



DT/DTE 705

DIGITAL DESKTOP INTERCOM STATION

DESIGNED FOR USE IN CONTROL ROOMS, MEASURING STATIONS OR CONTROL CENTERS

Modular membrane keypads with up to 112 keys can be integrated in one device including the corresponding labeling fields and LEDs for signaling. For applications which are subject to increased mechanical stress you can use up to 70 momentary switches.

Its connectivity and health status is constantly monitored, logged and flexibly notified system-internally and to third-party systems.



- Membrane keypads with 16 keys or keypads with 10 momentary switches
- All keys and momentary switches with individual labeling fields
- Visual indication of call or busy status via LED
- Noise-compensating gooseneck microphone with dynamic compression
- Adjustable microphone sensitivity and speaker volume
- Self-diagnostics by monitoring of internal electronics, microphone and cable paths

COMPONENTS

Plastic housing (ABS) with aluminum base plate

Gooseneck microphone 300 mm (11.81")

Built-in speaker 7 DLT

Up to 7 plug-in keypads

Electronics unit

MECHANICAL DATA

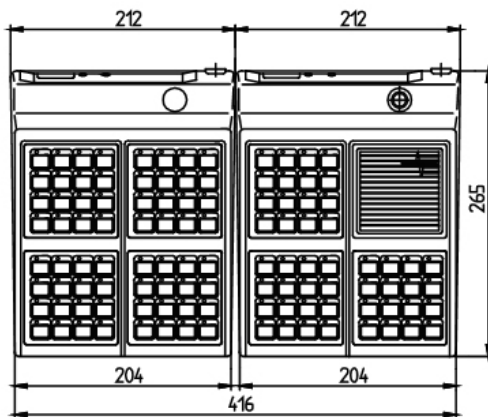
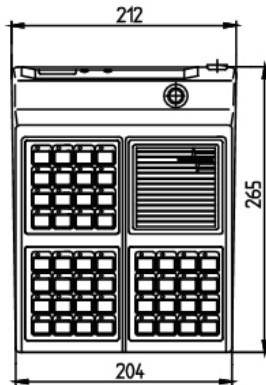
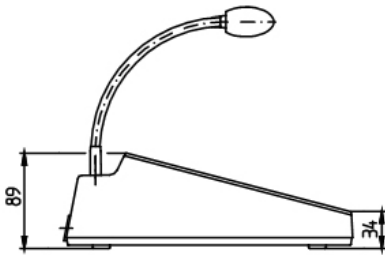
Dimensions with 1 to 3 keypads 212 mm x 265 mm x 89 mm (8.35" x 10.43" x 3.50")

Dimensions with 4 to 7 keypads 424 mm x 265 mm x 89 mm (16.69" x 10.43" x 3.50")

Weight 1.3 kg to 3.0 kg (2.87 lbs to 6.61 lbs)

Color Gray white (RAL 9002)

DIMENSIONS





ELECTRICAL DATA

Operating voltage range	42 V DC to 72 V DC
Quiescent current consumption	25 mA to 50 mA (depending on intercom station type)
Max. current consumption	120 mA
Amplifier power	1 W
Frequency range	300 Hz to 7,000 Hz
Speaker	5 W / 8 Ohms



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

ORDER DATA

Type	 *		Type Number
16 DT 705	1		301-615-100
32 DT 705	2		301-615-200
48 DT 705	3		301-615-300
64 DT 705	4		301-615-400
80 DT 705	5		301-615-500
96 DT 705	6		301-615-600
112 DT 705	7		301-615-700
10 DT 705		1	301-616-100
20 DT 705		2	301-616-200
30 DT 705		3	301-616-300
40 DT 705		4	301-616-400
50 DT 705		5	301-616-500
60 DT 705		6	301-616-600
70 DT 705		7	301-616-700

*All types with membrane keypads can be ordered with a key cover for 4, 8, 12 or 16 keys (e.g.: Type 16 DT 705/C4).

Type	 *		Interface for Handset	Type Number
16 DTE 705	1		x	301-617-100
32 DTE 705	2		x	301-617-200
48 DTE 705	3		x	301-617-300
10 DTE 705		1	x	301-618-100
20 DTE 705		2	x	301-618-200
30 DTE 705		3	x	301-618-300

*All types with membrane keypads can be ordered with a key cover for 4, 8, 12 or 16 keys (e.g.: Type 16 DT 705/C4).

OPTION

Key cover to protect the membrane keys against accidental actuation

ACCESSORIES

Type	Type Number
Booster amplifier (25 DVT 10)	304-042-400
Handset (1 HAS 001)*	301-432-100

*only for intercom stations of the DTE series

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