TCS®

Product information

Series AMI

Bell button module
AMI1090x

AMI10901 1 button
AMI10902 2 buttons
AMI10903 3 buttons
AMI10904 4 buttons

Note on the validity of this product information

This product information states specific information on the modules.
It is only valid in combination with the enclosed product information *Modules of the series AMI in front-door stations*.

Table of contents

Scope of delivery

1 x bell button module AMI1090x
3 x spacer foil 0.5 mm
1 x connection cable with 4 pins
4 x mounting nut M4
1 x win:clip^TM key
1 x nameplate foil
   product information bell button module AMI1090x
   product information Modules of the series AMI in front-door stations

Intended use

- The bell button modules AMI1090x are modules for the front-door stations of the series AMI.
- They are suitable to carry name tags and as push button (e.g. to trigger door calls).
- They can be used only in combination with a display module AMI1010x, a built-in door loudspeaker module AMI11100 or a codelock module AMI11200 (TCS:BUS® connection necessary)!

Short description

- bell button modules in the variations with 1 to 4 buttons
- connection via the connection cable with 4 pins of the built-in door loudspeaker module or at the display module
- further connection for the outgoing connection to the next module
- white LED backlight
- indication of programming modes and device errors by different blink modes
- per bell button, the functions light, 2 x door call or control function can be programmed
- nameplate glass can be opened with the win:clip^TM system and be removed forwards

Technical data

| supply voltage	+24 V ± 8 % (power supply and control unit)
housing nameplate	aluminium, anodised acrylic glass
H x W x D	105 x 105 x 20 mm
weight	185 g
acceptable ambient temperature	−25 °C to +55 °C
input current standby	I(a) = 0.3 mA, I(P) = 4.5 mA
3-wire technique necessary!	

Overview
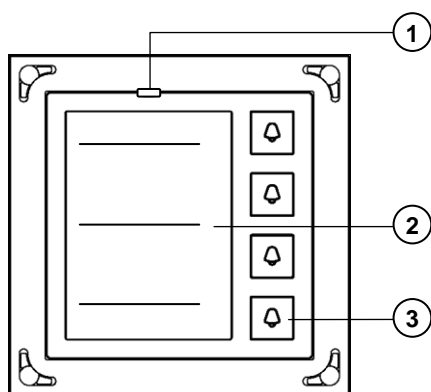
1 opening for win:clip™key

2 nameplate glass
with backlight

3 bell button

4 connections
built-in door loudspeaker-
module AMI11100 or a
module with connection
cable with 4 pins (e.g. code-
lock module AMI11200)
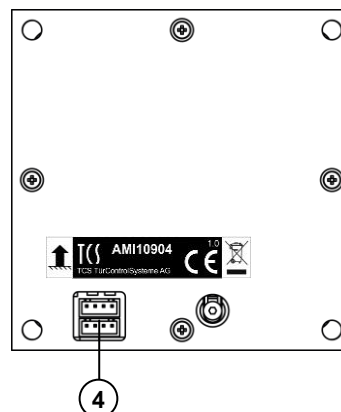
Connect the lines

Connect the module within the front-door station

After the installation in the front panel, the modules themselves have to be wired.
The bell button module can be connected to a built-in door loudspeaker module AMI11100
or to a module with connection cable with 4 pins.

### **…in connection with a built-in door loudspeaker module AMI11100**

Built-in door loudspeaker module
- Remove the cover of the service open-
  ing and the terminal cover.
- Guide the cable upwards from the ter-
  minals and push it slightly under the
  module housing. Plug the connection
  cable with 4 pins on the service socket
  in the service opening.
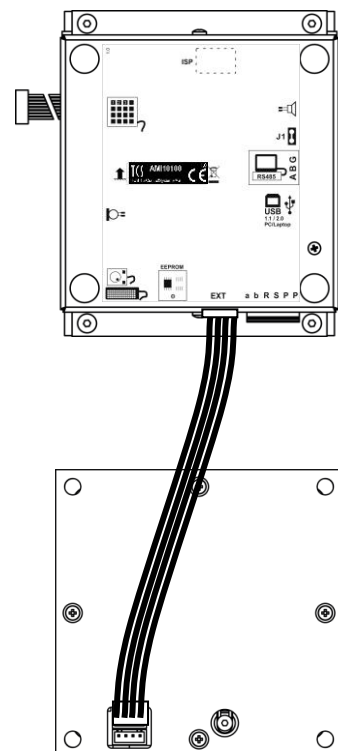- Close the service opening and the
  terminal cover.

Note on commissioning:
*The AS addresses of the bell button modules and
the built-in door loudspeaker module resp. the
display module must be identical to establish a
connection:*
- *Set all AS addresses to the same value and
  block the addresses.*
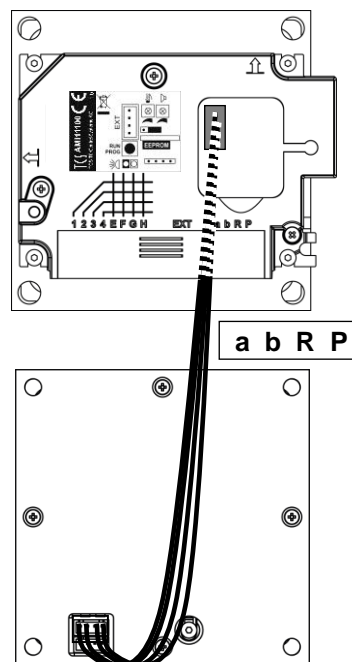
…in connection with a display module AMI1010x

Configuration

Factory settings

button assignment	switchting lights
AS address	0
backlight	ON
programming lock	OFF

Configuration options

	manual	TCSK-01	configo™ *as of 1.7.1*
delete a bell button (= assign a bell button with light switch function)	x	x	x
assign a bell button with door call to serial number 1	x	x	x
assign a bell button with door call to serial number 2	x	x	x
adjust the allocated AS address	-	x	x
set and reset the programming lock	-	x	x
send a control function	-	-	x

Programme bell buttons

Basic principle

- All devices at the TCS:BUS® have a unique serial number.
- When programming a bell button, the serial number is allocated to an indoor station and is stored in the EEPROM of the front-door station. Per bell button 1 or 2 indoor stations (serial numbers) can be allocated and called.
- If no serial number is allocated to a bell button (delivery state: deleted), lights can be switched by pressing this button.

Manual programming of a bell button

Ensure that the indoor station at the TCS:BUS® is connected and the mains voltage is switched on (the LED at the power supply and control unit is on).

Notes:

!	• Before an already programmed bell button can be programmed anew, the programming has to be deleted. • The AS addresses of the bell button modules and of the built-in door loudspeaker module resp. display module must be identical to establish a connection: Adjust the AS addresses to the same value and block the addresses. • The AS addresses of the bell button module AMI1090x can only be adjusted with the configuration software configo™ or the Service Device TCSK-01. Protocol digit when setting via TCSK-01: *76 # SNr. # AS #.

Legend

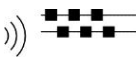| press button shortly	↗↙	negative acknowledge-ment (name plate blinks fast 5x)	▮▮▮▮▮
press button until	↙	positive acknowledgement (name plate is on shortly, then blinks again)	▮ ▮ ▮ ▮▮ ▮ ▮ ▮
release button	↗	Progsperr tone	))) ▬▬
ring tone	))) ▪▪▪	repeat	▶▶▶
period (e.g. 6 sec)	◀6s▶	continue	▶

1	**Initiate**	Switch off the programming mode <u>of the system</u>

power supply and control unit
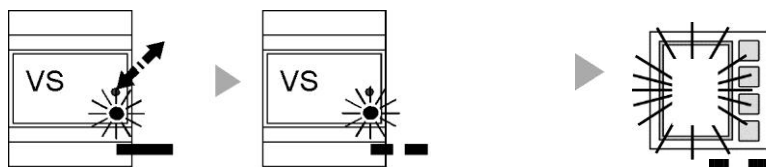
Shortly press the RUN/PROG button	LED blinks	Nameplate of the bell button module blinks. Programming mode <u>of the system is</u> switched on.

2a	Via voice connection
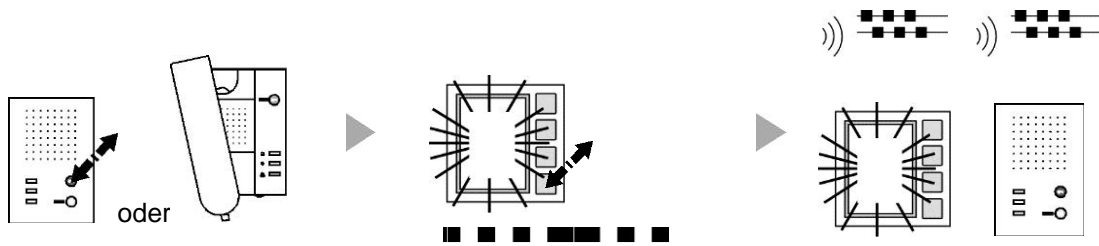
Establish voice connection to the front-door station	Shortly press the button, positive acknowledgement	... a ring tone sounds at the front-door and indoor station [1]

2b	alternatively: **via floor push button** (indoor station is not available)

Shortly press the floor push button two times, every time a ring tone sounds	Shortly press the button, positive acknowledgement	... a ring tone sounds at the front-door station and at the indoor station [1]

▶▶▶ Repeat the steps until all bell buttons are programmed.

3	End

Power supply and control unit

Shortly press the: RUN/PROG push button LED is on	Nameplate of the bell button module ON (or OFF). Programming mode <u>of the system</u> is switched off

1) If there is no response, the programming lock of the bell button module is activated. The programming lock can only be deactivated with a Service Device TCSK-01 or the configuration software configo^{TM}.

Programming a second indoor station to a bell button

If two indoor stations are to be called by pressing one bell button, the serial number of the second indoor station can be allocated additionally to this bell button.

Note:
A repeated programming of an already programmed bell button changes only the second serial number.

1	Initiate	Switch on the programming mode <u>of the system</u>

Power supply and control unit

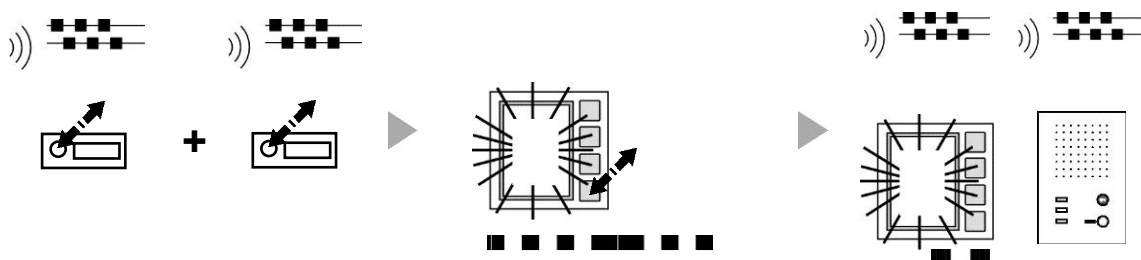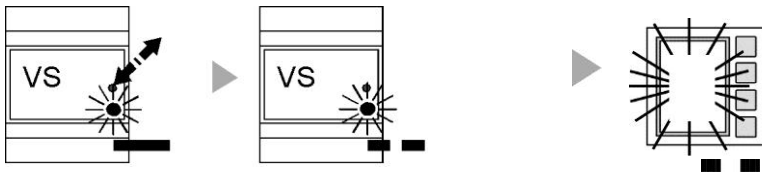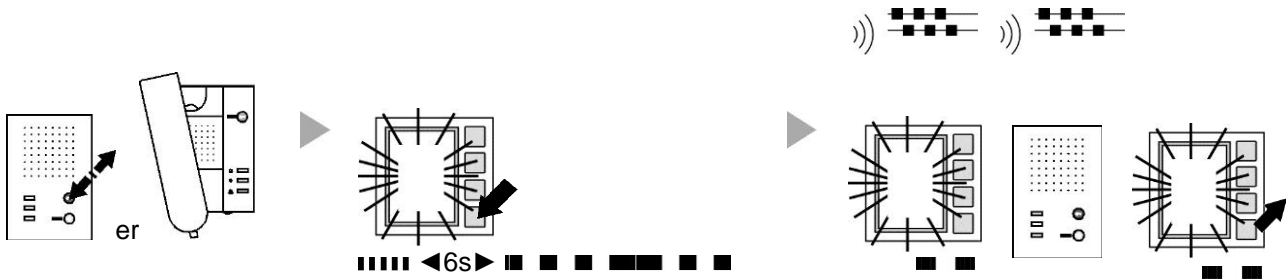| Shortly press the RUN/PROG push button	LED blinks	Namenplate of the bell button module blinks. Programming mode <u>of the system</u> is switched on

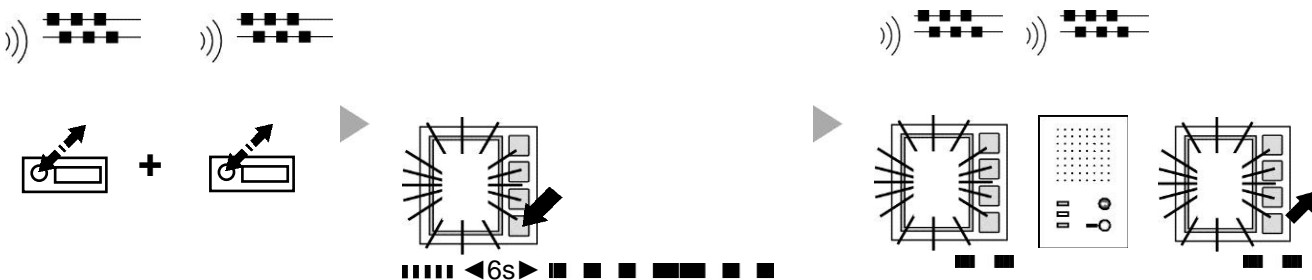| 2a	Via voice connection

Establish voice connection to the front-door station	Press button until the negative acknowledgement and positive acknowledgement	... and a ring tone at the front-door and indoor station sound[1]	Release

◄6s►

2b	alternatively: **Via floor push button** (indoor station is not available)

Press the floor push button two times, every time a ring tone sounds	Press the button until a negative acknowledgement and positive acknowledgement	... and a ring tone at the front-door and indoor station sound [1]	Release

◄6s►

▶▶▶   Repeat the steps until all bell buttons are programmed

3	End

Power supply and control unit

oder

Shortly press the RUN/PROG push button	LED is on	Namenplate of the bell button module ON (or OFF). Programming mode <u>of the system</u> is switched off.

1) If there sounds a Progsperr tone instead, a programming lock at the front-door station is activated. The programming lock can only be deactivated with a Service Device TCSK-01 or the configuration software configo[TM].

Delete the programming

Before an already programmed bell button can be programmed anew, the programming must be deleted.

1	**Initiate**	Switch on the programming mode <u>of the system</u>

Shortly press the RUN/PROG push button	LED blinks	Namenplate of the bell button module blinks. Programming mode <u>of the system</u> is switched on

2	**Delete a button**

▐▐▐▐▐ ◀6s▶ ▖ ▖ ▖ ▖▖▖ ▖ ▖

Press the button until a negative and positive acknowledgement tone sounds [1]	Release

3	**End**

oder

| Shortly press the RUN/PROG push button	LED is on	Nameplate of the bell button module ON (or OFF). Programming mode <u>of the system</u> is switched off.

1) If there sounds an Progsperr tone instead, the programming lock of the front-door station is activated. The programming lock can only be deactivated with the Service Device TCSK-01 or the configuration software configo[TM].

Label the nameplate

Please find the templates AMI1090x under
www.tcs-ami.de > Downloads > Beschriftungsvorlagen.

1. Enter the required names in the template.
2. Print the nameplate with a **laser printer** on the special
foil (included in the delivery) and cut it to size.
3. Push the cutted tag from the side into the pocket of the
nameplate glass.

* *You can order the foil directly at TCS:*
*Polyester foil which can be labeled for nameplates DIN A4.*
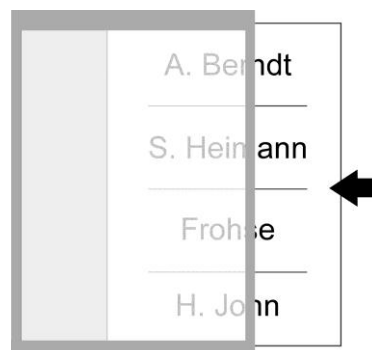
Open and close the module – the win:clip^{TM} system

The device is equipped with the win:clip^{TM} system, thus opening and closing can be real-
ised without any screws.

Open the module
1. Push the enclosed win:clip^{TM} key into the small ope-
ning.
Press the key into the opening until stop and keep it
in this position.
2. Push the nameplate glass slighty upwards until it
jumps out.
3. Remove the glass.
4. Remove the win:clip^{TM} key.
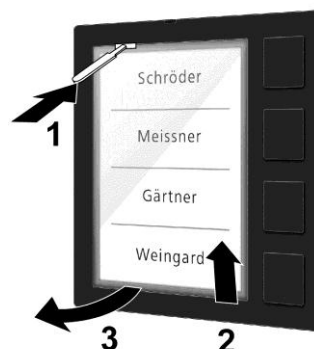
Close the module
1. Push the enclosed win:clip^{TM} key into the small ope-
ning.
Press the key into the opening until stop and keep it
in this position.
2. Push the nameplate glass from above under the
front panel.
3. Press the nameplate glass onto the device and push
it slightly downwards until it snaps in.
4. Remove the win:clip^{TM} key.
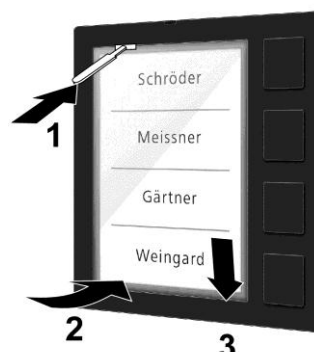
Accessory

Short text	Article number
Maintenance package	FBI1210-0
Laser film foil matt, A5 format	0031123

Service

Send your questions and inquiries to

hotline@tcsag.de