

# DPM-2550 A

## Digital Selective Remote Microphone Unit

Made  
in  
Germany



**EN 54 16**

### APPLICATION

- Public Address and Voice Alarm
- Background Music
- Audio Visual

### AREA OF USE

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

### OVERVIEW

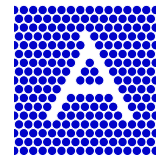
The Digital-Selective-Remote-Microphone-Unit DPM-2550 A is a microcontroller-supported fully digital microphone station with bidirectional digital transmission of data and audio signals. The function assignment of all memory keys of the call station is freely programmable including numeric keypad function.

Monitoring according to EN 54-16 can be activated with the software license. There are 4 function keys, a 12-key keypad block for individual or group calls, one covered alarm button and a large, user-friendly talk button are available.

The "+" and "-" function keys can be used to change the sound carrier volume, the sensitivity of the sound carrier input, the microphone volume and the characteristics of the compressor and gate functions.

The station has LED for each key button and LED for error status.

The DPM-2550 A features high-performance A/D and D/A converters with 128x oversampling for pristine reproduction of speech and music. The input and output channel gain is from 0 to 59.9 dB and 0 to 63.5 dB adjustable in 0.5 dB increments. A compressor/gate function (individually adjustable), as well as automatic volume adjustment of the microphone input using automatic gain control (AGC) to ensure maximum intelligibility of the announcements of the different speakers is an built-in feature.



## TECHNICAL DATA

Microphone	Electret Cardioid
Gooseneck length	280 mm
Alarm buttons	1, illuminated, covered
Keyboard block	12 + 4
Talk button	1
Supervision	The link with DPM controllers and capsule of MIC.
Frequency response	(-3dBu) at 200 – 15,000 Hz
THD	Less than 1% @ 1 KHz
Power supply	24 V DC via RJ45 port
Current consumption	125 mA (max.)
System connection	RJ-45
Operating temperature	-5 to + 50 C°
Dimensions ( W x H x D)	250 x 45 x 196 mm
Weight	1.25 kg



Member of the ZVEI - Central Association  
for the Electrical Engineering and Electrical  
Industry eV Safety Association



### All rights reserved.

Information contained in this document is believed to be accurate, however no representation or warranty is given and Audemo-systems in Germany assumes no liability with respect to the accuracy of such information.

**PADES**  <sup>®</sup> 2000-Series

### 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

### AUDEMO Middle East General Trading (Middle East & North Africa)

P.O.BOX: 43594, Abu Dhabi, United Arab Emirates  
Tel : +971 (02)6263836, info@audemo-me.com