NG-440



- Four Noise Gate sections for operation as Quad/Dual-Stereo or mixed modes.
- Large gate activity LEDs and Gain Reduction Bargraphs.
- State of the art VCA´s for superb, no compromise sound transparency.
- HPF & LPF side chain filters/Monitor switches for precise gating.
- Fast and Automatic Attack times selection.
- All four sections incorporate By-Pass switches for easy Operation.
- Balanced Inputs/Outputs by XLR and 1/4" JACKS.
- Universal Power Supply Voltage selection.

The Altair NG-440 incorporates in a compact unit, four identical full-featured Noise Gate sections. The device consists basically in an open-close switch activated by a user selectable Threshold level. Both open-close transition and background noises in SHUT state are optimised to guarantee a transparent click-free operation for High End Professional Audio applications.

Stereo switches between Sections 1-2 and Sections 3-4 adapts the unit to Quad, Dual/Stereo or mixed program materials by tracking gate timing and Gain Reduction parameters from both channels at a time, from CH-1 panel controls only. This ensures that both gates are opened and closed simultaneously avoiding Stereo Image loss.

Dedicated filters are provided to Trigger the gate, only by the desired instrument avoiding false gating. Test monitoring of the filtered signal is available to set-up the gate effect by ear. Front panel Attack and Release time parameters are included for optimal sound reconstruction or for special effects creations. Background stage noises are easily removed enhancing instrument control and mixing operation.

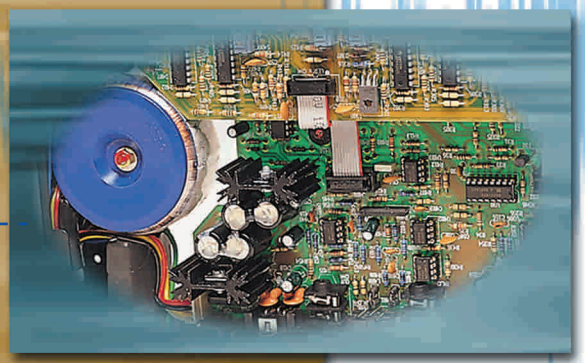
Spatial image of the sounds becomes more noticeable. Applications include sound reinforcement, drum or vocal gating, studio mic processing and effectively, noise reduction for almost any audio signal path, by way of expanding the dynamic range.

Ease of operation, compact size, and full specs converge in the Altair NG-440 to make it a new member of your effects processing rack.

ALTAIR

NG-440





Quad Noise Gate

TECHNICAL SPECIFICATIONS

INPUTS

Electronically Balanced by XLR/ 1/4" JACK

Impedance/Level: 20 KW, 0 dBu nom., Max Vin +24 dBu

OUTPUTS

Electronically Balanced and Floating by XLR/ 1/4" JACK

Impedance/Level: 100 Ω, 0dBu nom., Max Vout +24 dBu

FREQUENCY RESPONSE

20 Hz-40 Khz (+0, -0.5 dB)

DISTORTION

THD+N< 0,03% @ 0 dBu (20 Hz-20Khz)

IMD < 0,03% @ 0 dBu (20 Hz-20Khz)

INTERCHANNEL CROSSTALK

Better than 80 dB (20 Hz-20Khz)

C.M.R.R.

Better than 60 dB (20 Hz-10Khz)

OUTPUT NOISE

Better than -96 dBu U/W. Unity gain, Gate in By-Pass

Better than –98 dBu U/W. Unity gain, Gate in SHUT state

DETECTOR FILTERS

HPF 30Hz-4KHz, LPF: 200Hz-20Khz

THRESHOLD

Variable from -50 dBu to +20 dBu

ATTACK TIME

(AUTO Mode) Program Dependent

(FAST Mode) T < 100 uS

RELEASE TIME

Variable from 10ms to 2sec

RANGE

SHUT state attenuation 80dB/20dB

MAINS SUPPLY

User selectable 115/230 VAC ±12%, 50-60 Hz/20VA

DIMENSIONS

483x44x160 mm. (19" x 1u)

OPTIONAL ACCESSORIES

Plastic or metal (key protected) security covers

Technical specifications subject to variation without previous notice.

DISTRIBUTED BY

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