

4 wires

BELLCOME

TL Touch Line

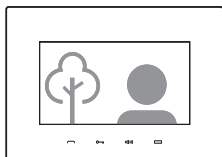
Audio **smart +**



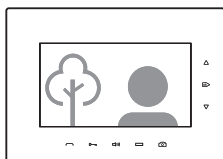
3.5" Video **smart +**



7" Video **smart +**



7" Video **advanced**



AUDIO & VIDEO TERMINALS
for TL door phone systems
User manual

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- | | |
|--|--|
| 1 Safety instructions | 6 Settings of the audio-video terminals |
| 2 Description of the audio-video terminals | 7 Programming the audio-video terminals |
| 3 Functions of the audio-video terminals | 8 Use of the outdoor panels |
| 4 Recommended cables. Installation. | 9 Maintenance of the door phone components |
| 5 Use of the audio-video terminals | 10 Warranty |

1 EN Safety instructions



Any intervention on the installation must be performed by **AUTHORIZED PERSONNEL!**

DO NOT power the product at 110 – 230 V.a.c.!

DO NOT hit the glass screen with hard objects!

If the glass screen is broken, **DO NOT** touch the product.

Protect the products against lime and dust during renovation activities.



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2 EN Description of the audio-video terminals

smart+ audio terminal ATM.0S402

ABS case
+ chemically toughened glass



170x96x22 mm

0,3 kg

0°C ... + 45°C

IP31

+U = 12 ... 14 Vd.c.

smart+ video terminal VTM.3S402

ABS case
+ chemically toughened glass



3.5" LCD TFT 320 (RGB) x 240

212x96x22 mm

0,4 kg

0°C ... + 45°C

IP31

+U = 12 ... 14 Vd.c.

smart+ video terminal VTM.7S402

ABS case
+ chemically toughened glass



7" LCD, TFT, 800 x 3 (RGB) x 480

◀/▶/▲/▼ - 60 / 60 / 40 / 60

162x227x20 mm

0,8 kg

0°C ... + 45°C

IP31

+U = 12 ... 14 Vd.c.

advanced video terminal VTA.7S902

ABS case
+ chemically toughened glass



7" LCD, TFT, 800 x 3 (RGB) x 480

◀/▶/▲/▼ - 60 / 60 / 40 / 60

162x227x20 mm

0,8 kg

0°C ... + 45°C

IP31

+U = 12 ... 14 Vd.c.

Main functions

- Call, answer and hands-free talk
- Video image display (color during day, black & white during night) during the call, talk, monitoring and access
- Audio-video monitoring with bidirectional talk
- Access command during call, talk and monitoring
- Additional command – AUX key for an auxiliary automation

Additionally, only for the advanced video terminals

- Picture taking during call, talk and monitoring
- Picture memory of up to 100 images. Visualize/ delete pictures
- Date and time display

Settings

- Call and talk volume adjustment: 7 levels and silent (mute)
- Ringtone selection: 5 options
- Call duration selection: 1 x 5 sec., 2 x 5 sec., 3 x 5 sec. or 1 min. continuously
- Video image adjustment: brightness, chrominance
- Date and time setting

Extensions

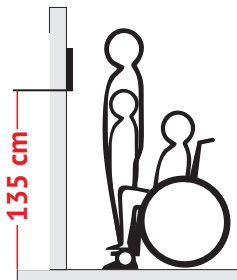
- Auxiliary command: auto gate, garage door, outdoor lighting etc.
- Successive video monitoring, when additional video cameras are connected
- 1 additional video terminal and/or 3 additional audio terminals, connected to the main terminal
- Entrance doorbell, connected directly to the terminal
- Acoustic (Gong type) or visual call signaling device, connected directly to the terminal

- 4 wires x 0.5 mm² (type H03VV-F4G 0.5) for maximum 75 lm



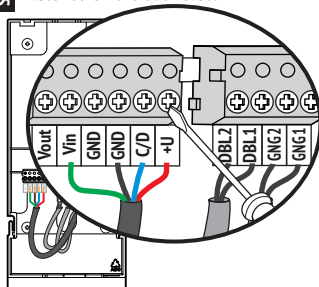
STEP 1

Fasten the back case on the wall H=135cm
Fasten the connectors on the back case



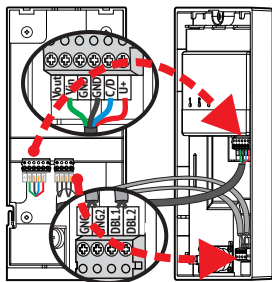
STEP 2

Make the connections in the connector fastened on the back case.



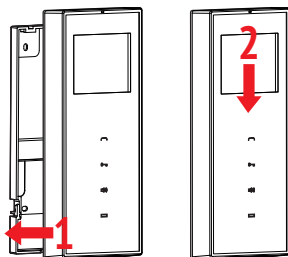
STEP 3

Move the connector with the fastened wires from the back case to the front case.



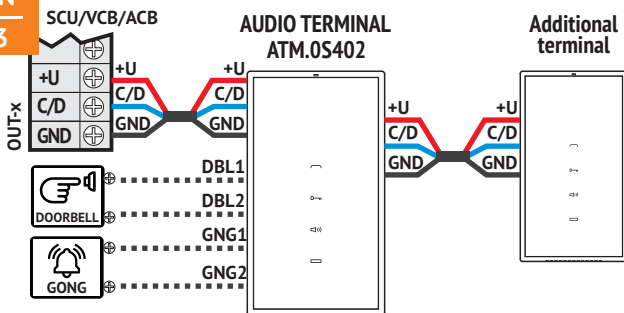
STEP 4

1. Place the front case with the fastened connectors over the back case.
2. Pull the terminal down until it interlocks.

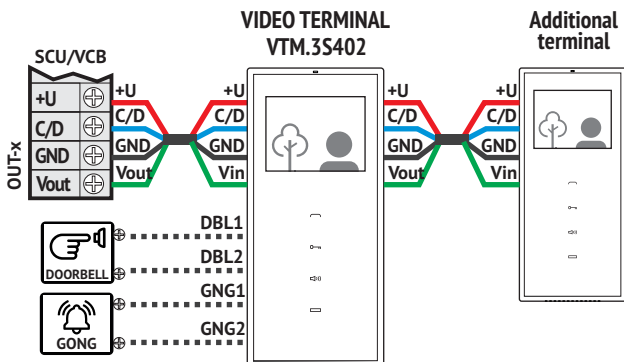


Connection diagram for the AUDIO terminal

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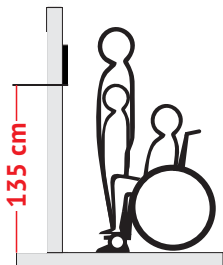
Connection diagram for the 3.5" VIDEO terminal



4.2 EN Installation of the VTM.7S402/ VTA.7S902 smart+/ advanced Video Terminal

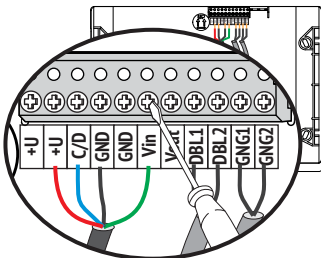
STEP 1

Fasten the back case on the wall H=135cm
Fasten the connectors on the back case



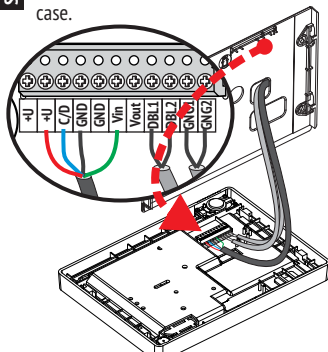
STEP 2

Make the connections in the connector fastened on the back case.



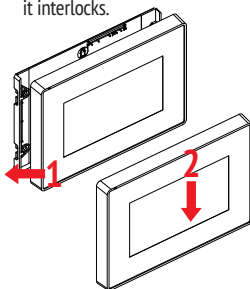
STEP 3

Move the connector with the fastened wires from the back case to the front case.



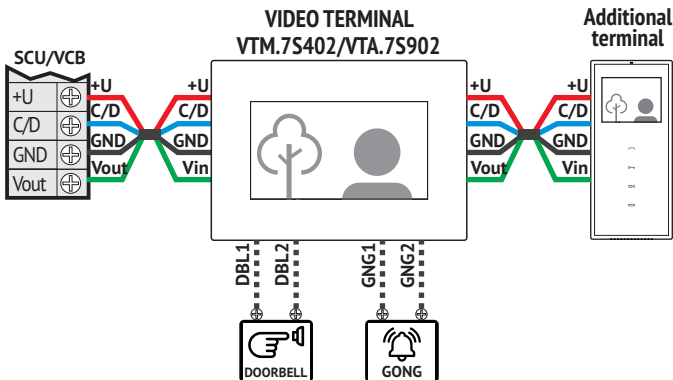
STEP 4

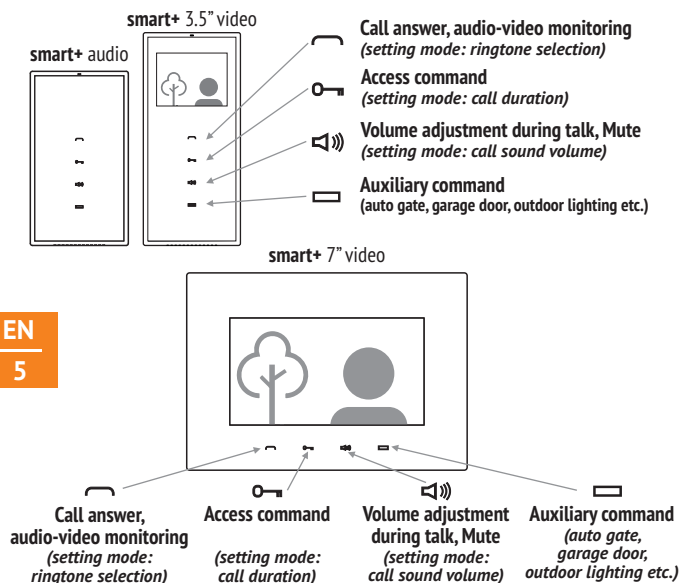
1. Place the front case with the fastened connectors over the back case.
2. Pull the terminal down until it interlocks.



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Connection diagram for the 7" VIDEO terminal





Standard settings of the producer:

1.	Ringtone		Ding-dong (first in the list)
2.	Call duration		2 calls
3.	Call sound volume		Level 5 out of 7

1. STAND-BY: The keyboard is not backlit.

2. APEL DE LA PANOUL EXTERIOR: The terminal rings for maximum 1 min., with the selected ringtone. All the keys light up, and the key blinks. The display shows the image with the visitor.

- During the call, the conversations that take place indoors cannot be heard outdoors.


- You can hear and see what goes on at the entrance!

Volume adjustment during CALL: Successively touch the key. The maximum level (7) is signaled with two beeps (2 x [BEEP]). After the maximum level is reached, the adjustment recommences at level 1. This adjustment will not be stored. All the calls will start with the set level for the call sound volume (see the settings section).




3. CALL FROM THE DOORBELL OF THE RESIDENCE. The terminal rings with a specified ringtone, set by the producer. The video display remains turned off.


4. CALL ANSWER + TALK. To answer and initiate the talk, press the key, which will remain permanently backlit. The talk takes place hands-free, during maximum 2 min.




- The talk may be ended without granting access, by touching the key.

The image closes and the keys remain backlit for 10 more sec. Volume adjustment during TALK: Successively press the speaker key - . The maximum level (7) is signaled with two beeps (2 x [^{BEEP}]). After the maximum level is reached, the adjustment recommences at level 1.



5. ACCESS COMMAND. DOOR/ GATE OPENING. From the terminal, you may control the opening of the door/gate, in the following situations:


- a. During TALK.** If you decide to grant access to the visitors, touch the  key. The terminal remains on for 10 more sec. You can hear and see what goes on at the entrance!
- b. During audio-video MONITORING.** If you decide to open the door/gate, touch the  key. The terminal remains on for 10 more sec. You can hear and see what goes on at the entrance!
- c. In STAND-BY mode.** If you decide to open the door/gate, **long touch** (2-3 sec.) the  key. The terminal remains on for 10 more sec. You can hear and see what goes on at the entrance!

6. ADDITIONAL “AUX” COMMAND. The **Touch Line** door phones allow the connection of an additional automation to the **AUX** terminals of the central unit: auto gate, garage door, outdoor lighting system etc. If such an automation is connected, you may control it from the terminal through the  key. The **AUX** command can be performed in the following situations:

- a. During TALK.** If you decide to give the **AUX** command, touch the  key. The terminal remains on for 10 more sec. You can hear and see what goes on at the entrance!
- b. During audio-video MONITORING.** If you decide to give the **AUX** command, press the  key. The terminal remains on for 10 more sec. You can hear and see what goes on at the entrance!
- c. In STAND-BY mode.** If you decide to give the **AUX** command, **long touch** (2-3 sec.) the  key. The terminal remains on for 10 more sec. You can hear and see what goes on at the entrance!

7. AUDIO-VIDEO MONITORING. From the **STAND-BY** mode, touch the  key. Monitoring, video image + bidirectional talk last maximum 15 sec.

- During monitoring, you can see and hear what goes on at the entrance, you can talk two-ways and you may control **ACCESS** () and **AUX** ()
- *In a building with multiple apartments, simultaneous monitoring cannot be performed.*

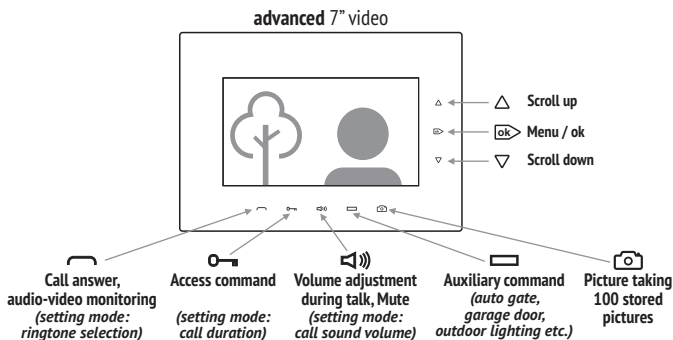
8. AUDIO SILENT MODE (MUTE). If you do not want to be disturbed by visitors, from **STAND-BY** mode, **long touch** (2-3 sec.) the  key. The LED of the key turns on and remains permanently red. In case of a call, the image with the visitor is displayed, but the terminal does not ring.

- To exit the silent mode, short touch the  key. The LED becomes white again.

9. IMAGE ADJUSTMENT for the **smart+** VIDEO terminals.

This adjustment is made only if the colors on the display do not coincide with reality. With the terminal in **MONITORING** mode, adjust the image with very small rotations of the **color** and **brightness** adjusters on the back of the terminal.

5.2 EN Use of the advanced terminal



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7 **NOTE:** The advanced video terminal fulfills all the smart+ functions (1-9), as well as the functions presented hereinafter.

10. PICTURE TAKING. At each call from the outdoor panel, the terminal automatically stores the picture of the visitor. During the talk, you can take additional pictures, by touching the key. The terminal can store maximum 100 pictures, and when the memory is full, the oldest pictures are deleted, on the **First In – First Out** principle.

11. VISUALIZE/DELETE PICTURES. • Touch the key and enter the **Menu**.

- Successively touch the key until you reach the **Pictures menu**.
- Using the / keys, choose **View Pictures** or **Delete all**. Press to select.
- In **View Pictures**, scroll using the / keys and visualize all the pictures.
- In **Delete all**, if you press the key, all pictures are deleted.

After 12 sec. of not using the **Menu** keys, the terminal automatically returns to the normal functioning mode.

12. IMAGE ADJUSTMENT for the advanced VIDEO terminals. This adjustment is made only if the colors on the display do not coincide with reality.






- With the terminal operating, touch the key and enter the **Menu**.
- Successively touch the key, until you enter the **Display menu**.
- Scroll using the / keys and touch to select **Brightness**, **Chroma** or **Contrast**.
- Adjust the parameters using the / keys and touch to set the desired value.

Select **Exit** to exit the **Display menu**.





6 EN Settings of the audio-video terminals

6.1 1. CALL RINGTONE 2. CALL DURATION 3. CALL RINGTONE VOLUME

0	Long touch keys , simultaneously. The terminal enters settings mode and issues a long warning beep. You have 2 min. available for settings 1, 2 and 3.
1	CALL RINGTONE • The first ringtone. Touch the key. Listen to the first ringtone. <ul style="list-style-type: none"> • The second ringtone. Touch the key again. The second ringtone will play. • For the third, the fourth and the fifth ringtone, repeat the procedure above. • The last played ringtone remains stored for the call.

2	CALL DURATION • The terminal rings only once. Touch the  key again. • The terminal rings twice. Touch the  key for the second time. • The terminal rings three times. Touch the  key for the third time. • The terminal rings continuously for 1 minute. Touch the  key for the fourth time. • The last played version remains stored for call.
3	CALL RINGTONE VOLUME • Successively touch the  key, until you reach the desired volume of the ringtone. Each volume level, from 1 to 7, is signaled by an increase in the intensity of the selected ringtone. • The last played version remains stored for the call.
4	• The settings mode will automatically close after 7 sec. from the last action.

6.2 TIME and DATE setting for the advanced terminal

- Touch the  key and enter the **Menu**.
- Continue to touch the  key until you reach the **Time & Date**.
- Scroll using the ∇/Δ keys and touch  to select the **Time** or the **Date**.
- Adjust the parameters using the ∇/Δ keys and touch the  key for the correct setting. Select **Exit** to exit the **Time & Date** menu.

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7 EN Programming the audio-video terminals

The manual programming of the address of the terminal (apartment number/ family)

- All **Touch Line** terminals are programmed from the factory with **address 1**.
- The terminals from apartments with numbers from 2 to 9999 will be programmed with the number (address) of the respective apartment / family.
- The address of the terminals with numbers from 2 to 20 can be manually programmed, according to the following procedure:

0. The entire door phone system is installed and set under tension.

1. Go to the place where the **SCU** central unit of the installation is mounted. Long press (2-3 sec.) the **PROG** button. The red LED turns on.


2. Return to the terminal and long touch the  key. You will hear a long beep.

- Programming **address 1**: touch the  key **once**. A short beep is issued.

- Programming **address 2**: touch the  key **twice**. Two short beeps are issued.

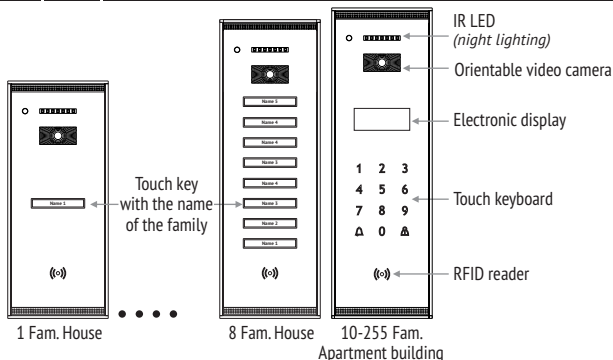
- Programming **address 3**: touch the  key **three times**. Three short beeps are issued.

Repeat the procedure for the next addresses, until 20.

NOTE: After pressing the  key **n times**, wait a few seconds for the acoustic confirmation of the terminal for **address n**. The terminal will issue **n beeps** for **address n** programmed in the terminal.

3. Return to the **SCU** central unit of the installation. Press the **PROG** button for a short time. The red LED turns off. The installation returns to normal functioning mode.

- For programming the **Touch Line** terminals installed in buildings with a high number of apartments (higher than 15), purchase the special terminal address programming device from the producer.



1. STAND-BY. The keys with the names of the residents/ the call keyboard are permanently backlighted during night. The red LED blinks and signals the possibility of video monitoring.

2.1. CALL + TALK from outdoor panels with maximum 10 families. Touch the key corresponding to the name of the family you are looking for. The panel signals the action acoustically, with a ding-dong. The call lasts maximum 1 minute. Each touch of the key reinitiates the call. If the resident answers, the talk mode is activated. The talk takes place hands-free, during maximum 2 min.

2.2. CALL + TALK from outdoor panels for apartment buildings.

- Use the keyboard to dial the number of the desired apartment (maximum 4 digits).

The panel signals the action acoustically, with ding-dong. The key turns red and the following message appears on the display:

Calling:
Name1
To abort dial
Press

- The call lasts maximum 1 minute.

If you do not know the number of the apartment, search for the name of the resident in the electronic list by touching the key. Successively touch the key until the name of the family and the apartment numbers show up on the display:

1: Name1
2: Name2
3: Name3
- Next page

If the resident answers, talk mode is initiated. The key turns green and the following message is shown on the display:

SPEAK!

The conversation takes place hands-free, during maximum 2 min.

4. RFID card ACCESS. Approach the RFID card to the area marked with the symbol. The panel commands the opening of the door/gate and issues a confirmation beep sequence. At the panel for apartment buildings, the display shows the following message:

The door/gate remains open for maximum 10 sec.

ACCES
GRANTED

9 EN Maintenance of the door phone components

- The **Touch Line** audio-video terminals must be kept away from water, lime or any liquid substances, blows, fumes, powders, dust etc. In case of renovation activities, the entire surface of the terminals will be protected with plastic foil.
- The **Touch Line** outdoor panels must be kept away from corrosive substances, lime and blows.
- For cleaning the glass screens, use a clean cloth and a special solution for glass washing.
- DO NOT undo the electrical connections of the video door phone installation components.
- DO NOT short-circuit the electrical connections of the video door phone installation components.
- The accumulator, optionally connected to the central unit of the video door phone installation, must be replaced in case of defects or after exceeding its lifespan.

10 EN Warranty

- a. Warranty is granted according to the current legislation in the buyer's country of residence, based on the purchase documents.
- b. Warranty is granted for the hidden defects of the components used in production and in case of the system not functioning according to the present user manual.

WARRANTY IS NOT GRANTED FOR:

- c. Inappropriate installation and use.
- d. Deterioration, intentional blows.
- e. Unauthorized interventions to any of the components of the installation.
- f. Theft, fire, natural disasters.
- g. Lack of protection of the installation components in case of renovation activities.

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