



## DMS-2042 A

### Digital Sound-Level Measurement-Outdoor Unit



AUDEMO-SYSTEMS GmbH Schatzbogen 62  
81829 München, Germany

CE-Symbol gemäß Richtlinie 93/68EWG

#### APPLICATION

- Public Address and Voice Alarm
- Audio Visual

#### AREA OF USE

- Health • Education • Retail • Hospitality
- Stadiums • Transportation • Theme parks • Military

#### PERFORMANCE CHARACTERISTICS

The DMS-2042 A module from the PADES-2000 DMS module series is used to measure external noise sources of a sound reinforcement area which can then be used as a reference for a volume increase.

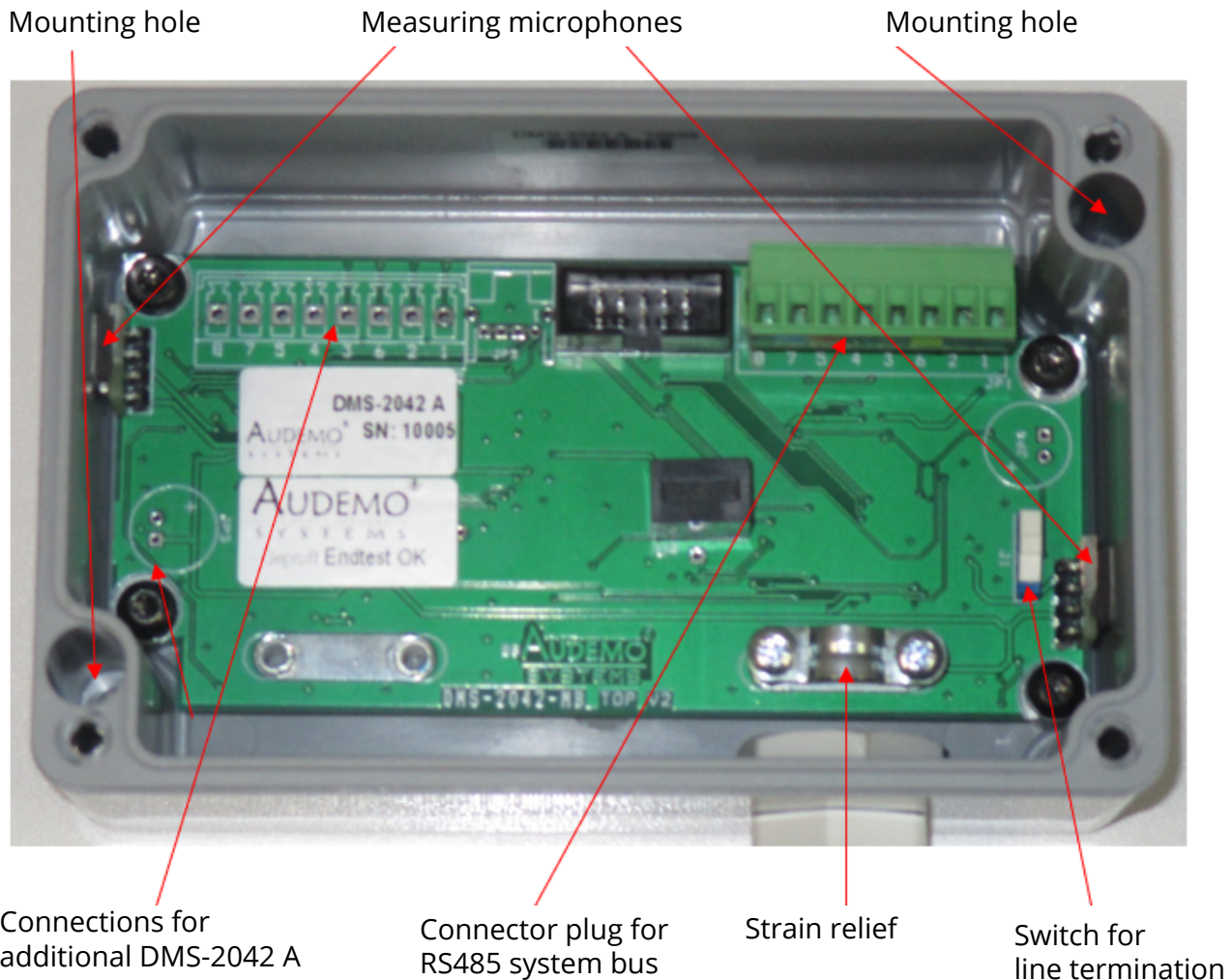
One sound reinforcement area can be recorded per DMS-2042 A:

- Detection of the background noise of a sound reinforcement area.  
Redundant microphones for increased safety
- Use as a line terminal or as an intermediate line module

- Reliable communication via RS485 bus
- Switchable terminating resistor (for line terminal)
- Strain relief and shield connection via clamping bracket
- Waterproof cable entry with M-screw connection (1 x for line terminal unit, 2 x for intermediate line module)
- Usable connection cables: CAT7 or fire alarm cable 2x2x0.8 or 4x2x0.8.
- IP-protected housing for outdoor mounting (IP66)



## MECHANICAL CONSTRUCTION



The DMS-2042 A module is intended for mounting on a smooth surface.  
 For mounting, remove the cover and place the module at the desired location.  
 Mark the position of the mounting holes on the substrate and drill the appropriate holes.  
 Screw the module to the substrate with screws provided by the customer.  
 Insert the cable into the gland, pass it under the strain relief clamp and  
 connect it to the connector JP1.

The two-wire can be contacted via the strain relief clamp.

The cover is screwed onto the base using the 4 screws.



## CONNECTION ELEMENTS

<b>JP1</b>	<b>Connection plug</b> for connection to the system technology
<b>1</b>	Not used
<b>2</b>	Not used
<b>3</b>	RS485 Bus
<b>4</b>	RS485 Bus
<b>5</b>	+24V supply voltage
<b>6</b>	+24V supply voltage
<b>7</b>	GND Power supply
<b>8</b>	GND Power supply

<b>J1</b>	<b>Sliding switch for RS485 bus termination</b>
<b>Switch to connector</b>	Bus termination for RS485 bus is active
<b>Switch for M-screwing</b>	Bus termination for RS485 bus is switched off

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**AUDEMO - SYSTEMS GmbH (Headquarter)**

Schatzbogen 62 81829 Munchen  
Tel.: +49 (0) 89 1 4 56 78 47 - 0, Fax: +49 (0) 89 1 4 56 78 47- 2900  
info@audemo-systems.de, www.audemo-systems.de



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Industry eV Safety Association

