

ELRO PV40

ELRO PRO PV40 Full HD Video Door Intercom System for 2 Apartments

User Manual

1. INTRODUCTION

The ELRO PRO PV40 series offers a professional-grade video door intercom system designed for ease of installation and use. This specific variant is configured for two apartments or homes sharing a single entrance, featuring one outdoor unit with two doorbell buttons and two indoor monitors. The system delivers clear Full HD 1080P video, high-quality audio, and is constructed with robust, durable materials.

Key features include a heavy-duty metal outdoor unit with IP66 water resistance, a Full HD 1080P camera with excellent night vision, and motion detection capabilities. The slim design of the outdoor unit (5.5 cm wide) allows for flexible placement. Each indoor monitor is a 7-inch (18 cm) Full HD color screen, equipped with a high-quality microphone and speaker for clear communication. The system supports Micro SD card (not included) for recording images and calls, and features a motion sensor recording function. Additional functionalities include a voicemail feature, a configurable night mode to reduce doorbell volume, 13 selectable ringtones, and the ability to function as a media player or photo frame. It also supports connection to a 12V electronic door opener (not included).



Figure 1: ELRO PRO PV40 Video Door Intercom System for 2 Apartments, showing the outdoor unit and two indoor monitors.

2. PACKAGE CONTENTS

Please verify that all components listed below are included in your package:

- 1x Doorbell unit with Full HD 1080P camera
- 2x 7-inch (18 cm) monitors
- 2x Monitor mounting brackets
- 2x Power adapters with 1.5 m cords
- 2x 15 m connection cables
- 2x Coupling cables and cable ties
- Screws and wall plugs for mounting

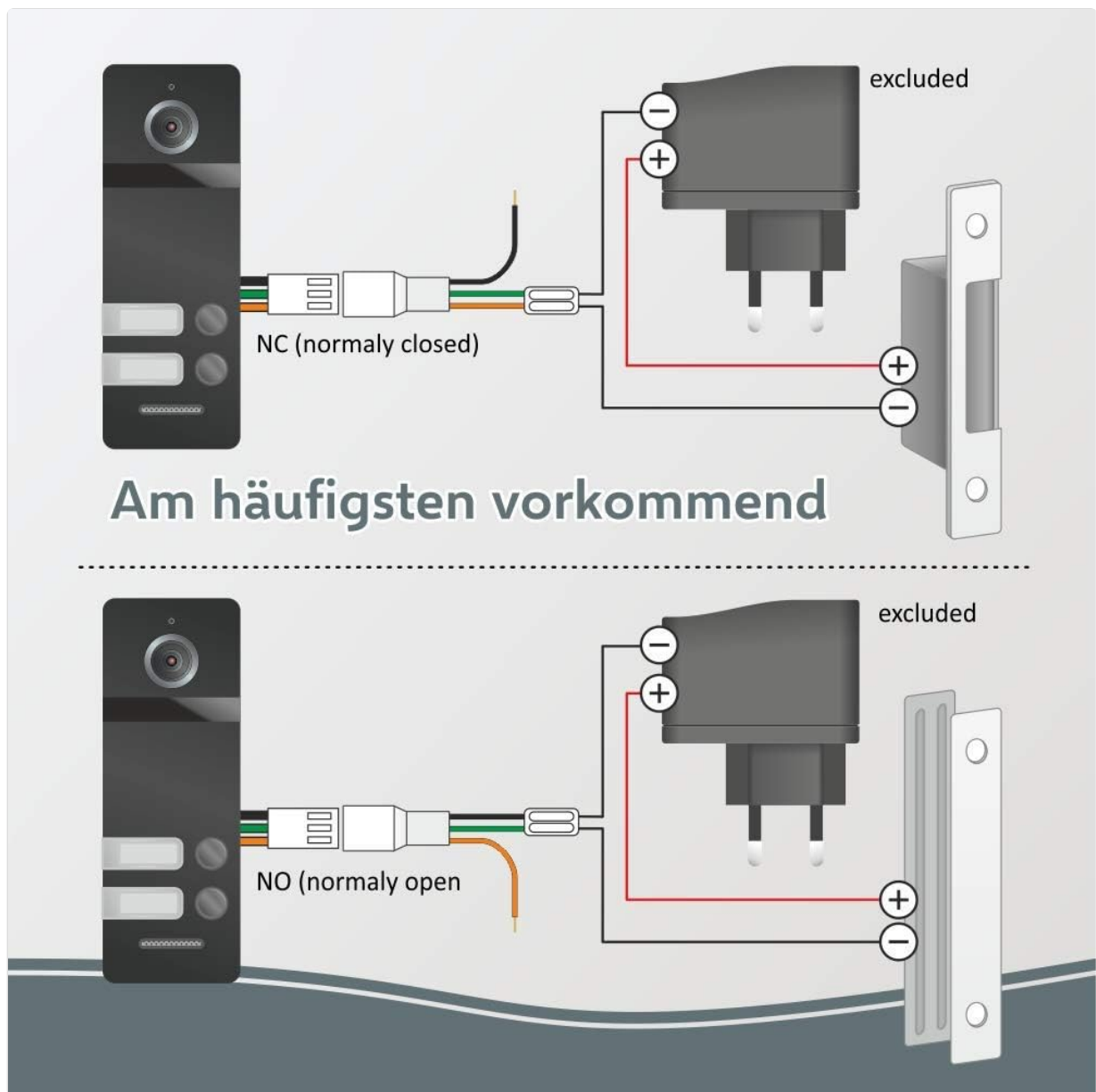


Figure 2: Product packaging for the ELRO PRO PV40 system.

3. SETUP AND INSTALLATION

The ELRO PRO PV40 system is designed for straightforward installation. Follow these steps for proper setup:

3.1 Mounting the Outdoor Unit

1. Choose a suitable location on your exterior wall or door frame.
2. Mount the doorbell unit at a height between 1.35 m and 1.70 m from the ground for optimal viewing angle.
3. Secure the unit using the provided screws and wall plugs.

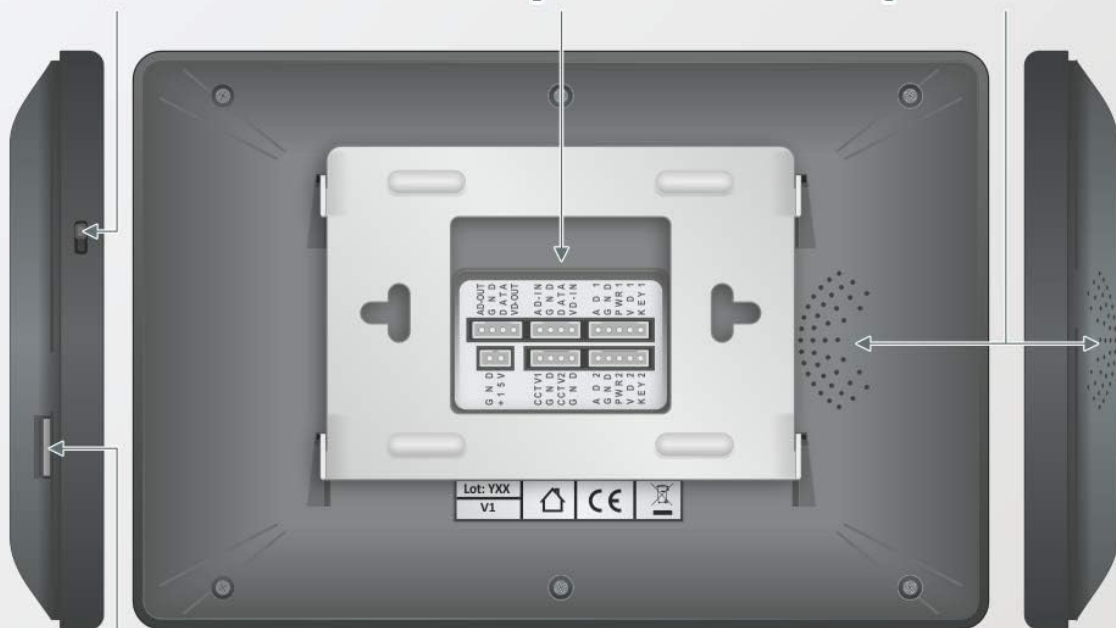
Voice-Mail-Funktion

"Hallo, Bitte hinterlassen
Sie eine Nachricht
nach dem Ton".



Figure 3: Recommended mounting height (1.35m - 1.7m) and 110° viewing angle for the outdoor unit.

Ein/Aus Anschlusspaneel Lautsprecher



DVR - Musik - Foto - Aufnahme
Micro SD max. 128 GB exkl.

Figure 4: Dimensions of the robust outdoor unit.

3.2 Mounting the Indoor Monitors

1. Select a convenient indoor location for each monitor.
2. Attach the monitor mounting bracket to the wall.
3. Mount the color monitor onto its bracket.



Figure 5: Dimensions of the indoor monitor.

3.3 Wiring and Connections

Connect the indoor monitors to the outdoor unit using the provided plug & play cables. Ensure all connections are secure.

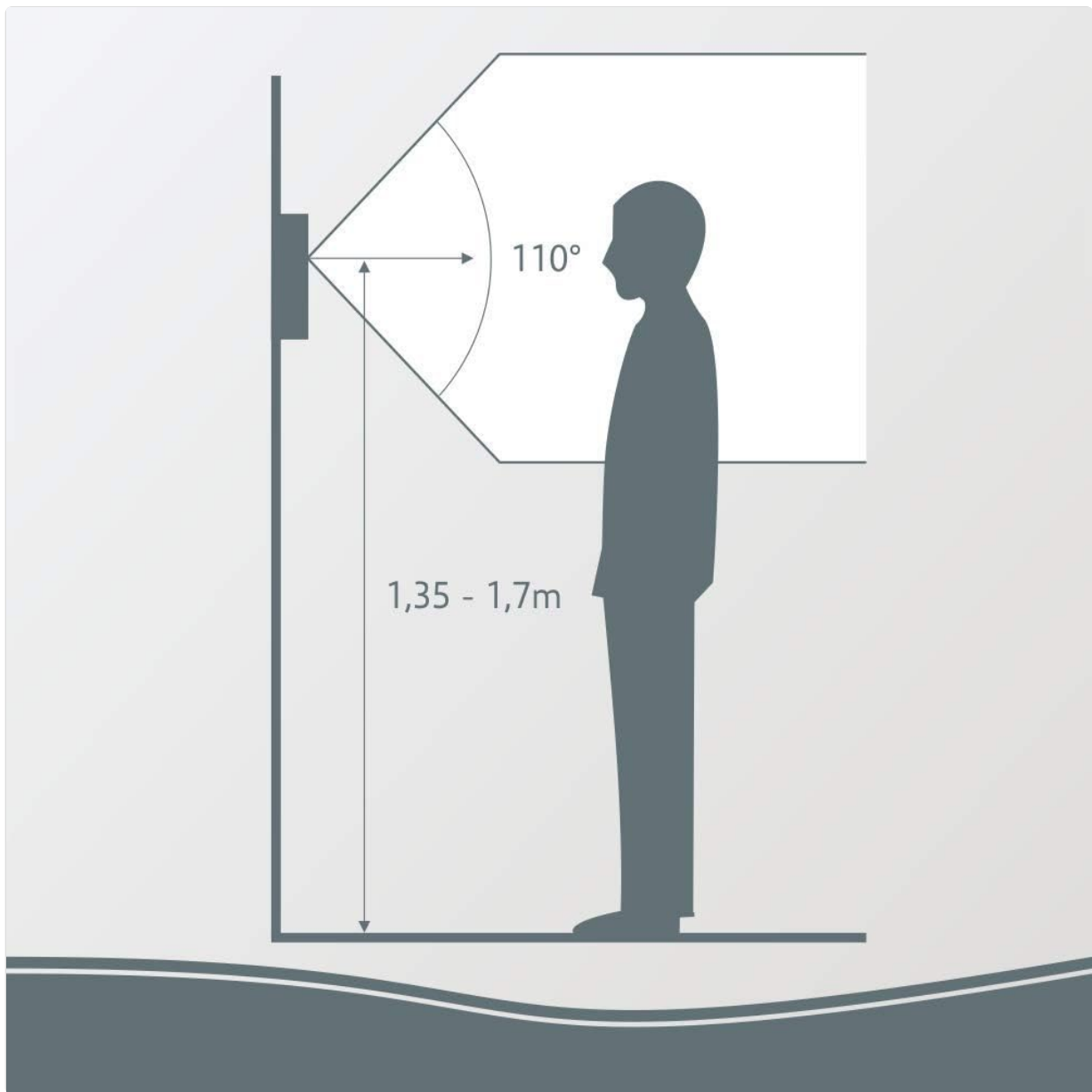
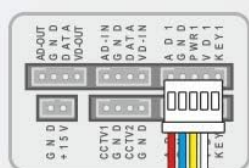


Figure 6: Simple Plug & Play wiring diagram for connecting the outdoor unit to two monitors.

If you wish to connect an electronic door opener, refer to the following diagram. A 12V electronic door opener is required (not included).

Einfaches Plug & Play

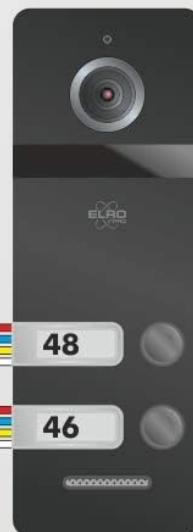
Monitor



48



50 cm

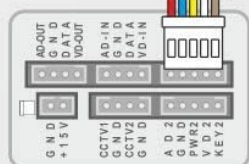


48

46

50 cm

46



Monitor

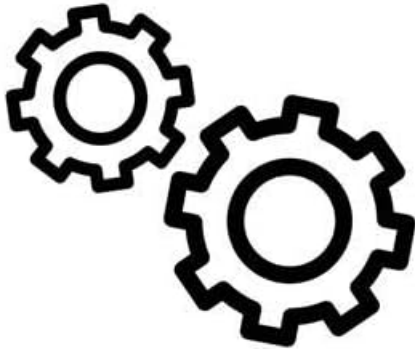
2 x 15 m



Figure 7: Common wiring configurations for connecting an electronic door opener.



Handbuch



Software



Kundenservice



Figure 8: Rear view of the monitor, highlighting connection panel and Micro SD card slot (max. 128 GB, not included).

4. OPERATING INSTRUCTIONS

4.1 Answering a Call

When a visitor presses the doorbell, the indoor monitor will display the camera feed and ring. You can then communicate with the visitor using the integrated microphone and speaker.

1080P Full HD - 18 cm/7 inch

Kristallklare Bilder



Figure 9: The indoor monitor provides crystal clear Full HD images of your visitor.

4.2 Voicemail Function

The system includes a voicemail feature. If you are not home, visitors can leave a message after the tone, similar to a telephone answering machine. You can also leave a custom message for visitors.



Figure 10: The voicemail function allows visitors to leave messages when you are away.

4.3 Recording and Motion Detection

By inserting a Micro SD card (not included), you can record video and images of visitors and calls. The motion detection sensor can be configured to automatically start recording when movement is detected within specified times.

4.4 Night Mode

Activate the configurable night mode to reduce the doorbell volume during nighttime hours, preventing disturbances.

4.5 Ringtones and Multimedia

Choose from 13 different ringtones. The monitor can also be used as a media player or a digital photo frame.



Figure 11: The monitor offers extra features such as a photo frame, music player, and clock/date display.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ELRO PRO PV40 system, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the outdoor unit and indoor monitors with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the surfaces.
- **Camera Lens:** Keep the camera lens on the outdoor unit clean and free from dust or smudges to maintain clear video quality.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Software Updates:** Check the manufacturer's website for any available firmware updates to ensure your system has the latest features and security enhancements.

6. TROUBLESHOOTING

If you encounter issues with your ELRO PRO PV40 system, refer to the following common troubleshooting steps:

- **No Power:** Ensure both the outdoor unit and indoor monitors are properly connected to their power adapters and that the power outlets are functional.
- **No Video/Audio:** Check all connection cables between the outdoor unit and indoor monitors. Ensure they are securely plugged in and not damaged.
- **Poor Video Quality:** Clean the camera lens on the outdoor unit. Ensure there are no obstructions blocking the camera's view. Check lighting conditions; night vision should activate automatically in low light.
- **Door Opener Not Working:** Verify the wiring to the electronic door opener according to the installation diagram (Figure 7). Ensure the door opener itself is functional and receiving power.
- **Motion Detection Not Recording:** Ensure a Micro SD card is properly inserted into the monitor and that the motion detection recording feature is enabled in the system settings. Check the sensitivity settings.
- **Intermittent Operation:** Check for any loose connections or interference from other electronic devices.

If problems persist after attempting these steps, please contact ELRO customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	PV40-P2M2
Manufacturer	ELRO Europe
Outdoor Unit Dimensions (L x W x H)	15.4 cm x 5.5 cm (approximate, based on image)
Indoor Monitor Dimensions (L x W x H)	18.6 x 12.7 x 1.9 cm
Weight	141.75 Grams
Color	Black
Material	Metal
Power Type	AC/DC
Voltage	12 Volts
Special Features	Full HD 1080P camera, Night vision mode, Water-resistant (IP66)
Max. Range	15 Meters (cable length)
Water Resistance Level	Waterproof (IP66 for outdoor unit)

Compatible Devices

ELRO two-way radios and other devices using the same frequency band/channel, compatible accessories.

8. WARRANTY INFORMATION

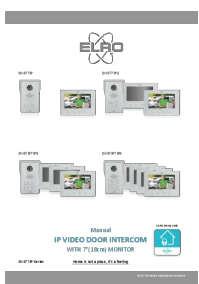


Specific warranty details for the ELRO PRO PV40 system are typically provided with the product documentation or can be found on the official ELRO website. Please retain your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your ELRO PRO PV40 Video Door Intercom System, please visit the official ELRO website or contact their customer service department. Contact information can usually be found in the product packaging or on the brand's website.

No official product videos were found in the provided data. For visual guides or additional information, please check the manufacturer's official website or support channels.

Related Documents - PV40

	<p>ELRO DV477IP Series IP Video Door Intercom Manual</p> <p>Comprehensive manual for the ELRO DV477IP Series IP Video Door Intercom system, detailing installation, setup, features, and app integration with the ELRO Home Safe app for enhanced home security and communication.</p>
	<p>ELRO IP Video Door Intercom DV477IP Series Manual</p> <p>Comprehensive manual for the ELRO IP Video Door Intercom DV477IP Series, covering installation, setup, app pairing, and features. Includes specifications and safety instructions.</p>
	<p>ELRO DV477W Series Video Door Intercom System Manual</p> <p>User manual for the ELRO DV477W Series Video Door Intercom system, featuring a 7-inch monitor. Provides detailed instructions on installation, package contents, system specifications, wiring diagrams, safety precautions, and disposal information.</p>

	<p>ELRO DV4000 Series Video Door Intercom Manual</p> <p>Comprehensive manual for the ELRO DV4000 Series Video Door Intercom system, detailing installation, features, specifications, and safety instructions for models with a 7-inch monitor.</p>
	<p>ELRO DV477W Video Door Intercom System User Manual</p> <p>User manual for the ELRO DV477W Wired Video Door Intercom System, detailing installation, features, and specifications for the 7" monitor and outdoor unit.</p>
	<p>ELRO DV477IP Series IP Video Door Intercom with 7-inch Monitor User Manual</p> <p>This user manual provides comprehensive instructions for installing, configuring, and using the ELRO DV477IP Series IP Video Door Intercom system. It covers setup, wiring, app integration, specifications, and safety guidelines for the DV477IP, DV477IP2, DV477IP3, DV477IP4, and DV477W-M models.</p>