

Opus 86 Condenser Microphone

Order # 481.858



FEATURES

- Frequency response optimised for accordions
- Cardioid polar pattern
- High-gain-before feedback
- Gooseneck for optimum positioning
- Shock-mounted microphone capsule
- Supplied with mounting parts

APPLICATIONS

The Opus 86 condenser microphone has been developed for miking accordions and Styrian harmonicas. The cardioid microphone capsule features a high-gain-before feedback and the frequency response has been optimised for live applications. Due to the shock-mounted microphone capsule mechanical noise is avoided. The microphone is mounted to the accordion with the supplied mounting parts. The microphone slides into the mount and can be removed for transport while the mount remains on the accordion.

If required, a maximum of three Opus 86 microphones can be mounted to one accordion. The individual signals are mixed with the optional Opus Mix 31 and routed as a master signal to a belt-pack transmitter or wired pre-amplifier.

The Opus Mix 31 mini mixer comes in a high-quality magnesium cast housing and supplies a maximum of three Opus 86 microphones with the required AB-powering via a 9 Volt battery. The desired input gain for each microphone can be adjusted with the appropriate gain control. Alternatively, two Opus 86 and one neckworn microphone (e.g. Opus 54) can be connected to the Opus Mix 31 to transmit vocals and the accordion on one channel with a wireless system.

SUPPLIED ACCESSORIES

- 1 x Mounting plate
- 3 x double-sided adhesive pads

OPTIONAL ACCESSORIES

- | | | |
|--------------|---|-----------------|
| Opus Mix 31 | Mini mixer for 3 condenser microphones with .18 connection, metal housing, battery powered with 9V battery, to connect to TS 100 Mk II, TS 300, TS 800 (M) or CV 18 | Order # 481.866 |
| CV 18 | Pre-amplifier, 4-pin mini XLR (male) - 3-pin XLR (male), for the wired operation of Opus 86 or Opus Mix 31. | Order # 475.378 |
| Opus 86 Pads | Set with 10 double-sided adhesive pads for Opus 86. | Order # 482.102 |

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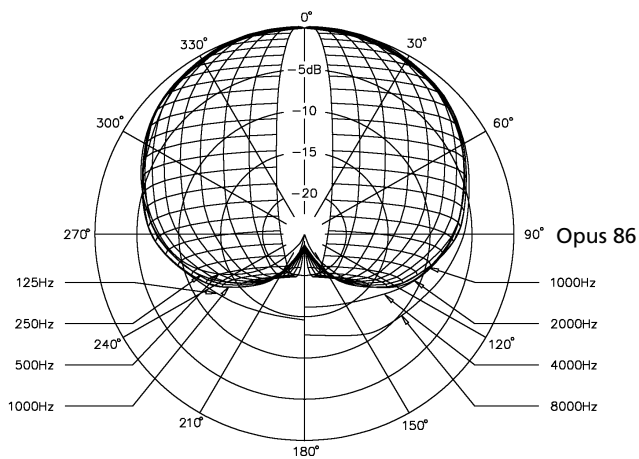
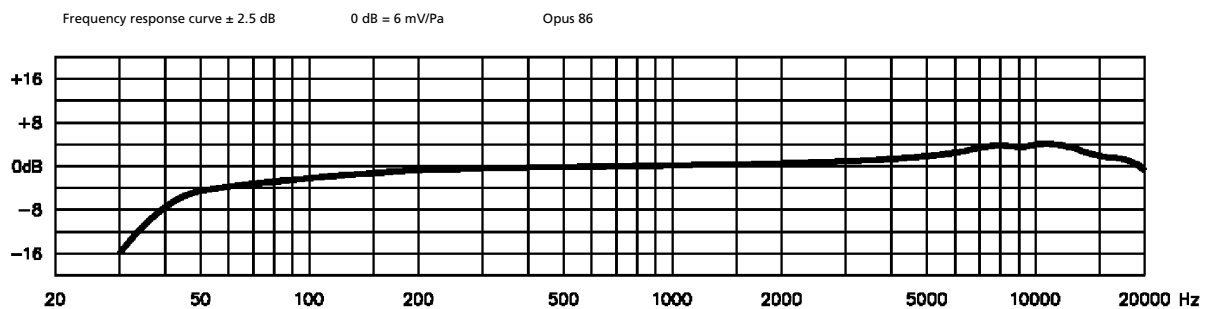
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TECHNICAL SPECIFICATIONS

Transducer type	Condenser (back electret)
Operating principle	Pressure gradient
Frequency response	30 - 20,000 Hz
Polar pattern	Cardioid
Open circuit voltage	6 mV/Pa
Max. SPL	136 dB
Signal-to-noise ratio	60 dB
A-weighted equivalent SPL	26 dB
Connection	4-pin mini XLR, female
Weight (without cable)	approx. 40 g

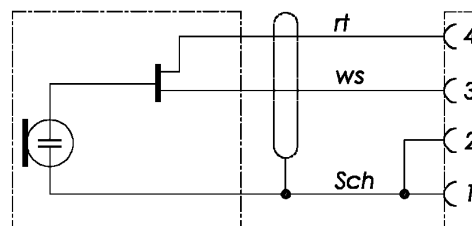
FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (± 2.5 dB) correspond to a typical production sample for this microphone.



WIRING DIAGRAM

Opus 86



rt = red
ws = white
Sch = shield