
Digital Ambient Noise Controller

Fully digital ambient noise-controlled volume control to automatically adjust the volume of a signal to the ambient noise (ANC), with integrated automatic volume adjustment for constant volume of music transfers (ALC). The intelligent control prevents the influence of the volume by the wanted signal so that the placement of the microphone for the recording of the ambient noise is completely uncritical; There is no risk of a "built-up oscillation" of the signal, even if it is louder than the ambient noise. Phantom power supply for sensor microphone can be activated. Adjustment of the relationship between change of ambient noise and change the volume of the signal range of the volume and maximum volume. Evaluation of the ambient noise without weight or A weight with 3 adjustable frequency bands. Listening ability for the sensor input. Disable the controls to avoid accidental adjustment of parameters possible. Two-channel version, which can be operated either in stereo or mixing. Bridging the inputs to the outputs during a power failure. Display of input and output levels for each channel, as well as the volume adjustment of the ALC and the ambient noise-controlled volume control.

Power supply: 110-120 V, 50/60 Hz

Frequency response: 20 Hz - 20 kHz

AD/DA Converter: 24-bit

Total harmonic distortion: < 0.006%

Signal inputs: 2, balanced

Signal sensitivity: +4 / -8 / -20 dBu

Sensitivity sensor: 48 / +4 dBu

Outputs: 3, +4 dBu at 600 ohm

ANC control range: 18 dB

Integration time: 10 s, 20 s, 30 s, 1 min, 5 min

Ratio volume tuning: 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6

Output level limiter: -12 to +24 dBu

Manufacturer: TOA

Model: DP-L2