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## Operator Panels

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Mimic panels

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Touch panels

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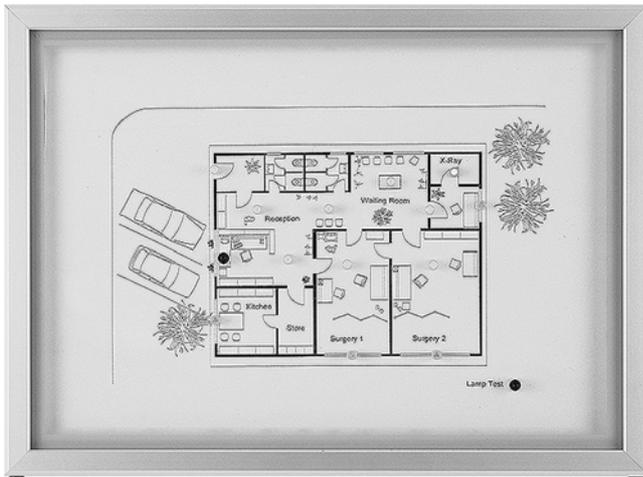
For further technical information  
please refer to the GAMMA building  
management systems manual or visit  
our Web site at:

<http://www.siemens.de/gamma>

# Operator Panels

## Mimic panels

### Overview



Freely designable panelboard presentation interface with control elements and indicators.

For example, a layout plan drawn on paper can be inserted in a frame. The control elements and indicators are inserted at the places marked in the layout plan and individually contacted on the rear panel with plug-in connectors. The connecting cables are connected to the electronics.

A front panel of transparent and scratch-proof polycarbonate covers the panelboard surface for protection against mechanical influences.

Two panelboard sizes are available as standard. The panelboards can be surface-mounted and flush-mounted. A flush-mounting box is available as an accessory for flush mounting.

The basic scope of delivery of the panelboard includes the aluminum enclosure with front panel, the control electronics with 6 red LED indicators and 2 binary inputs for microswitches that can be used as an anti-theft device.

A maximum of 7 expansion modules can be connected to control electronics in the panelboard. Parameterization of the individual LED indicators and control elements is performed with the ETS software. In addition to the KNX *EIB* bus connection, you also require a 230 V AC, 50 Hz to 60 Hz power supply.

### Selection and ordering data

Dimensions H × W × D mm	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
<b>Mimic panel DIN A 3</b> (to be discontinued) with control electronics, including 6 red LEDs 352 × 475 × 90	<b>5WG1 331-3AB01</b>		030	4.300	1
<b>Flush-mounting box DIN A 3</b> (to be discontinued) 362 × 485 × 105	<b>5WG1 331-2AB01</b>		030	5.500	1
<b>Mimic panel DIN A 2</b> (to be discontinued) with control electronics, including 6 red LEDs 475 × 649 × 90	<b>5WG1 331-3AB11</b>		030	6.800	1
<b>Flush-mounting box DIN A 2</b> (to be discontinued) 485 × 660 × 105	<b>5WG1 331-2AB11</b>		030	5.500	1
<b>Expansion modules</b> (to be discontinued)					
<b>for LEDs</b> 16 outputs	<b>5WG1 332-8AB01</b>		030	0.135	1
<b>for control elements</b> 8 inputs	<b>5WG1 332-8AB11</b>		030	0.150	1
<b>Signal generator</b>	<b>5WG1 332-8AB61</b>		030	0.055	1
<b>LED indicators for expansion</b> (to be discontinued) (1 set = 16 LEDs)					
Color: red	<b>5WG1 333-8AB01</b>		030	0.135	1 set
yellow	<b>5WG1 333-8AB11</b>		030	0.130	1 set
green	<b>5WG1 333-8AB21</b>		030	0.130	1 set
<b>Control elements for expansion</b> (to be discontinued) (1 set = 8 control elements)	<b>5WG1 334-8AB01</b>		030	0.130	1 set
<b>Extension set</b> (to be discontinued)					
<b>for LEDs</b> 16 LEDs, 2-pole, 40 cm	<b>5WG1 338-8AB21</b>		030	0.080	1 set
<b>for control elements</b> 8 control elements, 4-pole, 40 cm	<b>5WG1 338-8AB31</b>		030	0.080	1 set
<b>Anti-theft device</b> (to be discontinued) 2 micro contacts	<b>5WG1 335-8AB01</b>		030	0.050	1

### Selection and ordering data

Dimensions H x W x D mm	Color	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
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### Touch Manager wave



Central unit for operating and observing an electrical installation on the basis of KNX-RF with:

- 5.7" touch display with background lighting
- Real-time clock
- Interfaces
  - Ethernet connection
  - Radio coupling.

The following are supported:

- up to 70 actuator channels from *EIB-TP* and KNX-RF devices
- up to 40 sensor channels from *EIB-TP* and KNX-RF devices
- up to 7 room temperature controllers (currently only available as *EIB-TP* devices) with a total of approx. 50 convenient heating periods
- up to 16 scenes with a total of approx. 200 actuator channels and triggers (control keys of Touch Manager, external sensors or times), as well as additional direct gateway connections between GAMMA wave and GAMMA *instabus* devices.

The exact values depend on the size of the memory available, i.e. largely from the type and number of the channels to be managed through Touch Manager.

The following can also be displayed

- alarms of smoke detectors
- images of a connected WebCam
- the status of lighting and other switchable devices
- the status of door/window contacts
- the battery status and faults during communication of battery-powered KNX-RF devices
- the quality of radio transmission of individual KNX-RF devices.

Further functions

- Date and time synchronization via *EIB-TP* or Ethernet
- Cyclical transmission of date and time over *EIB-TP*
- Receipt and indication of outer temperatures over *EIB-TP*
- Relaying of alarms and other indications through email.

In connection with any data terminal equipment with an Internet browser (Microsoft Internet Explorer, Version 4.0 or higher, we recommend Microsoft Internet Explorer, Version 6.0 or higher), which is connected to the same local network as Touch Manager, Touch Manager wave can be used to remotely control the connected bus system and the Touch Manager wave can be remotely parameterized.

If the network is correctly equipped and configured, remote control and remote parameterization is also possible over the Internet. In this case, the special user page "My Page" can also be displayed and operated from a WAP-capable cell phone.

In connection with a server, additional services can also be offered over Touch Manager wave. These services are only restricted by the limits of the server and the display options of the Touch Manager wave.

The device should only be mounted in flush-mounted boxes, which can be ordered separately (Kaiser, <http://www.kaiser-elektro.de>).

Order Nos.:

Flush-mounting junction box: Order No. 1097-92

Junction box for cavity wall: Order No. 9197-91

222 x 257 x 56

#### UP 580

Monochrome display

silver

**5WG3 580-2AB71**

030

1.500

1

#### UP 581

Color display

silver

**5WG3 581-2AB71**

030

1.500

1

Following devices also offer:

- Interfaces:
  - KNX *EIB-TP* connection
  - Date and time synchronization over KNX *EIB-TP*
  - Cyclical transmission of date and time to the KNX *EIB-TP*

#### UP 582

Monochrome display

silver

**5WG3 582-2AB71**

030

1.500

1

#### UP 583

Color display

silver

**5WG3 583-2AB71**

030

1.500

1

# Operator Panels

## Touch panels

	Dimensions H x W x D mm	Color	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
<b>Touch panel vision</b>							
 <p>UP 588 vision graphic touch panel with screen diagonal of 5,5" (approx. 14 cm). The display has a resolution of 320 x 240 pixel and is backlit. The operator interface is equipped as a touch matrix with 10 x 6 fields. An acoustic feedback is possible when the operator interface is actuated.</p> <p>The display has 7 display levels with up to 10 function fields.</p> <p>A function field consists of:</p> <ul style="list-style-type: none"> <li>• one text field (up to 10 characters),</li> <li>• one status field in symbolic or plain-text form and</li> <li>• one keypad with up to two buttons.</li> </ul> <p>A cavity wall box is included in delivery. Mounting depth in the box 53 mm.</p> <p>156 x 190 x 58</p>							
	Power supply 230 V AC 50 Hz						
	<b>UP 588</b>	green background lighting	<b>5WG1 588-2AB01</b>		030	0.725	1
	<b>UP 588/11</b>	white background lighting	<b>5WG1 588-2AB11</b>		030	0.750	1
	Power supply 24 V AC/DC						
<b>UP 588/21</b>	white background lighting 	<b>5WG1 588-2AB21</b>		030		1	
<b>Design frame for Touch Panel</b>							
Anodized aluminum							
151 x 186 x 3			<b>5WG1 588-8AB01</b>		030	0.128	1