

## EE 380A



## Digital Control Desk System Series EE 380A

To each base station EE 380A up to 4 button modules with 12 buttons each can be connected. The buttons can be assigned to various functions: direct dialling with call indication (conversation, call, emergency call), output functions e.g.: switching of light circuits, starting processes opening of doors or gates, etc.; Indication of input messages, e.g. indication of door and gate states. Optionally there are button modules with 3-colour LEDs

### 1. EE 380AA

Base station desktop version, with gooseneck microphone with cardioid characteristic. Reinforced silicone keypad (standard keypad with "T" and "X" buttons as well as three function keys. Up to four button modules EM 301 or EM 302 can be connected.

### 2. EE 380ABEG

Basic terminal with cardioid gooseneck microphone, active add-on loudspeaker, standard keypad with "T" and "X" keys and three function keys; for connection of up to four keypad modules EM 301EG or EM 302EG. Special screws and adhesive bonding make these Intercom stations particularly durable.

### 3. EE 380AC

Base station desktop version, with built-in electret microphone. Reinforced silicone keypad (standard keypad with "T" and "X" buttons as well as three function keys). Up to four button modules EM 301 or EM 302 can be connected. Also suitable for wall mounting.

available, at which e.g. calls or system states can be indicated and distinguished clearly. The base station is manufactured in new DSP-technology, which enables functions such as Audio Monitoring or Loudspeaker / Microphone Monitoring. The stations are also prepared for future download of new functions and can utilize the OpenDuplex® capability of the Intercom Servers.

### 4. EE 380ADEG

Basic terminal with cardioid gooseneck microphone, active add-on loudspeaker, standard keypad with "T" and "X" keys and three function keys; for connection of up to four keypad modules EM 301EG or EM 302EG. Special screws and adhesive bonding make these Intercom stations particularly durable.

### 5. EM 301 / EM 302

**EM 301:** Button module with 12 buttons, for base stations EE 380AA and EE 380AC.

**EM 302:** Button module with 12 buttons and 3-colour LEDs, for base stations EE 380AA and EE 380AC.

### 6. EM 301EG / EM 302EG

**EM 301EG:** Button module with 12 buttons and connection housing, for base stations EE 380ABEG and EE 380ADEG.

**EM 302EG:** Button module with 12 buttons, connection housing and 3-colour LEDs, for base stations EE 380ABEG and EE 380ADEG.



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# Technical Data – Benefits

## TECHNICAL DATA

IP rating:	IP 50, resistant against dust, dirt, aggressive air
Keyboard:	silicon type with plastic layer, activation force: 1.3 N, 1 x 10 <sup>6</sup> cycles
Housing:	ABS plastic
Microphone:	EE 380AC, EE 380ADEG: omnidirectional electret microphone for max. 7 m (23 ft) speaking distance EE 380AA, EE380ABEG: electret noise cancelling microphone with cardioid characteristic for 3–10 cm (1–4 inch) speaking distance additionally omnidirectional electret microphone Connection possibility for Handset
Loudspeaker:	EE 380AA, EE 380AC: special membrane for optimal sound quality, sound pressure: 85 dB/1 W/1 m (3.3 ft), 8 Ohm. EE 380ABEG, EE 380ADEG: magnetically shielded broadband loudspeaker, sound pressure: 82 dB/1 W/1 m (3.3 ft), 8 Ohm
Amplifier EE 380AA/EE 380AC:	built-in amplifier: 2.5 W output power: 1.5 W
Amplifier EE 380ABEG/EE 380ADEG:	built-in amplifier 20 W output power: 15 W
Display:	6-character, alphanumeric (16-segment)
Input:	1 input for floating contacts, max. 1 kOhm
Output:	1 open collector output (30 VDC / 50 mA)
Frequency range:	200 – 16,000 Hz
Operating temperature range:	–10° C to +60° C (14°F to 140°F)
Storage temperature range:	–20° C to +60° C (–4°F to 140°F)
Relative Humidity:	up to 95 %
Plug:	EE 380A: RJ11 socket for connection A/B, 4-way modular socket for headset, handset, Mini DIN-socket for connection to EM-module EM 301/EM 302: 2 x mini-DIN-socket for connection of the EM-modules; 1 x hollow jack plug for power supply
Cabling:	star feed, 2-wires, twisted + power supply
Power supply EE 380AA/EE 380AC:	from Intercom Server
Power supply EM-Modules:	12 – 24 VAC or 15 – 35 VDC (e.g. PA20W30V) external supply for long line length: 12 – 24 VAC or 15 – 35 VDC
Power supply EE 380ABEG/EE 380ADEG:	15VDC
Power supply EM-Modules:	from station
external supply for long line length:	additionally 12 – 24 VAC or 15 – 35 VDC
Power supply EM-Modules:	12 – 24 VAC or 15 – 35 VDC (e.g. PA20W30V)
Signalling:	2B + D (2 x 64 kBit/s speech, 16 kBit/s data)

## TECHNICAL DATA

Measurements:	EE 380AC, EM 301/EM 302: 66 x 55 x 230 mm (2.6 x 2.2 x 9.1 in) EE 380ABEG, EE 380ADEG: 205 x 96 x 271 mm (8.1 x 3.8 x 10.7 in) EM 301EG/EM 302EG: 104 x 80 x 45 mm (4.1 x 3.2 x 1.8 in) EE 380AA: 179 x 230 x 57 mm (7.1 x 2.2 x 9.1 in) gooseneck 430 mm (16.9 in)
Weight incl. package:	EE 380AA: 740 g (1.6 lbs) EE 380AC: 440 g (1 lb), EE 380ABEG: 1,340 g (3 lbs), EE 380ADEG: 1,220 g (2.7 lbs) EM 301/EM 302: 400 g (0.9 lbs), EM 301EG/EM 302EG: 440 g (1 lb)
Colours:	all types available in black (like RAL 9011) and translucent-blue (like RAL 5022) EE380AA, EE 380AC, EM 301 and EM 302: additionally in light grey (like RAL 7035)

## BENEFITS

All buttons of the button module can be assigned to the following functions:

- Dialling of a single button as long as pressed: 0–9, T, X, function buttons F4–F6 (up, down and enter)
- Direct dialling 1 to 6-digits when pressed, with optional deleting (X) before pressing (toggle) and optional deleting after releasing
- Control of outputs: ON, OFF, toggle, ON as long as button is pressed
- Simulation of input conditions with a predefined level when pressed and released (and all possible functionalities such as ComWIN-message, etc.)
- Acknowledgement of call requests and input messages
- At modules EM 302 / EM 302EG with LED-buttons: indication of conversations, call requests, input messages, conditions of outputs

## SYSTEM REQUIREMENTS

- GE 800 with G8-GED
- GE 300 with G3-GED
- GE 700: min. Pro 05.7 build 9 with G7-GED-4 (software min. V02.2)
- GE 200: min. Pro 05.7 build 9 with G2-GED-4
- GE 200/GE 700 (as of Pro 05.6) with ET 901-D/Gx-DSP-IP: update ET 901 firmware required → [www.software-manuals.com](http://www.software-manuals.com)
- For new features, Intercom Server Software mi. Pro 06.2 and configuration software min. CCT 6.2 is required – see page 8

Power supply must be ordered separately!

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## America

USA	Commend Inc.
CANADA	Tel. +1-201-529-2425
LATIN AMERICA	www.commendusa.com

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