clean, consistent, and commanding audio. The D-Pro-6FM is the new flagship audio processor from BE, with a fully digital 6 band signal path and built-in dynamic RDS encoding. It will accept L&R balanced analog, AES/EBU, and even optionally MP3 / AAC+ streams and automatically switches in case of STL failure to keep you on the air. The D-Pro-6FM outputs both MPX and balanced L&R, and includes software for configuring Radiotext+, CT and dynamic PS.

Best of all, the BE D-Pro-6FM is surprisingly affordable, so you can upgrade your sound and competitiveness, without breaking the bank.

Key Features & Benefits

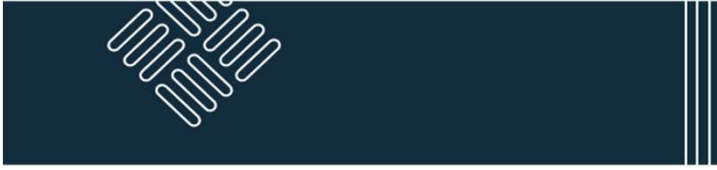
- The fully digital processing chain includes a two band AGC circuit which feeds the 6-band audio processor.
- Inputs include L&R analog, AES/EBU and optional MP3 / AAC+ streams over IP.
- Outputs include analog MPX and balanced L&R.
- The fully digital audio processing and RDS/MPX encoding with advanced DSP, ensuring long term stability allowing easy remote software updates to implement new functions.
- The included software allows quick local or remote management of all the operational parameters, and backup and restoring to disk.

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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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