

Byron DIC-22615

Byron DIC-22615 Wireless Video Doorphone Instruction Manual

Model: DIC-22615

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Byron DIC-22615 Wireless Video Doorphone. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1. Components Included

- Byron 7" Indoor Monitor
- Outdoor Unit (Doorbell with Camera)
- Mounting Plate
- Indoor Unit Adapter
- 3.7 Volt Battery (for outdoor unit)
- 3.7V Li-ion Battery (for indoor unit)
- 3x Terminal Blocks
- Mounting Material
- Instruction Manual (this document)

2.2. Key Features

- **Wireless Connectivity:** Outdoor and indoor units communicate via 2.4GHz radiofrequency, allowing for flexible placement.
- **Two-Way Communication:** Speak with visitors at your door from the indoor monitor.
- **7-inch Touchscreen Monitor:** Portable indoor unit for convenient viewing and interaction.
- **HD Camera with Night Vision:** 720p HD quality camera with infrared night vision (up to 1 meter) ensures clear visibility day and night.
- **Recording Functionality:** Automatically records footage of visitors. Manual photo and short video capture in HD.
- **MicroSD Card Support:** Save recordings to a MicroSD card (up to 32GB, not included).
- **Door Unlock Function:** Ability to unlock an electric door strike directly from the indoor monitor (electric strike not

included).

- **Customizable Melodies:** Choose from 20 different chime melodies.
- **Adjustable Volume:** Chime volume adjustable up to 80 dB.
- **Expandable System:** Connect an additional indoor screen for extended coverage within your home.
- **Durable Outdoor Unit:** Sturdy and water-resistant design suitable for outdoor use.



Image 1: The Byron DIC-22615 Wireless Video Doorphone system, showing the outdoor unit (left) and the 7-inch indoor monitor (right).



Image 2: Rear view of the outdoor unit (left) and indoor monitor (right), showing battery compartments and connection ports.

3. SAFETY INFORMATION

- Ensure all power connections are secure and correctly installed to prevent electrical hazards.
- Do not expose the indoor unit to water or excessive humidity. The outdoor unit is water-resistant but should not be submerged.
- Keep the product away from direct heat sources and open flames.
- Only use the specified power adapters and batteries provided or recommended by the manufacturer.
- Do not attempt to open or repair the units yourself. Refer all servicing to qualified personnel.
- Dispose of batteries according to local regulations.

4. SETUP AND INSTALLATION

4.1. Outdoor Unit Installation

1. **Choose Location:** Select a suitable location near your door, ensuring the camera has a clear view of visitors. The unit should be mounted at a height that allows for optimal facial recognition.
2. **Mounting:** Use the provided mounting plate and hardware to securely attach the outdoor unit to a wall or doorframe. Ensure it is level.
3. **Battery Installation:** Insert the 3.7 Volt battery into the outdoor unit. Ensure correct polarity.
4. **Power Connection (Optional):** While the unit is wireless for communication, it may require a power source for continuous operation or charging. Refer to the specific wiring diagram for connecting to existing doorbell wiring if desired.



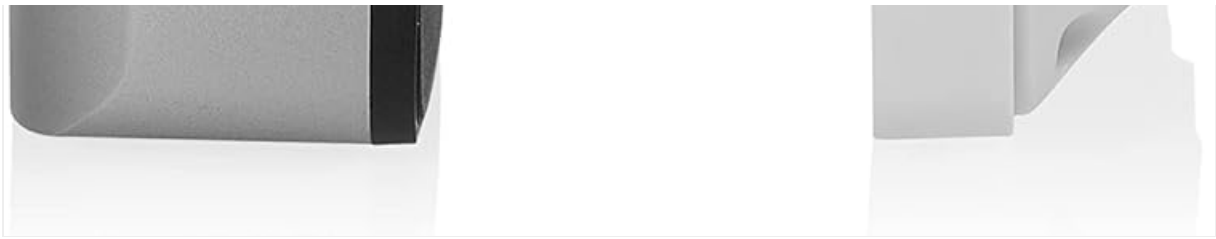


Image 3: Side view illustrating the slim profile of both the outdoor unit (left) and the indoor monitor (right).

4.2. Indoor Monitor Setup

1. **Battery Installation:** Insert the 3.7V Li-ion battery into the indoor monitor.
2. **Power Connection:** Connect the indoor unit adapter to the monitor and plug it into a standard power outlet. The monitor can operate on battery power for portability but should be charged regularly.
3. **MicroSD Card Insertion:** If you wish to record photos and videos, insert a MicroSD card (up to 32GB, not included) into the designated slot on the indoor monitor.



Image 4: A hand demonstrating the insertion of a MicroSD card into the slot on the indoor monitor.

4.3. Initial Pairing

The outdoor and indoor units are typically pre-paired at the factory. If they do not connect automatically, refer to the specific pairing instructions in the full manual. Generally, this involves activating a pairing mode on both units within a short distance of each other.

5. OPERATING INSTRUCTIONS

5.1. Receiving a Call

- When a visitor presses the doorbell button on the outdoor unit, the indoor monitor will chime and display the visitor's image.
- To answer the call, press the "Answer" button on the touchscreen. This initiates two-way communication.
- To end the call, press the "End Call" button.

5.2. Two-Way Communication

Once a call is answered, you can speak directly with your visitor through the indoor monitor's microphone and speaker. The visitor will hear you through the outdoor unit's speaker, and you will hear them through the indoor monitor.

5.3. Photo and Video Recording

- **Automatic Recording:** The system automatically records footage when the doorbell is pressed.
- **Manual Capture:** During a live view or call, you can manually capture photos or short video clips by pressing the respective icons on the indoor monitor's touchscreen.
- **Viewing Recordings:** Access saved photos and videos through the menu on the indoor monitor. Recordings are stored on the MicroSD card.

5.4. Door Unlock Function

If your door is equipped with an electric strike (not included), you can connect it to the outdoor unit. During a call, press the "Unlock" icon on the indoor monitor to remotely open the door.

5.5. Melody and Volume Adjustment

Navigate through the indoor monitor's settings menu to:

- **Select Melody:** Choose from 20 available chime melodies.
- **Adjust Volume:** Set the chime volume to your preferred level, up to 80 dB.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of both units. Do not use abrasive cleaners or solvents.
- **Battery Care:** Ensure the indoor monitor's battery is charged regularly. Replace batteries in both units when their performance degrades.
- **Outdoor Unit:** Periodically check the outdoor unit for any obstructions to the camera lens or microphone/speaker.
- **MicroSD Card:** Regularly back up important recordings and format the MicroSD card to maintain optimal performance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image/sound on indoor monitor.	<ul style="list-style-type: none"> Units are out of range. Batteries are low or depleted. Units are not paired. Interference from other 2.4GHz devices. 	<ul style="list-style-type: none"> Move indoor monitor closer to the outdoor unit (max 200m unobstructed). Charge/replace batteries in both units. Refer to pairing instructions in the full manual. Move other wireless devices away from the doorphone system.
Poor image quality or night vision.	<ul style="list-style-type: none"> Camera lens is dirty. Insufficient ambient light for night vision. Obstruction in front of the camera. 	<ul style="list-style-type: none"> Clean the camera lens with a soft cloth. Ensure no objects are blocking the camera's view or infrared sensors.
Door unlock function not working.	<ul style="list-style-type: none"> Electric strike not connected or faulty. Incorrect wiring. 	<ul style="list-style-type: none"> Verify the electric strike is properly installed and functional. Check wiring connections according to the installation diagram.
Recordings not saving.	<ul style="list-style-type: none"> MicroSD card is full. MicroSD card is not inserted or faulty. MicroSD card is not formatted correctly. 	<ul style="list-style-type: none"> Delete old recordings or replace the MicroSD card. Ensure the MicroSD card is correctly inserted. Format the MicroSD card via the indoor monitor's settings.

8. SPECIFICATIONS

Feature	Detail
Model Number	DIC-22615
Manufacturer	Smartwares
Product Dimensions (L x W x H)	2.16 x 19 x 14.8 cm
Weight	1.03 kilograms
Indoor Monitor Size	7 inches
Camera Resolution	720p HD
Night Vision Range	Up to 1 meter
Wireless Frequency	2.4GHz
Wireless Range (unobstructed)	Up to 200 meters
Power Source	AC (for indoor unit adapter)
Power Consumption	5 Watts
Battery Type (Included)	1 Lithium-ion (3.7V) for outdoor unit, 1 Li-ion (3.7V) for indoor unit
MicroSD Card Support	Up to 32GB (not included)






Feature	Detail
Material	Housing/Body Material: Aluminum
Usage Environment	Outdoor (outdoor unit), Indoor (indoor monitor)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Byron/Smartwares website. Keep your proof of purchase for warranty claims.

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Related Documents - DIC-22615

	Byron DIC-215 Range Wireless Audio Doorphone Installation and Usage Guide Comprehensive guide for installing and using the Byron DIC-215 Range Wireless Audio Doorphone, covering box contents, electrical connections, pairing, and daily operation.
	Byron DIC-215 Range Wireless Audio Doorphone Installation and User Guide Comprehensive guide for installing and using the Byron DIC-215 Range Wireless Audio Doorphone, covering setup, pairing, and daily operation.
	Byron DIC-215 Range Wireless Audio Doorphone Installation and User Guide Comprehensive guide for installing and using the Byron DIC-215 Range Wireless Audio Doorphone, including box contents, parts description, electrical installation, pairing, and operational features.
	Byron DBY-22324 B324 Plug-in Wireless Doorbell Set: Installation and Pairing Guide Comprehensive guide for setting up, installing, and pairing the Byron DBY-22324 B324 plug-in wireless doorbell set. Includes features, troubleshooting, and technical specifications.
	Byron DBY-22321 Wireless Doorbell Set: Installation and Features Guide Comprehensive guide for the Byron DBY-22321 Wireless Doorbell Set, covering setup, installation, features, and troubleshooting. Learn how to pair multiple chimes and ensure optimal performance.



[Byron DBY-22312UK Plug-In Wireless Doorbell: Setup, Installation & Pairing Guide](#)

Get clear instructions for setting up, installing, and pairing your Byron DBY-22312UK plug-in wireless doorbell. Learn about features, troubleshooting, and technical specifications.