EE 400

4-Wire Desktop Stations Series EE 400

An index field is available to hold important numbers and functions. The bright red lamp makes it easy to see whether the station is active, even from a distance. The volume can be set individually with a volume control knob mounted on the underside of the station. These stations can also be used with the Intercom Servers GE 416, GE 501/GE 601.

1. **EE 400**
   Desktop master station with reinforced silicone keypad (standard keypad), electret microphone, loudspeaker, red functionlight and 3 m (9.8 ft) connection cable.

2. **EE 470**
   Desktop master station with noise-cancelling gooseneck microphone and special anti-tilt stand.

3. **EF 400**
   Desktop sub station with restricted dialling possibilities (T, 0, X).

SECURITY AND COMMUNICATION

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, 1×10^6 cycles EF 400: restricted keyboard (T, 0, X)
Housing:	shock proof ABS plastic
Microphone:	all except EE 470: omnidirectional electret microphone for max. 7 m (23 ft) speaking distance EE 470: electret noise cancelling microphone with cardioid characteristic for 3 – 10 cm (1.2 – 3.9 inch) speaking distance
Loudspeaker:	Special membrane type for optimal sound quality, sound pressure: 85 dB/1 W/1 m (3.3 ft), 50 Ohm
Frequency range:	200 – 12,000 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:	Modular jack 6/6 for connection to central
Cabling:	star feed, 4 wires, twisted pair
Power supply:	from central
Measurements:	EE 400, EF 400: 66 x 230 x 55 mm (2.6 x 9.1 x 2.2 inch) EE 470: 179 x 230 x 57 mm (7.1 x 9.1 x 2.2 inch) gooseneck 430 mm (16.9 inch)
Weight incl. package:	EE 400: 350 g (0.8 lbs) EF 400: 340 g (0.8 lbs) EE 470: 700 g (1.5 lbs)
Colours:	EE 400, EF 400 available in light grey (like RAL 7035) EE 470 available in black (like RAL 9011)

BENEFITS

- Timeless ergonomic design
- 4-wire cabling, star feed
- Plug-in connection cable (modular plug)
- Modern SMD technology
- Electret microphone
- High quality speech, even from a distance (up to 7 m / 23 ft)
- Subscriber index with protective cover
- Reinforced silicone keypad

EXTENT OF SUPPLY

1 station including:
- Connection cable 3 m (9.8 ft), pluggable at both sides
- Short reference and operating instructions

SYSTEM REQUIREMENTS

GE 100 with G1-GET-4, GE 200 with G2-GET-4 or GE 700 with G7-GET-4.
The stations are also compatible to the Intercom Servers GE 208, GE 408, GE 416 and GE 501 / GE 601.

LINE LENGTH

Diameter: [mm] AWG:	ø 0.4 26	ø 0.5 24	ø 0.6 22	ø 0.8 20	ø 1.0 18
Line length: [m]	650	1,000	1,500	2,600	4,200
[ft]	2,133	3,281	4,922	8,531	13,780

All data about line lengths correspond to a loudspeaker attenuation of approx. 9 dB and a microphone attenuation of approx. 3 dB.

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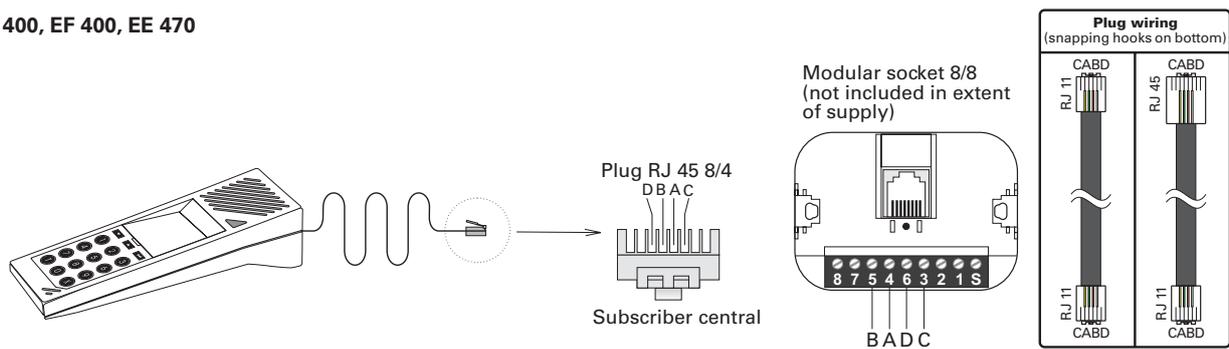
Installation

PRECAUTIONS

- When opening the stations ESD precautions must be observed.
- The stations may only be opened by authorised service engineers.
- The 3 additional buttons (above the numeric keypad) of the EE 400 / EE 470 can not be used for Intercom functions (dummy buttons)

POSITION

- Do not expose the station to extreme temperature (under –10° C or above +60° C / under 14° F or above 140° F).
- The stations must stand on its own, not e.g. in a shelf or under a filing tray.
- Do not position the stations directly besides the base station of a cordless phone.

CONNECTION

EE 400, EF 400, EE 470

Plug RJ 45 8/4
D B A C
Subscriber central

Modular socket 8/8
(not included in extent
of supply)
8 7 5 4 6 3 2 1 S
B A D C

Plug wiring
(snapping hooks on bottom)
RJ 11   CABD
RJ 45   CABD
RJ 11   CABD
RJ 11   CABD

QUALITY TESTED. RELIABLE. SMART.

COMMEND products are developed and manufactured by Commend International in Salzburg, Austria.

The development and manufacturing processes are certified in accordance with **EN ISO 9001:2008**.

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