



Broadcast Electronics

Tomorrow's Radio Today



BE D-PRO-6HD

Digital Audio Processor for streaming or HDRadio®

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

Analog audio output: Output level +12/-12dBu
XLR connectors, electronically balanced

Digital audio output: AES/EBU 48KHz, with balanced
transformer

Latency: Audio processor: 8mS

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

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

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.

Often neglected, successful streaming and HD digital channels represent unique challenges in audio processing. Make your station stand out from the crowd, with clean, consistent, and commanding audio. The D-Pro-6HD is the perfect solution, with all the tools necessary to give you the best results. It accepts L&R balanced analog, AES/EBU, and even optionally Shoutcast / Icecast streams. The D-Pro-6HD outputs AES/EBU, analog L&R, or optional Shoutcast / Icecast over IP.

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

Key Features & Benefits

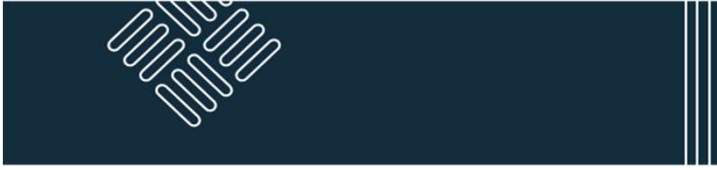
- The audio processing chain includes a two band AGC circuit which feeds the six-band limiter / compressor, followed by a final clipper / limiter operating at 96kHz, providing clean audio free of distortion and artifacts.
- A loudness limiter equalizes the perceived loudness among different audio program sources such as live shows, commercials, films, music videos, complying with the ITU-R BS.1770 standard.
- Inputs include L&R analog, AES/EBU and optional Shoutcast / Icecast streams over IP.
- Outputs include L&R analog, AES/EBU and optional Shoutcast / Icecast streams over IP.
- The included software allows quick local or remote management of all the operational parameters, and backup and restoring to disk
- The fully digital audio processing and streaming encoding with advanced DSP, ensures long term stability allowing easy remote software updates to implement new functions.

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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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