

## Mounting

### Application

The DoorCom ISDN DCI 600-... in a 6-grid switch panel housing is used as an interface between the Siedle door communication systems YR system bus, wire-saving 1+n system or Siedle Multi system and an S0 bus. The DCI 600-... behaves towards the door in precisely the same way as an HTS/HTC 711-..., BTS/BTC 750-... or HT 641-... to HT 644-... and is bound by the same system limitations (number of subscribers, range). The IT 740-... is always required when combining Siedle Multi with DCI 600-....

For technical details, please refer to Product Information IT 740-...

The power supply to the DCI 600-... must take place exclusively via the NG 602-... or TR 602-....

The DCI 600-... can be operated in the countries D, GB, F, I, NL, DK, B, CH and A and at an S0 bus in accordance with the E-DSS1 standard.

At Siedle, we recommend always connecting the DCI 600-... to an internal S0-Bus (in accordance with E-DSS1) of an ISDN telecommunication system.

Depending on which door communication system you use, up to three call buttons or up to 31 users can be managed by the DCI 600-... .

For each connected call button or user, an optional call number (max. 22 digits) can be issued. Door release and light actuation take place by means of multiple frequency dialling via the used system. Other switching / remote control functions are possible via system-linked accessories.

If there are several DCI 600-... units present in the system, each must have its own separate power supply.

### Remark relating to the declaration of conformity.

We, S. Siedle & Söhne, hereby declare that this device is in agreement with the underlying requirements and other relevant stipulations of the 1999/5/U (RTTE) directive. The declaration of conformity

can be accessed in the download sector of the internet address [www.Siedle.de](http://www.Siedle.de)

This device is used for connection via public telephone networks. It can be operated in those European digital ISDN networks which correspond to the E-DSS 1 standard. Please contact your dealer or telephone provider if you are not sure whether your telephone connection is E-DSS 1 compatible.

### Conductor routing

In order to comply with the General Safety Requirements for telecommunication systems as laid down by VDE 0100 and VDE 0800, and to avoid interference, ensure that heavy and light current conductors are separately routed. See also the relevant national regulations. A distance of 10 cm must be observed. The conductor from the door loudspeaker must be laid directly to the main terminal box without branching.

Do not mount devices in the boiler room.

### Note!

**Electrical devices may only be installed by suitably qualified electricians.**

### Range

The maximum range between the NG 602-... and the DCI 600-... is 20 m with an 0.8 mm core diameter. In case of greater distances, the DCI 600-... must be separately supplied via an additional NG/TR 602-... .

### Installation

**1** Mount the DoorCom ISDN on the top-hat rail (distribution)

**2** Surface mounting with ZN 402-01

**3** Wiring diagram **AS-T-64-1**  
DCI 600 -...

**4** Wiring diagram **AS-TYR-1/1** with DCI 600 -...

**5** Place UAE in opposition to IAE

### Remarks relevant to the circuit diagram

**a)** Up to max. 4 illuminated Vario modules, the TR 602 can be omitted, b and c are connected at the NG 602-...

**z)** The max. range between the NG/TR 602-... and the DCI 600-... is 20 m with an 0.8 mm core diameter. The supply cable must be laid directly from the NG/ TR 602-... to the DCI 600-... .

### Terminal assignment

1	= System core 1 in the 1+n-System
7.1	= Call input 1
7.2	= Call input 2
7.3	= Call input 3
Ta, Tb	= YR system bus
N1, N2, g	= IT- Multi door interface
Da, Db	= Siedle Vario bus
1a, 1b, 2a, 2b	= So bus
A1, A1	= Output (Programming of the output is multi-functional)
E1, E1	= Input (Programming of the input is multi-functional)
NF, in	= Input for speech generator (speech generator in preparation)
b/c	= Supply 12 V AC

### Specifications

- Supply voltage: 12 V AC from NG 602-... or TR 602-...
- Current consumption max. 150 mA
- Dimensions: 107 x 89 x 60 mm (6 grid)

## Commissioning Programming

### Guideline to fast, trouble-free commissioning of the

Siedle DoorCom ISDN DCI 600-... at an internal S0 bus of an ISDN telecommunication system (ISDN TC system).

### Operating and display elements

There are two LEDs and a pushbutton available for use as operating and display elements.

The two LEDs are used to display the operating modes:

**Green LED on constantly =**

Operational

**Green LED blinking =**

Software downloading

**Red LED on constantly =**

Error

**Red LED blinking constantly =**

No executable program

**Red LED flashing =**

Programming enable status

### Commissioning

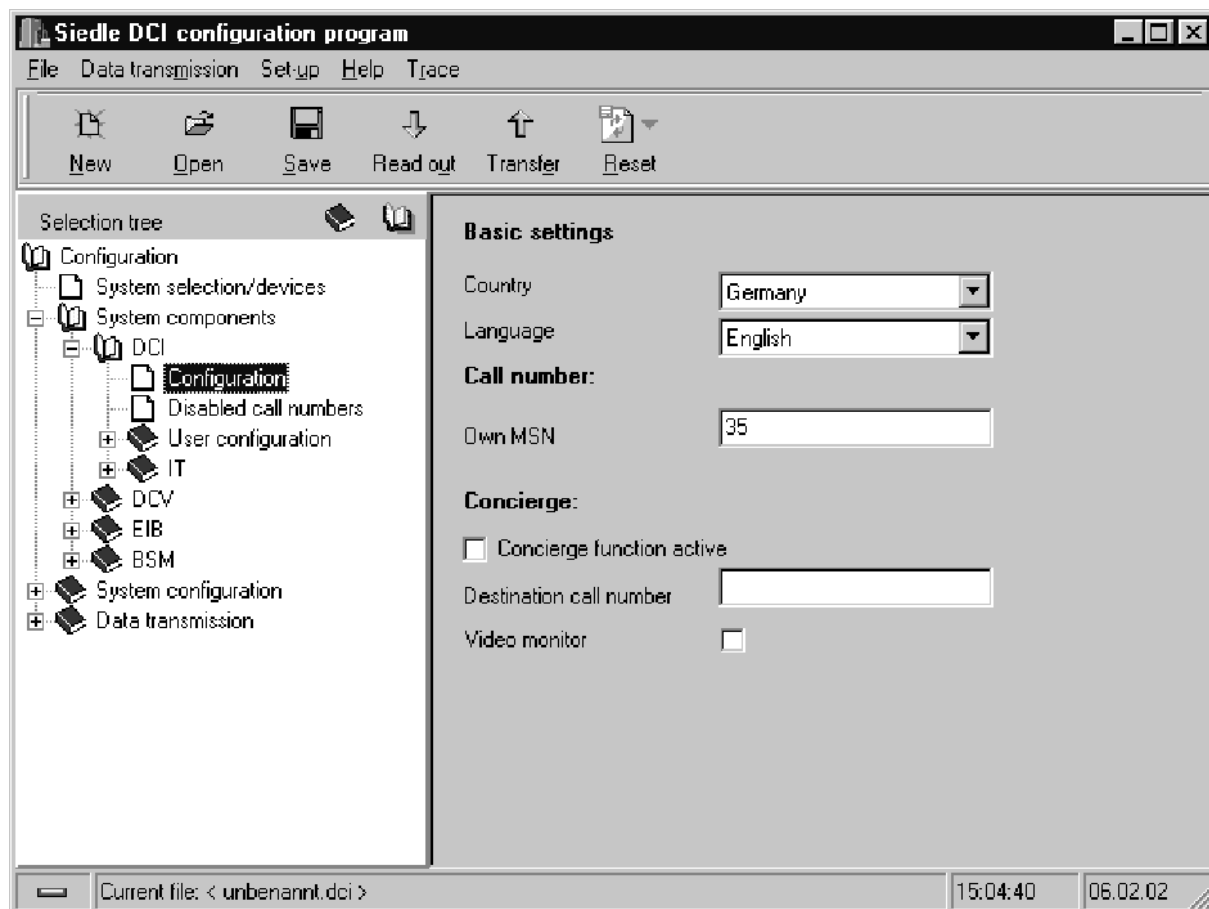
- Installation of the entire system is completed and free of faults.
- Connection of the DCI to an internal S0 bus of an ISDN TC system has taken place.

### Programming

Insert the supplied CD with the programming software in the CD drive. Autorun will start the installation automatically, or alternatively start the installation manually by double clicking on Setup.exe. DoorCom **must** be programmed with a PC, whereby three different interfaces are available.

- RS485 with our PRI 602-0
- RS232 programming interface with PC directly on site.
- Remote configuration via the public network.

For remote configuration, however, a call number must have been previously programmed under "Own MSN" to allow the DCI to be dialled.



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### **PC programming on site**

The RS485 with our PRI 602-0 or RS232 programming interfaces permit access to the overall data record and so to all programmable settings of the DoorCom. For reading and writing the configuration data, the PC program identifies itself as the Siedle program and has full access rights to the configuration.

### **Remote programming**

Remote configuration via the public network interface exercises the same access rights to the configuration data as the RS485/RS232 interfaces.

The remote configuration or remote update is enabled using the button. After reading out the configuration data or after a download, the enable status is reset again. If no connection is established, the enable status is automatically cancelled again after 10 minutes.

### **PC system requirements for installation of the configuration program**

Computer at least 486, CD-ROM drive with drawer.

#### **Slot-IN drives are not admissible!**

Working memory: at least 64 MB  
User interface: Windows 95, 98, ME, NT or 2000, Internet Explorer at least 4.0

Programming software with Internet Explorer 5.5 SR2 on CD (8 cm) and adapter cable are provided.

### **Technical hotline and advice**

on the DoorCom ISDN, DCI 600-...  
Tel. +49 7723/63 420

## Audible tones

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Depiction of the audible tones which are generated on operation of the DCI and provide information on call signals.

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### ID tone 1 (2-tone chime)



### ID tone 2 (3-tone chime)



ID tone 1 and 2 can be assigned for example to two different doors.

ID tone also always sounds when you call the DCI 600.

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### Signalling tone



Sounds when convenience functions have been defined during programming and these are active (e.g. call rerouting, chain call or doormatic function). However, this must have been previously set up.

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### Active tone



### Passive tone



The active/passive tone sounds cyclically per status enquiry.

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### Positive acknowledgement tone



Sounds after a function has been correctly performed.

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### Negative acknowledgement tone



Sounds when a function has been incorrectly entered

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### Storey call



Sounds on a door call from the storey door

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Possible enquiries:  
(Only with existing DCI telephone connection)

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# 3rr      Sensor 1 to 12

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# 4rr      Actuator 1 to 12

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# 41x      Concierge function

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# 420      Multifunction relay

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# 320      Multifunction input

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After selecting the function, e.g. #2221 for switching on actuator 2, a positive acknowledgement tone sounds as a sign that the function has been correctly executed. If the function is not carried out because you do not have the necessary entitlement, for example, a negative acknowledgement tone sounds.