

# MPX-S

## Multimode network splitter



**M** PX-S Multimode network splitter is a device used to differentiate advertisement airing among different areas of the same network.

It can handle up to 16 different areas in a single rack unit device and can accept splitting commands from some of the major commercial radio automation systems.

Using high quality solid state audio switches, allowing for a second redundant power supply to be installed internally and having a passive safety switch which will connect all outputs to the network input in case of internal failure, it is designed for maximum reliability over time.

The front panel LCD allows to monitor the audio level of all inputs and their network/split status, and also shows and records any anomaly occurred during advertisement airing.

An integrated MPX monitor, that can be switched on any output, include a DSP based stereo decoder, an RDS blocks decoder and a subcarrier meter.

### Technical features:

#### Audio inputs

MPX Module:

- 2 Mpx network inputs
- 8 Mpx inputs
- Input impedance 10Kohm
- Output impedance 50 ohm
- Solid state switching
- Emergency Bypass on input 1

#### Remote control

- Optoisolated 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

#### Headphones output

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

#### Power supply

- 100-240VAC 50/60Hz
- Optional redundant power supply

#### Dimensions

- 1 rack unit 19"
- 44mm x 483mm x 156mm

#### Weight

- 2,5Kg