

**EAAB****Embedded Audio  
Amplifier Box**

Article-No.:  
**8319-001-003-51**  
**8319-002-001-51**

**Product:****Characteristics**

- Car and truck supply ready
- Amplifier for loudspeaker (4/8 ohms)
- Amplifier for microphone
- Mono to differential converter for microphone
- I/O interfaces to connect switch / contact / PTT / etc.

**Application range**

- For public address
- Hands-free vehicle solutions

**Available packages**

- Art. No. 8319-001-003-51:  
EAAB with adapting cable with open wires and installation guide
- Art. No. 8319-002-001-51:  
EAAB with installation guide

**Accessories sold separately**

- Loudspeakers:  
Art. No. 8326-002-001-51: KL1 4 Ω  
Art. No. 8326-004-001-51: KL3 4 Ω
- Microphones:  
Art. No. 2921-034-004-51: ME15  
Art. No. 2908-029-000-51: ME251
- Cable:  
Art. No. 8320-004-001-51: Adapting cable  
Molex Micro Fit 10pol to open wires, 1.2 m

**Technical Data:****General**

Power supply:	10 V to 32 V
Consumption:	Max 450 mA, ≤ 10 mA (ignition contact = 0 V)
Dimensions:	Height 138 mm, Width 62 mm, Depth 31 mm
Weight:	105 grams
Storage temperature:	-40 °C to +70 °C (-40 °F to +158 °F)
Operating temperature:	-30 °C to +60 °C (-22 °F to +140 °F)

**Microphone amplifier**

Frequency range:	33 Hz to 4.7 kHz at -10 dB
Operating input voltage:	up to 700 mV pp
Gain:	-15 dB (up to 25 dB on request)
Connection:	Molex Mini Fit 2pol

**Loudspeaker amplifier**

Frequency range:	30 Hz to 20 kHz at -10 dB
Operating input voltage:	100 mV RMS
Gain:	+24 dB
Maximum output power:	3.2 W / 4 Ω ; 1.8 W / 8 Ω
Connection:	Molex Micro Fit 2pol

**I/O interfaces**

Connection:	Molex Micro Fit 10pol
Connection:	Molex Micro Fit 4pol

Specifications subject to change. Product may differ from image.

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