

Abstract**AMPLIFIER UNIT FOR A SOUND CONVERTER AND SOUND GENERATING
UNIT**

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The invention relates to an amplifier unit (1) for a MEMS sound transducer (2), which is operable as a microphone and as a loudspeaker, comprising at least one audio amplifier (3a, 3b) for sound reproduction and/or sound recording.

10 According to the invention, the amplifier unit (1) is designed in such a way that the MEMS sound transducer (2) provided therefor is simultaneously operable as a loudspeaker and as a microphone. Moreover, the invention relates to sound-generating unit comprising a MEMS sound transducer (2), which is operable as a microphone and as a loudspeaker, and an amplifier unit (1) coupled to the
15 sound transducer (2) for sound reproduction and/or sound recording.

[Fig. 1]