

Broadcast Electronics

Tomorrow's Radio Today



The Broadcast Electronics MPX-S multimode network splitter is a device used to differentiate advertisement airing among different areas of the same FM Radio network.

Key Features & Benefits

- It can handle up to 16 different areas in a single rack unit device and can accept splitting commands from many of the major commercial radio automation systems including Broadcast Electronics AudioVault.
- Maximum reliability is obtained by using high-quality solid-state audio switches, allowing for a redundant power supply and having a passive safety switch which will connect all outputs to the network input in case of internal failure.
- The MPX-S has an integrated MPX monitor, that can be selected among any output, including a DSP based stereo decoder, an RDS decoder and a subcarrier meter.
- The front panel LCD allows the monitoring of the audio level of all inputs and their network/split status, and also shows and records any anomaly occurring during advertisement airing.
- Optional integration is available from BE to make MPX-S compatible with your existing radio automation software.

BE MPX-S

Multimode network splitter

Specifications

Audio inputs

MPX Module: 2 MPX network inputs, 8 MPX inputs
Input impedance 10Kohm

MPX Output: impedance 50 ohm

Solid state switching
Emergency Bypass on input 1

Remote control: Opto-isolated inputs on D-Sub 25 pin connector

RS-232
RJ45 Ethernet

Alarms Log: Reporting and storage of airing anomalies

MPX Monitor: DSP stereo decoder, visualization of L/R level, headphone output
RDS decoder (PI, PS, RT, DI, MS, TP, TA, AF lists visualization and filtering of raw RDS data blocks)
Pilot carrier metering
RDS carrier metering

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

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

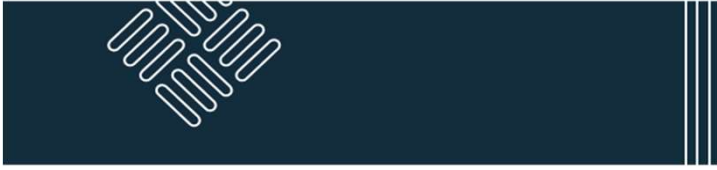
Size and weight: 1RU x 19" 1.73H x 19W x 6.15D in
4.4lb unpacked, 7.2lb packed.

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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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