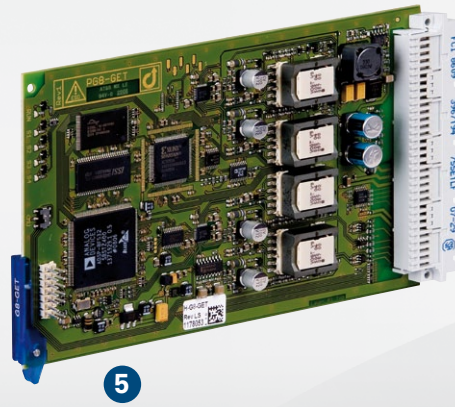
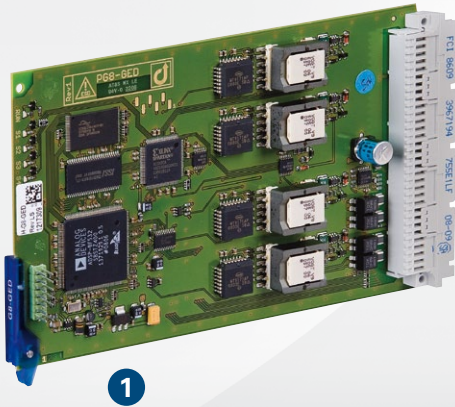


## G8-GED | G8-GET



## Subscriber Cards G8-GED | G8-GET

All station specific functions are handled by the subscriber cards. The subscriber cards are available in different feature levels: B, C, D and P. The cards of the higher levels contain

all the features of the lower ones plus additional features. An overview of the features is available separately.

1. **G8-GED-4B (Rev. AC)**

Subscriber card for connection of four digital Intercom stations via 2 wires. Up to 14 digital subscriber cards can be used in a GE 800 Intercom Server. Per subscriber in the Intercom Server GE 800 one simultaneous conversation is possible (non-blocking).

2. **L8-GED-4C**

License upgrade to feature level C (advanced intercom).

3. **L8-GED-4D**

License upgrade to feature level D (control desk intercom).

4. **L8-GED-4P**

License upgrade to feature level P (variable/mixed feature levels).

5. **G8-GET-4B (Rev. AC)**

Subscriber card for connection of four analogue Intercom stations via 4 wires. Up to 14 analogue subscriber cards can be used in a GE 800 Intercom Server. Per subscriber in the Intercom Server GE 800 one simultaneous conversation is possible (non-blocking).

6. **L8-GET-4C**

License upgrade to feature level C (advanced intercom).

7. **L8-GET-4D**

License upgrade to feature level D (control desk intercom).

8. **L8-GET-4P**

License upgrade to feature level P (variable/mixed feature levels).

9. **L8-GET-DSP**

License upgrade for DSP-features.

## Technical Data – Benefits

### TECHNICAL DATA G8-GED

|                              |                                                        |
|------------------------------|--------------------------------------------------------|
| Operating temperature range: | 0° C to +50° C<br>(32° F to 122° F)                    |
| Storage temperature range:   | –30° C to +60° C<br>(–22° F to 140° F)                 |
| Relative Humidity:           | 20% to 80%                                             |
| Plug:                        | 96-way PC board connector according to DIN 41612       |
| Power supply:                | from Intercom Server                                   |
| Emergency power consumption: | minimum: 160 mAh (idle)<br>maximum: 220 mAh (all call) |
| Cabling:                     | 2 wires (1 pair) per subscriber                        |
| Measurements:                | 100 x 167 mm (3.94 x 6.58 inch)                        |
| Weight including package:    | 220 g (0.5 lbs)                                        |

### TECHNICAL DATA G8-GET

|                              |                                                        |
|------------------------------|--------------------------------------------------------|
| Operating temperature range: | 0° C to +50° C<br>(32° F to 122° F)                    |
| Storage temperature range:   | –30° C to +60° C<br>(–22° F to 140° F)                 |
| Relative Humidity:           | 20% to 80%                                             |
| Plug:                        | 96-way PC board connector according to DIN 41612       |
| Power supply:                | from Intercom Server                                   |
| Emergency power consumption: | minimum: 160 mAh (idle)<br>maximum: 220 mAh (all call) |
| Cabling:                     | 4 wires (2 pair) per subscriber                        |
| Measurements:                | 100 x 167 mm (3.94 x 6.58 inch)                        |
| Weight including package:    | 220 g (0.5 lbs)                                        |

### SYSTEM REQUIREMENTS

G8-GED / G8-GET as of Rev. AC (= Generation 3 in CCT 800):

- Intercom Server Software min. PRO 800 3.1
- Configuration Software min. CCT 800 3.1

### EXTENT OF SUPPLY

- G3-GED including short reference
- G3-GET including short reference

### BENEFITS G8-GED

- G8-GED-4B, Upgrade of cards also possible via license
- 16 kHz audio bandwidth (depending on station type)
- Possible CODECs: G.722e or G.711e
- Volume depends on Intercom Terminal
- Mixing function for up to 8 audio channels (like GED-DSP)
- Speech Storage G8-GED as of Rev. AC:
  - 8 MB flash (7.5 MB audio memory)
  - Up to 450 seconds at 16 kHz / maximum of 90 seconds per audio file
  - Up to 900 seconds at 7 kHz / maximum of 180 seconds per audio file
  - A maximum of 120 pre-recorded audio files per G8-GED

### BENEFITS G8-GET

- G8-GET-4B, Upgrade of cards also possible via license
- 16 kHz audio bandwidth (depending on station type)
- Possible CODECs: G.722e or G.711e
- Higher volume: +6 dB for all analogue Intercom terminals (e.g. EE 411)
- Mixing function for up to 8 audio channels
- DSP Features with licence "L8-GET-DSP":
  - Tone generator
  - Loudspeaker/microphone Surveillance
  - Automatic volume control
  - Audio Monitoring
- Speech Storage G8-GET as of Rev. AC:
  - 8 MB flash (7.5 MB audio memory)
  - Up to 450 seconds at 16 kHz / maximum of 90 seconds per audio file
  - Up to 900 seconds at 7 kHz / maximum of 180 seconds per audio file
  - A maximum of 120 pre-recorded audio files per G8-GET



SECURITY AND COMMUNICATION

# Installation

## PRECAUTIONS

- ESD precautions must be observed.
- Cards may be inserted or removed only with voltage switched off.
- Mounting and installation of the Intercom Server and of the equipment may be carried out by authorised service personnel only.

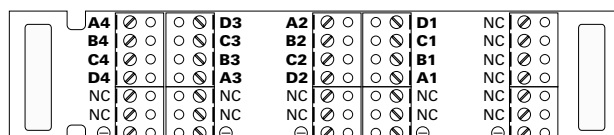
## INSTALLATION

- Subscriber cards can be installed in the slots 1 to 14 of the Intercom Server GE 800, a maximum of 14 cards can be used per housing.
- With 2-wire subscriber cards G8-GED-4 only A and B are connected for each subscriber.
- For connection of the subscriber cards different installation boards are available. These installation boards are not included in the extent of supply and have to be ordered separately.

## INSTALLATION BOARD G8A-K

Installation board G8A-K for a single subscriber card with plugable screw-terminals. This installation board occupies one plug-in unit at the rear of the central.

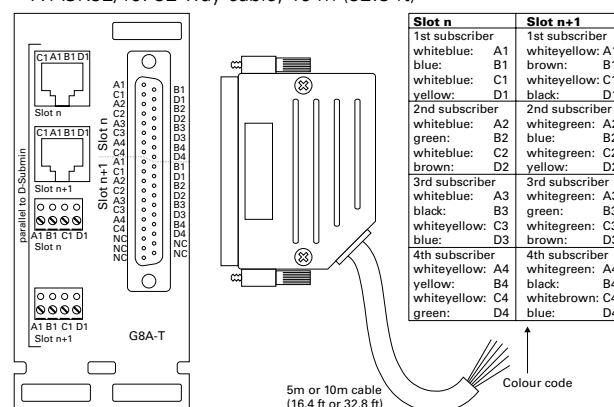
G8A-K



## INSTALLATION BOARD G8A-T

For two subscriber cards which are inserted side by side, a common installation board can be used. The installation board G8A-T is equipped with a 37-way D-Submin plug and occupies two plug-in units at the rear of the central. For connection to the distribution board prefabricated cables are available:

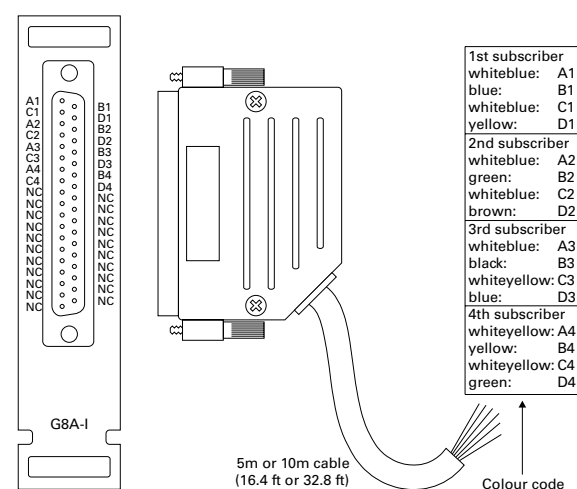
- X-ASK32/5: 32-way cable, 5 m (16.4 ft)
- X-ASK32/10: 32-way cable, 10 m (32.8 ft)



## INSTALLATION BOARD G8A-I

Installation board G8A-I for a single subscriber card with a 37-way D-Submin plug; occupies one plug-in unit at the rear of the Intercom Server. For connection to the distribution board prefabricated cables are available:

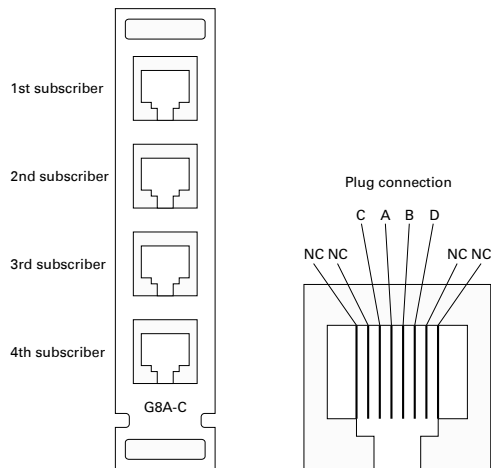
- X-ASK32/5: 32-way cable, 5 m (16.4 ft)
- X-ASK32/10: 32-way cable, 10 m (32.8 ft)



# Installation

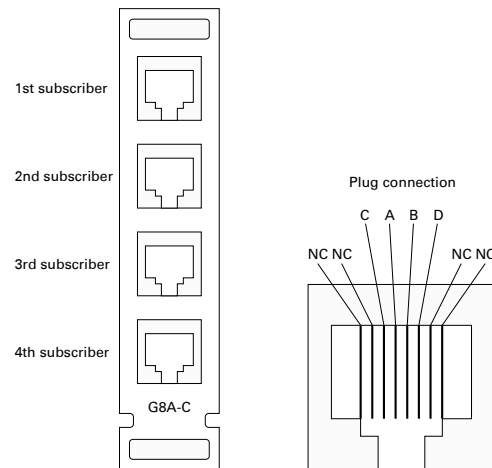
## INSTALLATION BOARD G8A-C

Installation board G8A-C for a single subscriber card with four RJ45 sockets. This installation board occupies one plug-in unit at the rear of the central.



## INSTALLATION BOARD G8A-C

Installation board with optional possibility of connecting an additional power supply for digital stations via the subscriber line.



### Attention:

- In order to activate the connected power supply per subscriber the **two** jumpers next to the subscriber socket must be set to **PWR**.
- It is not allowed to connect analogue stations when the power supply of the sockets is activated! This would destroy the connected station!

## 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 9001:2015**.

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## A STRONG WORLDWIDE NETWORK

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