



Broadcast Electronics

Tomorrow's TV Today



Often neglected, audio processing for today's analog and digital television represents unique challenges. Make your station stand out from the crowd, with clean, consistent, and commanding audio. The Broadcast Electronics D-Pro-6TV is the perfect solution, offering all the tools necessary to give you the best results. It accepts L&R balanced analog, AES/EBU, and SDI. The D-Pro-6TV outputs AES/EBU, analog L&R, and SDI.

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

Key Features & Benefits

- The D-PRO-6TV version is equipped with SDI audio embedder-de-embedder with automatic bypass in case of failure.
- 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.
- The processor can work with the audio stream embedded into the SDI (SD - HD) signal or can be used as an audio embedder to insert the audio coming from an external source into the SDI signal.
- An adjustable delay line helps with lip-syncing the embedded audio to the incoming video.
- All outputs are bypassed to their respective inputs in case of malfunction.

BE D-PRO-6TV

6 Band Digital Television 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

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

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

Headphone output: 1/4" front panel jack
Output: 100mW RMS over 50 ohm

Latency: Audio processor 8mS

SDI Interface (DTV version): compatible with SD / HD /
3G formats
1 SDI BNC 75-ohm input
3 SDI BNC outputs, one with auto bypass in case of
equipment failure
Loudness control ITU-R BS.1770 standard

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

Interfaces: RS-232 (standard on all models)

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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Telephone +1 (217) 224-9600

www.bdcast.com

bdcast@bdcast.com

4100 North 24th Street Quincy, Illinois
62305-3606 U.S.A.

BE - Broadcast Electronics is part of Elenos Group. For more information www.elenosgroup.com
Headquarters in Italy



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