



## PANASONIC

# Panasonic PAVA-DFMS fire brigade microphone station

Product code PAVA-DFMS · Voice alarm systems > Microphone stations

Fire brigade microphone station of the PAVA voice alarm system for alarm announcements, general announcements and zone selection. Monitored microphone and system connection, evacuation button and three programmable buttons.

- > Approved to EN 54-16
- > Monitored microphone and system connection
- > Evacuation button and three programmable buttons
- > Recording of announcements during an emergency (black box)
- > Also works during a central processor fault (CPU-OFF switch)
- > Expandable with five ABT-EKB-20M expansion units



## Product description

PAVA-DFMS is the fire brigade microphone station of Panasonic's PAVA voice alarm system. In PAP's Finnish-language datasheet, it appears under the manufacturer's code ABT-DFMS. The microphone station is used to make alarm announcements and general announcements, select announcement zones and send pre-recorded voice messages. The functions of the function buttons are configured for each site.

The microphone station is a monitored device. It detects button faults and audio path faults right up to the microphone capsule. The microphone station works with the central units in a redundant ring and can also act as a substitute for the system's central unit. With the CPU-OFF switch, announcements are sent to all zones without involvement of the central unit, even during a central processor fault.

The recording function (black box) records all announcements made during an emergency. With the intercom function, the microphone station communicates with the system's other microphone stations. The connection to the system runs over optical fibre via SFP modules or over a Cat 5e cable. The microphone station is powered via PoE or from a separate EN 54-4 power supply. Up to five ABT-EKB-20M expansion units can be connected to it.

## Technical data

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Product code        | PAVA-DFMS                                                                 |
| Manufacturer        | Panasonic                                                                 |
| Product group       | Voice alarm systems > Microphone stations                                 |
| Power supply        | PoE or a separate EN 54-4 power supply, 48 V DC                           |
| Current consumption | Max. 266 mA (48 V DC, five expansion units)                               |
| Connection          | Optical fibre (SFP module, SC/LC, multimode or single-mode) or UTP Cat 5e |

|                       |                                                                         |
|-----------------------|-------------------------------------------------------------------------|
| Buttons               | Evacuation button and 3 programmable buttons                            |
| Expandability         | Max. 5 ABT-EKB-20M expansion units                                      |
| Inputs                | 2 programmable inputs, galvanically isolated                            |
| Relay output          | 2 programmable (NO/NC), max. 1 A, 50 V, 30 W                            |
| Microphone            | Handheld microphone, coiled cord 1.5 m, DIN connector                   |
| Monitor loudspeaker   | 0.5 W, 78 dB(A) (1 m, 1 W), 450 Hz–8 kHz                                |
| IP rating             | IP30                                                                    |
| Operating temperature | 0...+60 °C                                                              |
| Storage temperature   | –20...+70 °C                                                            |
| Humidity              | 15–80% (operation), 5–95% (storage)                                     |
| Dimensions            | 150 × 55 × 210 mm (W × H × D)                                           |
| Weight                | 1.4 kg                                                                  |
| EN 54 approval        | EN 54-16                                                                |
| CPR                   | 1438-CPR-1146 (Panasonic PAVA), 1438-CPR-0527 (Ambient miniVES/midiVES) |

## Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

**Datasheet:** ABT-DFMS (PAVA-DFMS) fire brigade microphone station

**Datasheet:** ABT-DFMS fire brigade microphone station (Ambient System)

**Installation guide:** ABT-DFMS PoE converter replacement

**Technical datasheet (series):** PAVA voice alarm system

**Product catalogue (series):** PAVA voice alarm system

**CPR certificate (series):** 1438-CPR-0527, miniVES/midiVES system

**Declaration of performance (DoP) (series):** miniVES/midiVES system mini\_midiVES-20260720

**EU declaration of conformity (series):** miniVES/midiVES system mini\_midiVES-DCE-20230120

### Request a quote or ask for more information

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Up-to-date information and documents: [pap.fi/en/tuote/pava-dfms/](https://pap.fi/en/tuote/pava-dfms/)