



## Description

By means of the NC-111 Ambient Noise Controller, the ratio of the desired signal (speech or background music) to unwanted extraneous signal (unwanted noise) can be considerably improved, e.g. in airports, railway stations, hotels, etc.

Please consider the following features:

- The device is supplied with the ND-011 Ambient Noise Detector, which is equipped with an XLR- or jack socket for connection of an electret or dynamic sense microphone.
- An adjustable reference level is used to set a lower limiter to the output level. A level that is below the reference level is not accepted.
- Filter performance (-width) is adjustable.

- The LED chain (-9 dB to +18 dB) on the front panel indicates the output level. There is also a clipping LED.
- The device includes an adjustable measuring band-pass filter with a range of 30 Hz to 15 kHz and a bypass switch for disabling the NC-111.
- The noise detector has a phantom power switching option and can be connected by means of an AF cable with a maximum length of 500 m.

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Technical data	NC-111
Input impedance	0,775 V (0 dB), 30 kohms, balanced, on XLR
Output impedance	0,775 (0 dB), 600 ohms, balanced, on XLR
Pick up impedance	0,775 (0 dB), 200 ohms, balanced, on XLR
Signal-to-noise ratio	better than 60 dB (DIN AUDIO)
Frequency range	20 – 20.000 Hz (-1 dB)
THD	better than 0,3 %
Width / Q control	0,5 to 3,5
Bypass	30 – 15.000 Hz
Phantom power	20 V DC
Power supply	230 /240 V AC/24 V DC
Power consumption	7,5 W / 24 V DC, 0,15 A
Dimensions (WxHxD)	NC-111: 483 x 44 x 200 mm (19", 1 RU)
Dimensions (WxHxD)	ND-011: 81 x 60 x 179 mm
Weight	NC-111: approx. 2,7 kg ND-011: approx. 0,5 kg

Figure shows ND-011 Ambient Noise Detector (supplied with the device)



- 1 IEC power inlet (cold condition)
- 2 Terminal for 24 V DC (emergency power supply)
- 3 Balanced signal output socket.
- 4 Balanced signal input socket.
- 5 Control for reference level limiter
- 6 Switch for disabling the reference level limiter.
- 7 Balanced input for ambient noise detector.

### Rear view

## Model designation

**Ambient Noise Controller**, (1 RU) incl. Ambient Noise Detector ND-011 ..... **NC-111**