

OMNITRONIC AN-31S Audio analyzer

31-band analyzer for audio signals

Art. No.: 10355785

GTIN: 4026397369205



The article is no longer in our assortment.

Description:

The AN-31 S serves for realtime analysis of acoustic signals received through either the supplied measurement microphone with cardioid characteristics or line in connection. The analyzer divides the frequency spectrum from 20 Hz to 20 kHz into 31 bands at 1/3 octave intervals and displays the decibel level of each band of sound via LEDs. By utilizing the integrated noise generator, a test signal (pink noise) can be created that can be used e.g. in connection with an equalizer to match a PA system to room acoustics.

Logistic

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Weight: 4,25 kg

Length: 0.54 m

Width: 0.28 m

Height: 0.08 m

Features:

- Realtime analysis of audio signals
- 31 bands with 1/3 octave steps
- Pink noise generator
- Measurement microphone included
- Gain control
- Analysis meter with 7 LEDs per frequency band
- dB level meter with 7 LEDs
- Switchable level range 0 dB to -30 dB/ 6 dB to -26 dB
- Additional line input
- Compatible with 31-band equalizers
- Rack installation, 1 U
- (19") 48.3 cm rack installation

Technical specifications:

Power supply:	230 V AC, 50 Hz
Power consumption:	10,00 W
Frequency range:	20 - 20000 Hz
Connections:	Input: line via stereo RCA Input: microphone via 6.3 mm plug (unbal.)
Housing design:	(19") 48.3 cm rack installation
Dimensions:	Width: 48,3 cm Depth: 19,5 cm Height: 4,45 cm
Weight:	3,75 kg
Number of frequency bands:	31
Frequency indication:	20/25/31.5/40/50/63/80/100/125/160/200/250/315 /400/500/630/800 Hz/ 1/1.25/1.6/2/2.5/3.15/4/5/6.3/8/10/12.5/16/20 kHz
LEDs per frequency band:	7
Level indication:	0 dB to -30 dB/ 6 dB to -26 dB, switchable
Audio input:	6.3 mm mono jack (mic), stereo RCA, switchable
Pink noise output:	stereo RCA
Microphone type:	dynamic with cardioid characteristics