

## **AMBIENT NOISE CONTROLLER**



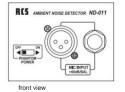
## Description

With the Ambient Noise Controller NC-111, the distance between the desired useful signal (speech or background music) and the unwanted interference signal (external noise) can be significantly increased, e.g. in airports, train stations, hotels etc.

Please note the following features:

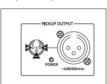
- The scope of delivery includes the "Ambient Noise Detector ND-011", which
  is equipped with an XLR or jack socket for connecting an electret or
  dynamic measuring microphone.
- An adjustable limiter "Reference Level" is used to limit the output level downwards, which does not allow a level lower than the reference level.
- Filter quality (width) adjustable.

## Picture shows the Ambient Noise Detector ND-011 (included)



81 x 60 x 179 mm

Weight:
approx. 0.5 kg



view of the back

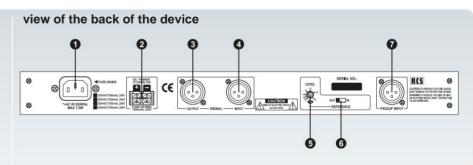
- LED chain (-9 dB to +18 dB) on the front panel indicates the output level, and there is also a "clipping" LED.
- An adjustable bandpass filter from 30 Hz to 15 kHz and bypass switch to deactivate the NC-111 are built in.
- The Noise Detector has the option of switching on phantom power and can be connected with an NF cable of up to 500 m in length.

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Technical data	NC-111
input impedance	0.775 V (0 dB), 30 kOhm, balanced, on XLR
output impedance	0.775 (0 dB), 600 Ohm, balanced, on XLR
pickup impedance	0.775 (0 dB), 200 Ohm, balanced, on XLR
signal-to-noise ratio	better than 60 dB (DIN AUDIO)
frequency range	20 – 20,000 Hz (-1 dB)
distortion factor	better than 0.3%
bandwidth of the measuring filter	0.5 to 3.5
bypass	30 – 15,000 Hz
Phantom Power	20 V DC
power supply	230 /240 V AC/24 V DC
electricity consumption	7.5 W / 24 V DC, 0.15 A
dimensions (WxHxD)	483 x 44 x 200 mm; 1 HE
Weight	approx. 2.7 kg



- B Connection terminal for 24 V DC (emergency power supply).
- C Balanced signal output jack.
- D Balanced signal input jack.
- E Control for reference level limiter
- F Switch to activate the reference level limiter.
- G Symmetrical Ambient Noise Detector input.



## model name