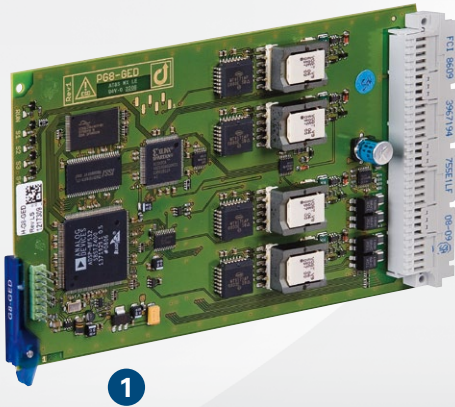
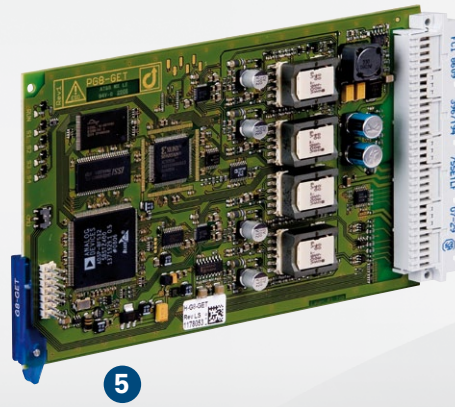


G8-GED | G8-GET



1



5

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 (32° F to 122° F) |
| Storage temperature range: | -30° C to +60° C (-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) 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 (32° F to 122° F) |
| Storage temperature range: | -30° C to +60° C (-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) 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



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.

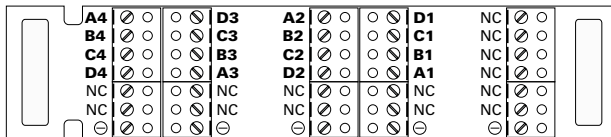
INSTALLATION

- 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.

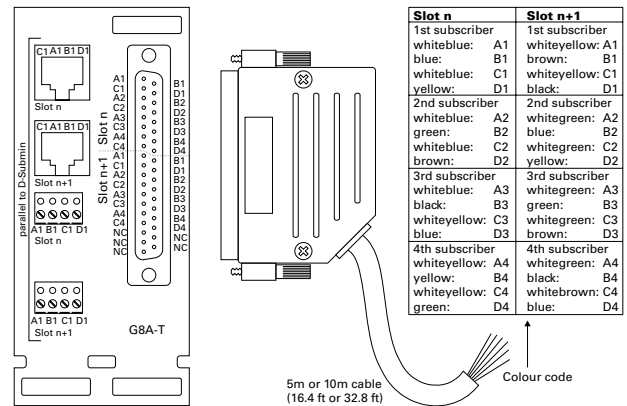
G8A-K



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:

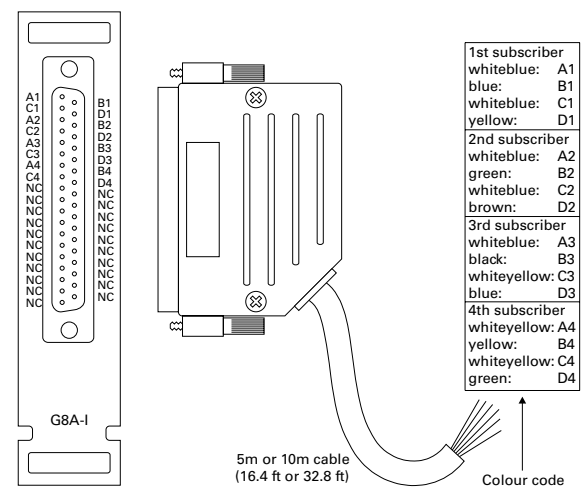
- X-ASK32/5: 32-way cable, 5 m (16.4 ft)
- X-ASK32/10: 32-way cable, 10 m (32.8 ft)



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:

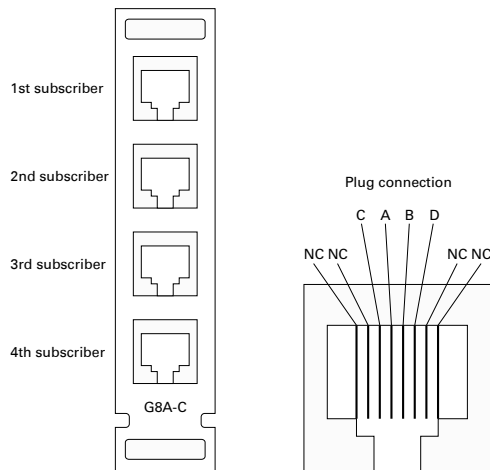
- X-ASK32/5: 32-way cable, 5 m (16.4 ft)
- X-ASK32/10: 32-way cable, 10 m (32.8 ft)



Installation

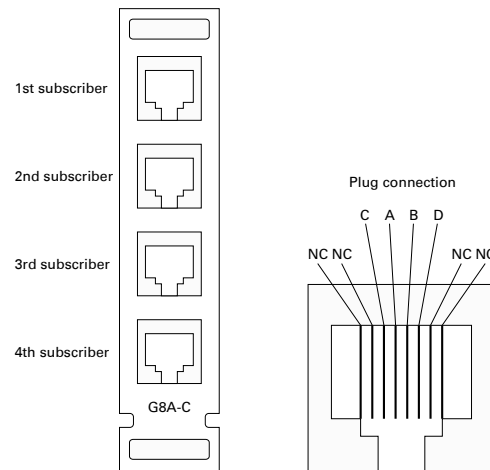
INSTALLATION BOARD G8A-C

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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