

VISTADOOR VIDEO DOOR INTERCOM SYSTEM

Thank you for purchasing a VISTADOOR Video Door Intercom System. You have purchased a high-quality system complete with stainless steel cover. The stainless steel cover is carefully hand-polished and therefore free from scratches. The stainless steel should be seen as a small of quality in themselves.

How to care for stainless steel

Never clean stainless steel surfaces with standard cleaning agents, as these can cause damage. Clean only using stainless steel cleaners or cleaners that are non-abrasive, just use clean water. Make sure you follow these tips on care, otherwise discoloration may occur, or even rust damage.

PACKAGING CONTENTS**VDV 510 EG**

- 1 x Video door unit (1)
- 1 x Mains unit (2)
- 1 x Ring mountings (3)
- 1 x Installation instructions
- 1 x Drilling template

VDV 520 EG

- 1 x Two-way intercom unit (4)
- 1 x Mains unit (2)
- 1 x Ring mountings (3)
- 1 x Operating and installation instructions
- 1 x Drilling template

VDV 503 SS and VDV 507 SS

- 1 x Internal unit, colour -black (5)
- 1 x Ring mountings (3)
- 1 x Operating and installation instructions
- 1 x Drilling template

VDV 503 WW and VDV 507 WW

- 1 x Internal unit, colour -white (5)
- 1 x Ring mountings (3)
- 1 x Operating and installation instructions
- 1 x Drilling template

Key

- 1. External unit for one-family house
- 2. Mains unit
- 3. Ring mounting (4 plugs, 4 screws)
- 4. External unit for two-family house
- 5. Internal unit (VDV 503 WW and VDV 503 SS)
- 6. Ring mountings (3)
- 7. Drilling template
- 8. Loudspeaker
- 9. Power LED
- 10. Speaker
- 11. Control LED for sleep button
- 12. Microphone button
- 13. Microphone
- 14. Alarm button
- 15. Bell tone button
- 16. Volume control
- 17. Ringing screws
- 18. Ringing template
- 19. Name tag
- 20. Microphone
- 21. Connection terminals
- 22. Cable entry hole
- 23. Adhesive strips for fastener to be placed
- 24. Adhesive fixing strips
- 25. Grip to hold the microphone and loudspeaker cables
- 26. Screws to secure the voice volume of the internal unit
- 27. Monitor button
- 28. Monitor
- 29. Brightness buttons
- 30. Contrast button
- 31. Colour button
- 32. Camera
- 33. Menu button
- 34. "+" button
- 35. "-" button

EXTERNAL UNIT**INSTALLATION**

The following cables are needed:

One-family house: Four cables from the external unit to the internal unit, and two cables from the external unit to the door opener.

Two-family house: Four cables per bell push, six night cables in total at the external station (four cables in apartment 1 and four cables in apartment 2), and two cables from the external unit to the door opener.

The following settings can be made:

Brightness: Adjust the brightness of the monitor to the local conditions, call the menu button (33) and use the "+" button (34) to increase the brightness and the "-" button (35) to decrease the brightness.

Contrast: To adjust the contrast of the monitor, call the OSD with the menu button (33) and use the "+" button (34) to increase the contrast and the "-" button (35) to decrease the contrast.

NOTE: You can also use the VISTADOOR system in combination with video and audio components.

Connecting the power supply: The power supply can be connected to the internal and/or external station, as preferred. Supports power connection are provided for this. The power supply can also be connected directly to the signal cable, if the signal cables have been laid from the house to the external unit and the internal unit. The mains unit should then be connected to ground and +15V. See also Figure 4.

NOTE: Do not connect the mains units to the mains until the system has been installed. Otherwise short circuits may occur during installation that could irreparably damage the units.

Removing the front cover

When removing the front cover, make sure that the luminous field and name tag do fall out.

- Identify a suitable place to fit the external unit and lay all the cables to this point.
- Unscrew the two bottom screws (23) and carefully lift off the front cover and then fit the four fixing holes on the sides.
- Use the drilling template, drill four holes (Ø 6 mm) in the wall. To do this, use a spirit level to correctly align the drilling template at the point on the wall where the external unit is to be fitted. Use the drilling template in position with adhesive tape and then drill the four holes.
- Take the drilling template off and insert one of the plugs supplied in each of the holes.
- Once you need to connect the cables to the terminal strip, connect the external unit right to the wall.

NOTE: The VISTADOOR Video Door Intercom system can also be used in combination with the VISTADOOR Audio Door Intercom system (models ADV 110 EG, ADV 120 EG, ADV 100 SS and WW). On Audio Door Intercom models, the video cable does not have to be connected.

Customising the name tag and luminous field
The name tag consists of two plastic sheets, joined by 4 screws.

- Remove both screws and separate the name tag. The luminous field for labelling is between the two plastic sheets.
- Label the luminous field with a permanent felt pen or a point to name tag (16). The name tag is 71 mm x 15 mm in size, on an PC card and is made of plastic.
- Place the labelled name tag (luminous) between the two plastic sheets and screw them back together.
- Make sure that the bottom plastic half is joined to the top one the right way round (see Figure 1).

The luminous field also consists of two plastic sheets, one attached permanently to the external unit, with the other being placed loosely on top of that and held in position by the front cover. The dimensions of the labelling field are 72 mm x 62 mm.

- After re-attaching the front cover to the external station, position the luminous field with its labelling against the correct point on the external station and then fit the name tag with the adhesive strips (24) included.
- Place the name tag in the place with the adhesive strips (24) included.
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Mains unit (supplied with external station)
Input: 230V ~ 50 Hz; 0,45 A
Output: 15V ~ 1 A

Internal unit VDV 503 SS-WW
Operating voltage: 15 V DC
Power consumption: 200 ± 50 mA
Temperature range: -10 to +50°C
Dimensions: 200 x 124 x 20 mm
Door opener connection: 12 V DC / 1 A max.

Internal unit VDV 503 WW-WW
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Door opening

The door opener is activated for approximately 30 seconds by briefly pressing the door opener button (1). You do not have to hold the door opener button (1) down. Confirmation is provided by a double beep from the external unit internal unit, and the name tag lights go green for the duration of the door opener's activation.

The door opener can be activated if

- The bell has been rung (without having to establish voice communication first) for half an hour (60 seconds).
- The reply function is active.

Setting the bell tone

Hold the bell tone button (14) on the side of the internal unit down until you hear the tone that is set. To select a different tone, release the button for a moment and then hold it down again. You will hear the next tone. Repeat this process until you hear the tone you want. When you then release the button, the last tone you heard will be saved and played each time the bell is rung.

Setting tone volume

The knob (15) on the side of the internal unit allows you to set the volume of the bell tone to whatever volume you prefer. This does not affect the voice volume.

Deactivating the bell tone (e.g., if nightlights quiet is required)

The bell tone can be deactivated. To do this, press the sleep button (8) of the internal unit once briefly. The LED (9) under the sleep button (8) flashes red to signal you that the tone is deactivated. To reactivate the bell tone, press the sleep button (8) briefly again. The LED (9) will stop flashing and the bell tone is reactivated.

The special speed (luminous surround) of the voice door opener button) remains active even when the bell tone is deactivated and will continue to indicate the bell being rung.

Activating the alarm tone

The external station can emit an alarm tone (e.g., when someone is making a nuisance of themselves). To do this, press and hold down the alarm button (13) on the internal unit. The alarm tone will be emitted if the bell tone is present and held down within 60 seconds of the bell being rung, or voice communication is established.

Setting the voice volume of the internal unit

The voice volume of the internal unit can be adjusted using the regulator (26) below the terminal on the external station. Using a small cardboard screwdriver, increase the volume on the internal unit, carefully touch the regulator, and then release it to reduce it.

Activating monitor button/intercom additional camera

Using the monitor button (27) you can monitor the entrance area of any room without having to someone to press the bell push. Pressing the monitor button a second time switches off the monitor (28).

NOTE

If an additional camera (model VO 500 KAM) is connected, this can also be activated using the monitor button. Pressing the monitor button once activates the camera of the external station, pressing a second time switches to the first additional camera, and pressing it a third time switches to the second additional camera, and so on.

Adjusting the brightness of the monitor

The brightness of the monitor can be adjusted in seven levels using the brightness buttons (29). Each time the brightness button is pressed the level is increased. The maximum level has been reached the colour switches to the second additional camera, and so on.

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Adjusting the colour of the monitor

The colour of the monitor can be adjusted in seven levels using the colour buttons (31). Each time the colour button is pressed the level is increased, once the maximum level has been reached the colour switches to the minimum level.

Adjusting the contrast of the monitor

The contrast of the monitor can be adjusted in seven levels using the contrast buttons (33). Each time the contrast button is pressed the level is increased, once the maximum level has been reached the colour switches to the minimum level.

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The colour of the monitor can be adjusted in seven levels using the colour buttons (31). Each time the colour button is pressed the level is increased, once the maximum level has been reached the colour switches to the minimum level.

DIFFERING AND ADDITIONAL FUNCTIONS FOR THE VDV 507 WW AND VDV 507 SS MODELS**Monitor settings (brightness, contrast, colour and mode)**

The 7" monitor has an On Screen Display (OSD), which can be called up the menu button (33) when the monitor is active. Fields of the menu button (33) are: Brightness buttons (29) to adjust the brightness of the monitor, Contrast buttons (33) to adjust the contrast of the monitor, Colour buttons (31) to adjust the colour of the monitor, and Mode buttons (34) to adjust the mode of the monitor.

Additional internal units can be connected to the first internal unit

For this, all that is needed is two cables from the external unit to the internal unit, and two cables from the external unit to the door opener.

Two-family house:

Four cables per bell push, six night cables in total at the external station (four cables in apartment 1 and four cables in apartment 2), and two cables from the external unit to the door opener.

The following settings can be made:

Brightness: Adjust the brightness of the monitor to the local conditions, call the menu button (33) and use the "+" button (34) to increase the brightness and the "-" button (35) to decrease the brightness.

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You can also use the VISTADOOR system in combination with video and audio components.

Connecting the power supply: The power supply can be connected to the internal and/or external station, as preferred. Supports power connection are provided for this. The power supply can also be connected directly to the signal cable, if the signal cables have been laid from the house to the external unit and the internal unit. The mains unit should then be connected to ground and +15V. See also Figure 4.

NOTE: Do not connect the mains units to the mains until the system has been installed. Otherwise short circuits may occur during installation that could irreparably damage the units.

Removing the front cover

When removing the front cover, make sure that the luminous field and name tag do fall out.

- Identify a suitable place to fit the external unit and lay all the cables to this point.
- Unscrew the two bottom screws (23) and carefully lift off the front cover and then fit the four fixing holes on the sides.
- Use the drilling template, drill four holes (Ø 6 mm) in the wall. To do this, use a spirit level to correctly align the drilling template at the point on the wall where the external unit is to be fitted. Use the drilling template in position with adhesive tape and then drill the four holes.
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- Label the luminous field with a permanent felt pen or a point to name tag (16). The name tag is 71 mm x 15 mm in size, on an PC card and is made of plastic.
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