

Audio Processor Silver 4B-mini FM

The most cost effective audio processor

The Audio Processor Silver 4B-mini FM is a powerful 4 band digital audio processor that can be used to process audio for FM. Using the latest multi-band DSP technology, the Audio Processor Silver offers cost-effective, versatile and powerful tools that enable broadcasters to create their sonic signature and to attract and keep a loyal audience.

- **Input selection and conditioning:** The Audio Processor Silver 4B-mini FM offers the user input selection between analog and digital. The audio is then routed through optional pre-emphasis filters.
- **Bass Enhancement:** The Audio Processor Silver 4B-mini FM offers bass enhancement via a peaking filter that can be set to provide up to 6 dB of gain on one of four frequencies with a choice of 4 Q's.
- **Multi-band AGC:** The Audio Processor Silver 4B-mini FM processes each band with RMS based levelers. Each band, gain control, and processing function can be configured in different manners to provide different effects. Adjustable timing constants, drive and silence gating afford the user full control of this important stage of the processor.
- **Multi-Band Limiters:** Each band has its own dynamic peak limiter. Multiple time constant based detectors are adjustable as well as input drive levels.
- **Mixer:** The Audio Processor Silver 4B-mini FM includes a 4 band equalizer. It allows you to subtly color your sound after the Multi Band Limiter stage, and before the audio goes into the peak processing path.
- **Bass Clipper:** The Audio Processor Silver 4B-mini FM peak limits (clips) and linear phase filters the low frequencies before these are fed to the final clipper stages.
- **Distortion Controlled Clipper:** The Audio Processor Silver 4B-mini FM's main clipper uses sophisticated algorithms to produce tightly peak controlled output and maximum distortion control

Stereo Encoder: The stereo encoder is highly over-sampled and offers superb stereo performance. A composite clipping function is provided for those who wish to use it.

Software Interface

PC software enables easy local or remote configuration of the Audio Processor Silver. Connection is made through RS232 (serial or USB port) or via TCP/IP. All parameters can be configured with the user friendly interface and the results are displayed on the LED meters, on the front panel and on the configuration screen of the software.



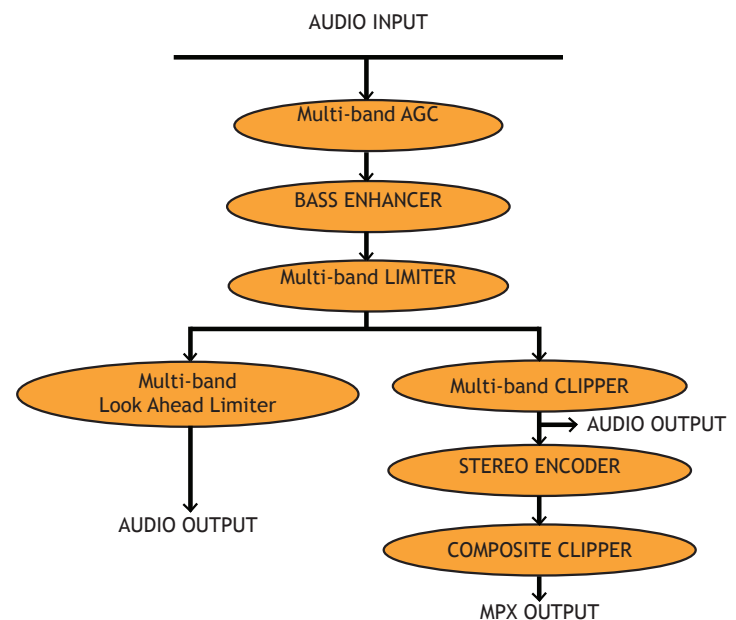
FEATURES

- Multi-band audio processing
- Analog and AES/EBU audio Inputs
- Ethernet and RS232 ports
- Preset trigger port and scheduler
- Security access codes

BENEFITS

- Compact 1U rack Audio Processor & Stereo Encoder
- Complete multiband processing architecture
- Secured unit with 3 s reboot after power fail
- Easy to install and configure using PC software or front panel display
- Remote TCP/IP access
- Many User and Factory Presets

PROCESSING STRUCTURE



ALSO AVAILABLE

- Audemat Digiplier 2/4
- Audemat Digiplier 246



See Deliver catalog for more details