

OMNITRONIC SPL-1 SPL Guard + Measure Mic

Monitoring system for limiting the sound level

Art. No.: 10356250

GTIN: 4026397395174



Features:

- Tamper-proof 2-channel sound level limiter with measurement microphone to meet legal noise regulations e.g. in discotheques
 - For insertion between mixer and PA amplifier(s)
 - Guards the speaker level and gradually attenuates the output signal to the preset maximum SPL, muting can be switched on
 - 3 operating modes can be selected: limiter with muting after 60 seconds, muting after 60 seconds, limiter
 - Threshold control for setting the maximum admissible SPL
 - 3-color LED indicators warn of impending muting when level is exceeded
 - Connection possibility for external warning indicators (optional)
 - Inputs and outputs via balanced XLR connectors
 - Trimmer and mode selector for on-site calibration behind removable cover plate
 - All audio connectors and controls can be sealed
 - (19") 48.3 cm rack installation 1 U
- microphone**
- Polar pattern: Cardioid

Logistic

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Weight: 3,70 kg

Length: 0.53 m

Width: 0.27 m

Height: 0.10 m

Technical specifications:

Power supply:	230 V AC, 50 Hz
Power consumption:	10.00 W
Power connection:	Mains input via IEC connector (M) mounting version power supply cord with safety plug (provided)

S/N ratio:	>86 dB
THD:	<0.09 % at 1 kHz
Impedance:	Input: 20 kOhm , bal. Input: 10 kOhm , unbal. Output: 300 Ohm , unbal. Output: 150 Ohm , bal.
Gain:	0 dB
Parameter:	Limiter threshold: +75 to +120 dB, arbitrary
Crosstalk:	>75 dB
Connections:	Indicator via 2 x RJ-45 (F) mounting version Input: line via 2 x 3-pin XLR Input: microphone via 1 x 6.3 mm plug (unbal.) Output: line via 2 x 3-pin XLR
Max. level:	Input: +20 dBu
Housing design:	(19") 48.3 cm rack installation 1 U
Dimensions:	Width: 48.3 cm Depth: 18.5 cm Height: 4.45 cm
Weight:	3.22 kg
Capsule type:	Dynamic
Polar pattern:	Cardioid
Frequency range:	20 - 20000 Hz

Scope of delivery:

1 x device
1 x user manual
1 x power cord
1 x microphone