

## DT 003

### Digital Desktop Intercom Station



#### Features and Functions

- Membrane keypads with 16 keys or keypads with 10 momentary switches
- All keys and momentary switches with individual labeling fields
- Visual call or busy status via LED
- Noise-compensating gooseneck microphone with dynamic compression
- Adjustable microphone sensitivity and speaker volume
- Monitoring of microphone function

The digital desktop intercom stations of the DT series are part of the INDUSTRONIC communication and public address system with digital interfaces. They are designed for use in control stations, measuring stations or control rooms.

Modular membrane keypads with up to 112 keys can be integrated in one station including the corresponding labeling fields and LEDs for signaling. For applications subject to increased mechanical stress you can use up to 70 momentary switches. The intercom station is continuously monitored and the microphone is monitored in accordance with the EN 60849 standard.

#### Components

- Plastic housing (ABS) with aluminum base plate
- Gooseneck microphone 300 mm (11.8")
- Built-in loudspeaker 7 DLT
- Up to 7 plug-in keypads
- Electronics unit 1 DTS
- Color RAL 9002 (grey white)

#### Options

- Key cover to protect the keys against accidental actuation
- Booster amplifier 25 DVT
- DT 103 with interface for handset connection with integrated talk-back key (1 HAS 001)
- Robust microphone for applications subject to increased mechanical stress (360 mm (14.2"))

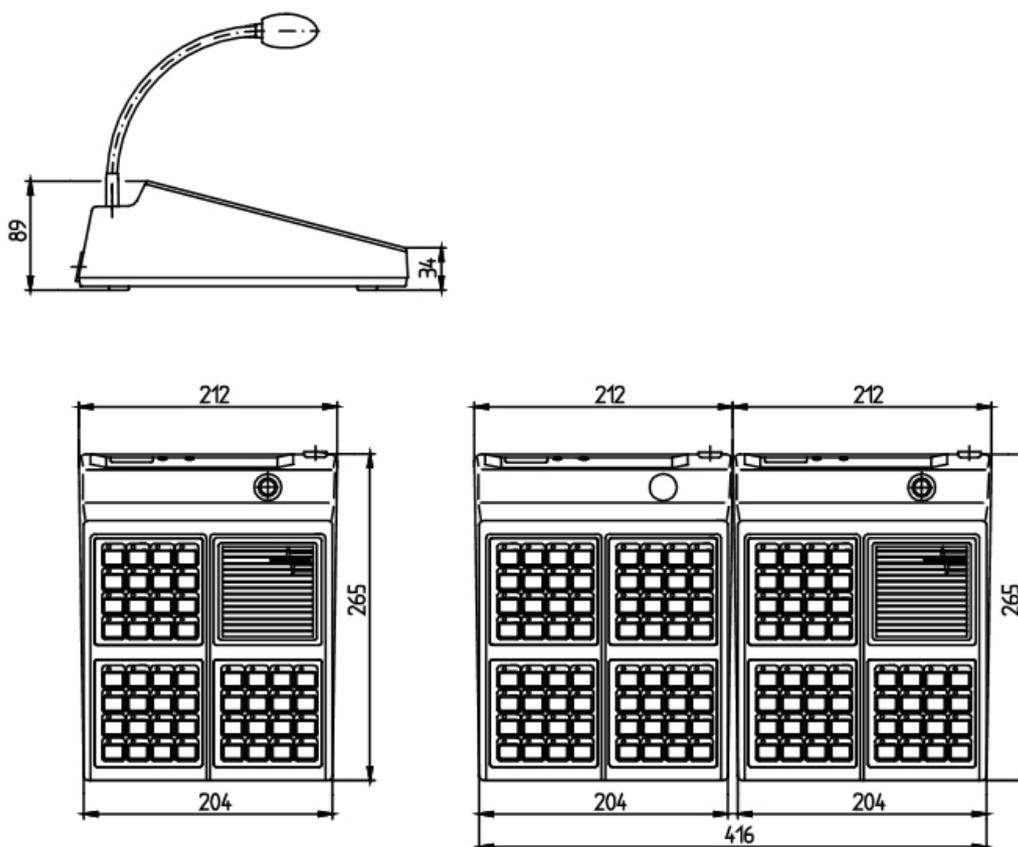


Fig. 1: Dimensional drawing DT 003

#### Mechanical Data

• Dimensions 1 to 3 keypads	212 mm x 265 mm x 89 mm (8.4" x 10.4" x 3.5")
• Dimensions 4 to 7 keypads	416 mm x 265 mm x 89 mm (16.4" x 10.4" x 3.5")
• Weight	1.3 kg to 3.0 kg (2.9 lbs to 6.6 lbs)
• Dimensions booster amplifier 25 DVT	110 mm x 189 mm x 70 mm (4.3" x 7.4" x 2.8")
• Weight booster amplifier 25 DVT	Approx. 0.7 kg (approx. 1.5 lbs)

#### Electrical Data Intercom Station

• Operating voltage range	42 VDC to 72 VDC
• Quiescent, max. current consumption	50 mA, 140 mA
• Amplifier power	1 W
• Frequency range	300 Hz to 3400 Hz
• Output level AF-signal	0 dB
• Loudspeaker	5 W / 8 Ohms

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**Electrical Data Booster Amplifier**

• Operating voltage range	42 VDC to 72 VDC
• Quiescent, max. current consumption	20 mA, 850 mA
• Output power	25 W / 400 Ohms

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**Environmental Requirements and Standards**

• Ambient temperature during operation	0 °C to +50 °C (+32 °F to +122 °F)
• Relative humidity (non-condensing)	Max. 95 %
• Degree of protection	IP40
• EMC	IEC/EN 61000-6-2 IEC/EN 61000-6-4
• Monitoring of microphone acc. to	DIN EN 60849

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