

GE 800



Digital IP-Intercom Server GE 800

Both the hardware and the software concept of the GE 800 Intercom Servers incorporates state-of-the-art technology. All digital and with distributed intelligence the GE 800 Intercom Server administers up to 112 IP-subscribers (or 56 digital or 56 analog). Interaction of all the peripheral devices and cards is controlled by a central processing unit. Each plug-in card or interface has its own front-end processor for

controlling its particular features and facilities.

The operating system of the GE 800 is programmed using the latest, object-oriented software. This means that all present and future requirements in the fields of Intercom systems, security systems, facilities management, etc. can be met - fully digitally and on a IP-basis.

GE 800

Basic central unit including transformer for power supply (depending on version), with bus pcb for 17 plug-in slots: processor card, connection card, power supply card, slot 1 to 14 available for subscriber cards (up to 112 subscribers) and/or interface cards, slot A and B for interface cards only. The basic central unit includes an AF input for music/alarm, 2 inputs for floating contacts, 2 relay outputs and two ethernet sockets and one RS232 socket for (remote) programming or maintenance.



Technical Data – Benefits

TECHNICAL DATA

AC power supply:	24 V +/- 5% / 80 VA
DC power supply:	24 - 35 V / 80 W
Emergency power consumption:	200 mAh/h for G8-GEN, G8-NET, G8-GEP, G8-GEB other cards see corresponding data sheet
Frequency range:	200 – 16,000 Hz
Distortion:	less than 0.9%
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%
Measurements of the housing:	483 x 133 x 229 mm (19.03 x 5.24 x 9.02 inch)
Weight including package:	5,840 g (12.87 lbs)
Mounting:	19" , 3 HU
Relay outputs:	max. switching capacity: 60 W / 125 VA, max. switching current: 2A max. switching voltage: 60 VDC / 40 VAC
Music input:	max. 800 mV at 600 Ohm
Inputs IN1, IN2:	for floating contacts, max. line resistance: 1.5 kOhm

EXPANSION

	Subscriber:	Outputs:	Inputs:
Basic expansion:	0	2	2
Maximum expansion per central housing:	112	226	226
Maximum expansion (120 housings)	26,768	30,000	30,000

BENEFITS

- Digital IP-Intercom Server (voice, video, indication and control).
- Integration of other systems via Ethernet and V24 interfaces with own protocol converter.
- The central housing and connecting technology is specially designed to the requirements of 19" racks.
- More than 150 standard features (a detailed list is available separately)
- Latest intercom technology: microprocessor-controlled, high density design, SMD production, object-orientated programming.
- For all kinds of intercom stations (IP, 2-wire and 4-wire).
- Digital networking over IP, 2 or 4-wire lines, E1 or ISDN.
- Non-blocking
- Integrated functions for door/gate control, alarms, conferences and central control desks.
- Plug&Play video integration.
- Expandable from 2 to max. 5,760 subscribers without restrictions (up to 30,000 subscribers with restrictions).
- User-friendly configuration with included PC software.

EXTENT OF SUPPLY

1 Intercom Server GE 800 in basic expansion, including:

- 19" housing (3 height units)
- G8-GEN power supply card (incl. installation board G8A-GEN)
- G8-GEP processor card
- G8-NET connection card (incl. installation board G8A-NET, 1m / 3.3ft cable)
- Depending on Variant: PA 700 transformer incl. mounting set for DIN rail TS 35
- Tool for removing of installation boards
- CD "Software & Manuals"



COMMEND

A strong Partner Network | Worldwide

Europe

SWITZERLAND	Commend AG
:	Tel. +41-44-955 02 22
:	www.commend.ch
FRANCE	Commend France S.A.S.
:	Tel. +33-149 18 16 40
:	www.commend.fr
SPAIN	Commend Iberica S.L.
PORTUGAL	Tel. +34-91-395 24 98
:	www.commend.es
ITALY	Commend Italia s.r.l.
:	Tel. +39-035-95 39 63
:	www.commend.it
NETHERLANDS	Commend Nederland B.V.
BELGIUM	Tel. +31-76-200 01 00
:	www.commend.nl
AUSTRIA	Commend Österreich GmbH
CROATIA	Tel. +43-1-715 30 79
SERBIA	www.commend.at
SLOVENIA	
RUSSIA	
SLOVAKIA	Commend Slovakia spol. s r.o.
CZECHIA	Tel. +421-2-58 10 10 40
:	www.commend.sk
UNITED KINGDOM	Commend UK Ltd
IRELAND	Tel. +44-1279-45 75 10
:	www.commend.co.uk
POLAND	C&C Partners Telecom Sp.z o.o.
:	Tel. +48-65-525 55 55
:	www.ccpartners.pl
SWEDEN	JNT Sound System AB
NORWAY	Tel. +46-8-99 30 60
FINLAND	www.jnt.se
DENMARK	
ISLAND	
GERMANY	Schneider Intercom GmbH
LUXEMBOURG	Tel. +49-211-88285-333
RUSSIA	www.schneider-intercom.de

America

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

Asia

CHINA	Commend Business Hub China
:	Isolectra China
:	Tel. +86-21-52 13 19 28
:	www.isolectra.com.cn
MALAYSIA	Commend Business Hub Malaysia
:	Isolectra (M) Sdn Bhd
:	Tel. +603-7846-9988
:	www.isolectra.com.my
SINGAPORE	Commend Business Hub Asia
:	Isolectra Far East Pte. Ltd
:	Tel. +65-6272-2371
:	www.commend.com.sg

Middle East

ISRAEL	Sberlophone Ltd
:	Tel. + 972-4-834 10 32
:	www.sberlophone.co.il

Oceania

AUSTRALIA	Commend Australia
NEW ZEALAND	Tel. +61-3-9755-3947
:	www.commend.com.au

Other countries

:	Commend International GmbH
:	Tel. +43-662-85 62 25
:	www.commend.com



SECURITY AND COMMUNICATION