

SILVER AUDIO PROCESSORS

SILVER AUDIO PROCESSOR 4Bmini-FM

The most cost effective low-cost audio processor



The Silver Audio Processor 4Bmini-FM is a cut-down version of the Silver Audio Processor 4B-FM version.

Input selection and conditioning

The Silver Audio Processor 4Bmini-FM offers the user input selection between analog and digital. The audio is then routed through defeatable pre-emphasis filters.

Bass Enhancement*

The Silver Audio Processor 4Bmini-FM offers a bass enhancement via peaking filter that can be set to provide up to 6dB of gain on one of four frequencies with a choice of 4 Q's.

Multi-band AGC*

The Silver Audio Processor 4Bmini-FM processes each band with RMS based levelers. Each band gain control processing function can be configured in different manners to provide different effects. Adjustable timing constants, drive and silence gating afford the user with full control of this important re-equalization stage of the processor.

Multi-Band Limiters*

Each band has its own dynamic peak limiter. Multiple times constant based detectors are adjustable as well as input drives.

Mixer*

The Silver Audio Processor 4Bmini-FM includes a 4 bands equalizer. It enables to slightly color your sound after the Multi Band Limiter stage, and before the bands to fed off into the peak processing path.

Bass Clipper*

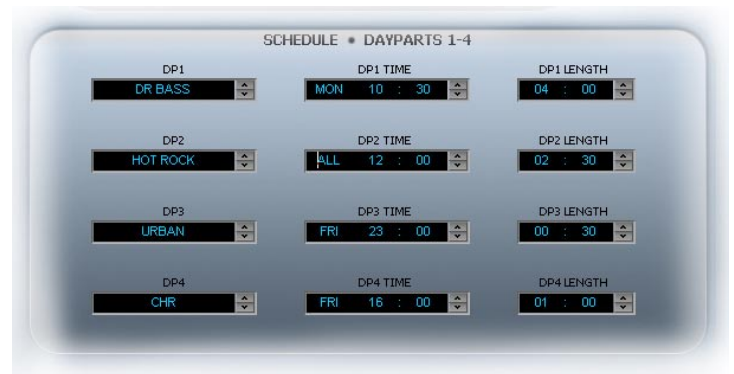
The Silver Audio Processor 4Bmini-FM peak limits (clips) and linear phase filters the low frequencies before being fed to the final clipper stages.

Distortion Controlled Clipper

The Silver Audio Processor 4Bmini-FM 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.



SILVER STEREO ENCODER version

* not available

This is ideal for radio stations who either just need a stereo generator or who host their processing at the studio but need safety limiting /peak control and stereo generation at the transmitter site.

SILVER AUDIO PROCESSOR 4Bmini-FM and SILVER STEREO ENCODER rear panel

