Roll-A-Pro Opener - Roller Door Automation System

Details:

B&D; Roll-A-Pro Opener Product Guide Owner Operation, Remotes, Safety, Troubleshooting & Maintenance (Aligned to B&D; Roll■A■Pro product page + official Roll■A■Pro/Power Drive guides) --- ## Guide Summary **Product:** B&D; Roll■A■Pro® Opener (Roller Door Opener) **Brand:** B&D; (B&D; Australia) **Category:** Residential roller door automation **Primary use:** Automates compatible residential roller garage doors with secure remote control access and built■in safety functions. **What it is:** Roll■A■Pro is an affordable, reliable roller door opener designed to lift most residential roller doors. It features a **500N motor**, **soft start and soft stop** (to reduce door stress and noise), and an **automatic LED courtesy light** to illuminate your garage when operating. **Core safety & security features (standard):** - **Automatic Reverse:** if the closing door meets an obstruction, the opener stops and reverses. - **Automatic Backdrive:** helps resist forced entry by driving back down if the door is being forced open. - **Secure coding technology:** Tri■Tran+ technology with non■linear encryption and **over 100 billion random code combinations**. --- ## Quick Facts - **Best for:** Homes wanting a dependable, cost■effective roller door opener with secure remote access - **Motor / peak force:** **500N** (short■term peak force) - **Typical door suitability (guide limits):** Up to **110 kg** roller door weight and up to **15.0 m²** door area (door must be well balanced and operate smoothly by hand) - **Power supply:** 230–240V, 50Hz - **Courtesy light:** LED - **Remote system:** Tri■Tran+ technology (secure encrypted coding) - **Remote capacity:** Up to **8** Tri■Tran+ 4■button transmitters (Roll■A■Pro) - **Transmitter battery type:** **CR2032 (3V)** --- ## What's Included (Typical Roll■A■Pro Kit Contents) Your Roll■A■Pro kit typically includes: - **1 × Roll■A■Pro drive unit** (RDO■1V3) - **2 × Locking Bar Covers** - **3 × TB■7 transmitters** (handheld remotes) - **1 × Wall / visor clip** (for a remote) - **1 × Collar kit** - **1 × Weight bar** - Fasteners and accessory hardware required for installation (supplied for professional installation) > **Note:** Installation instructions are written for professional installers. B&D; recommends using a professional installer due to door weight, stored spring tension, and safety setup requirements. --- ## Recommended Doors Roll■A■Pro is designed for **residential roller doors**, and B&D; commonly pairs it with: - **B&D; Roll■A■Door®** (B&D;'s iconic roller door design) - **B&D; Rollmasta®** (a cost■effective made■to■measure roller door solution) --- ## Warranty Overview (Roll■A■Pro) - **When purchased with a genuine B&D; garage door and opener together:** eligible for B&D;'s **10■year Total Confidence Warranty** (door + opener designed and tested to work together). - **When purchased alone:** Roll■A■Pro has a **5■year warranty (or 10,000 cycles)**. > Always follow servicing and maintenance requirements to maintain warranty eligibility. --- ## Safety First Garage doors are often the **largest and heaviest moving part** of a home. Read and apply these safety points: ### Safe operation rules - **Keep the door in sight** while it is moving. - Keep hands, clothing, and objects clear of the moving door and guides. - Never walk or drive under a moving door. - Keep transmitters away from children; do not allow children to play with remotes. ### Manual release warning - If you use the manual release **while the door is open**, the door may fall rapidly if springs are weak/broken or the door is not properly balanced. - Do **not** disengage the opener to manual operation with children, people, or vehicles within the doorway. ### Battery hazard warning (CR2032 coin cell) - Coin cell batteries are hazardous. Keep out of reach of children. - If swallowed or placed inside the body, serious injury can occur rapidly. Seek immediate medical attention if suspected. ### Professional installation recommended B&D; recommends professional installation of doors and openers because garage doors are heavy and can cause injury or property damage if mishandled. ### Extra safety upgrades (recommended) Even though the opener includes built■in safety functions, B&D; recommends additional protection for families: - **Safety Beams (photo electric beams):** stop and

reverse the door if an obstruction is detected during closing. - **Entry Keypad:** PIN access without needing to hand out keys/remotes (useful for families). - Optional accessories (where fitted): **Battery Back■Up** (for operation during power outage) and **Smart phone control** (requires Smart Hub). --- ## Understanding the Opener Controls and Indicators The opener has a control panel under the controls cover. Key items include: ### Buttons - **OPERATE:** Opens / stops / closes the door - **LIMIT SET:** Used during setup (installer) - **FORCE MARGIN SET** and **+ button:** Used during setup/adjustments (installer) ### Indicator LEDs - **CODE SET LED (red):** flashes when a code is being stored or when a transmitter button is pressed - **CLOSE LIMIT LED (red):** flashes while door is closing and stays on when close limit is reached - **OPEN LIMIT LED (green):** flashes while door is opening and stays on when open limit is reached - **SERVICE LED (yellow):** indicates when the opener requires service or repairs ### CODE SET and MINUS (–) - Used for storing or erasing transmitter buttons for door operation and for programming certain transmitter functions. --- ## Door Status Indicators (What the LEDs Mean) The opener uses the OPEN (green) and CLOSE (red) LEDs, plus a beeper in certain conditions, to indicate status: - **Door open:** OPEN LED on - **Door closed:** CLOSE LED on - **Door opening:** OPEN LED flashing - **Door closing:** CLOSE LED flashing - **Door travel stopped:** OPEN and CLOSE LEDs flashing - **Door obstructed while opening:** OPEN LED flashing + beeps while moving - **Door obstructed while closing:** CLOSE LED flashing + beeps while moving - **Opener overloaded:** OPEN and CLOSE LEDs alternating flashes - **Mains power interrupted:** rapid flashes --- ## Everyday Operation ### Using the transmitter (remote) 1. Press the programmed transmitter button **until the door begins to move** (usually about 2 seconds). 2. If you press the transmitter while the door is moving, **the door will stop**. 3. Press again and the door will move in the **opposite direction**. 4. Before driving in or out, confirm the door is **fully open or fully closed**. **In a vehicle:** Aim the transmitter **through your windscreen** for best results. ### Courtesy light The opener includes an **automatic LED courtesy light** to illuminate the garage during operation. (You can also program a transmitter button to control the courtesy light—see **Advanced transmitter functions**.) --- ## Manual Door Operation (Disengage / Re■engage) Manual operation is used during power failure or if the opener needs to be disengaged. ### To disengage the opener (manual mode) **Recommended:** disengage with the **door closed**. 1. Pull the manual release handle **until you hear a click**. 2. You can now manually operate the door. > **Important:** When manually disengaged, the door is **no longer locked**. To lock the door manually, **re■engage the opener after the door is closed**. ### To re■engage the opener 1. Pull the manual release handle **until you hear a click**. 2. Press the transmitter (or OPERATE button) to test. **Safety note:** The manual release should be easy to operate; no more than **20 kg of force** should be required. If excessive force is needed, contact your dealer. --- ## Coding (Programming) a Transmitter (Remote) Your opener will only work with transmitters that are programmed into its memory. - **Maximum programmed transmitters:** up to **8** (Roll■A■Pro) ### Method A: Coding a remote from the opener 1. Ensure power is on. 2. Remove the opener controls cover to access the buttons. 3. On the opener, **press and release** the **CODE SET (–)** button. 4. On the transmitter, **press and hold the button for 3 seconds, release, then press and hold the same button for 3 seconds, and release**. 5. Test the remote button to confirm operation. 6. Refit the controls cover. ### Method B: Remotely coding (duplicating) a remote (requires a pre■coded remote in range) This method is used when you already have a working, pre■coded remote and you're in range of the opener. 1. Take a **pre■coded** transmitter and press the button you want to duplicate. 2. Take the **new** transmitter and, using a pen, **hold the middle button through the coding hole for 2 seconds**. 3. The opener will **flash and beep**. 4. On the new transmitter, **press and hold the desired button for 3 seconds, release, then press and hold for 3 seconds and release**. 5. When coding is successful, the opener stops flashing/beeping. 6. Test the new remote. ### When remote coding may be disabled Remote code setting can be disabled when: - the opener is powered by **battery back■up** - the **service indicator** is active - the door is indicating it was prevented from closing because a **P.E. (Safety) beam** is blocked --- ## Erasing ALL Transmitter Codes (Remove all remotes) Use this if a remote is lost/stolen or if you want to wipe all programmed transmitters and start again. 1. Remove the opener controls cover. 2. Press and hold the **CODE SET** button for **6 seconds**, then release. - The LED will flash rapidly. 3. All stored transmitter codes are deleted. 4. Test by pressing a remote (it should no longer

operate). 5. Refit the controls cover. 6. Re■code only the remotes you want to keep. --- ## Remote Battery Management (TB■7 Transmitter) ### Battery type - **1 × CR2032 (3V)** coin cell battery ### Check battery status (using the transmitter LED) Press and hold a transmitter button and observe the indicator light: - **Solid light:** Battery OK - **Flashing light:** Replace battery - **No light:** Replace battery ### Changing the battery 1. Use a screwdriver to remove the screws and open the transmitter case. 2. Use a non■metallic object to push the battery out. 3. Insert a new **CR2032 (3V)** battery. 4. Close the case securely and test operation. > **Safety warning:** Keep coin cell batteries away from children and seek immediate medical attention if ingestion is suspected. --- ## Smart Phone Control (Optional – Requires Smart Hub) Smart phone control works via your home's Wi■Fi network and a Smart Hub accessory. ### Important warning This system allows operation when you are **not in line■of■sight** of the door. The door may operate unexpectedly. Do not allow anything to remain in or near the path of the door. ### Before you start - Download the **B&D; App** to your phone - Ensure travel **limits are set** prior to connecting to Wi■Fi - Ensure your **home Wi■Fi router** is within range of the opener ### Setup overview 1. Connect the **Smart Hub** to power. 2. On your phone, go to Wi■Fi settings and select the Smart Hub network (shown as **B&D000000;**). 3. Open the B&D; App and tap **START**. 4. Set up a new Smart Hub in the app and follow the prompts. 5. When "Smart Hub connect" appears, confirm the Wi■Fi network is **B&D000000;**, then continue following the app instructions. 6. When complete, test the opener through the app. --- ## Advanced Transmitter Functions (Optional Programming) These functions allow a transmitter button to control features beyond standard door operation. They are useful, but not required for normal use. ### 1) Coding a transmitter button for Courtesy Light control 1. Remove the opener controls cover. 2. Press the **CODE SET** button **twice**. 3. The LED will illuminate and the light will flash. 4. On the transmitter, press and hold the chosen button for **3 seconds**, release, then hold for **3 seconds**, and release. 5. Release all buttons, refit the cover, and test. ### 2) Coding a transmitter button for Vacation Mode (remote lockout) Vacation Mode disables normal transmitter operation (useful when away). **To code a button for Vacation Mode:** 1. Remove the controls cover. 2. Press the **CODE SET** button **three times**. 3. The LED will illuminate and the light will flash. 4. On the transmitter, press and hold the chosen button for **3 seconds**, release, then hold for **3 seconds**, and release. 5. Refit the cover. **To use Vacation Mode (after it's coded):** - **Turn ON:** hold the Vacation Mode button for about **4 seconds**, then release. - **Turn OFF:** press the Vacation Mode button, then test another normal remote button to confirm door operation returns. ### 3) PET (Pedestrian) Mode (partial opening from closed) PET mode opens the door from the closed position to a preset "partial open" height, allowing a pet or parcel to pass under. **Step A — Set the PET position** 1. Remove the controls cover. 2. Hold **CODE SET** and close the door to the desired PET position. 3. Hold the **+** button for **6 seconds** until both OPEN and CLOSE limit LEDs are lit. 4. Release, refit the cover. **Step B — Code a transmitter button to PET mode** 1. Remove the controls cover. 2. Press the **CODE SET** button **five times**. 3. The LED will illuminate and the light will flash. 4. On the transmitter, press and hold the chosen button for **3 seconds**, release, then hold for **3 seconds**, and release. 5. Refit the cover and test. --- ## Troubleshooting (Most Common Issues) Use this table to diagnose typical problems.

Symptom	Possible cause	What to do
Opener doesn't work from the transmitter	No power to opener	Plug a device of similar voltage into the power point and confirm power is available
	Transmitter battery flat	Replace CR2032 battery
	Transmitter not coded	Code the transmitter button to the opener
	Transmitter not Tri■Tran+ compatible	Check transmitter has **grey buttons** and the model number shows **V2** (contact dealer if unsure)
	Vacation Mode enabled	Turn off Vacation Mode
One transmitter works but others don't	Flat battery or faulty transmitter	Replace battery; if still faulty, replace transmitter
Motor runs but the door doesn't move	Opener disengaged	Re■engage the opener using the manual release
Transmitter range varies or seems restricted	Normal variation due to conditions (temperature/external interference)	Ensure you can see the door; aim transmitter through windscreen
	Battery exhausted	Check transmitter LED status and replace battery if flashing/no light
Opener light doesn't work	Courtesy light LED failed	Contact dealer to organise LED replacement/service
Door reverses for no apparent reason	Environmental conditions (windy/dusty/extreme temperature changes) can trigger obstruction sensing; Safety beams (if fitted) may be obstructed/misaligned	Ensure the door runs smoothly; check beam path is clear and beams

are aligned | | Door stops or moves very slowly | Door in poor condition (e.g., springs may be broken) | Stop using the opener; check door operation and call for service | | Door slow/erratic when Battery Back■Up is fitted | Back■up batteries low or not charged | Restore mains power and allow batteries **24–48 hours** to reach maximum charge | ---

Safety Testing (Recommended Checks)

If your opener has been installed and set up correctly, periodic safety testing helps keep operation safe and reliable.

Test the close cycle (obstruction reverse test)

1. Open the door using OPERATE or the transmitter. 2. Place a piece of timber approximately **40 mm high** (or a similar object) on the floor directly under the door. 3. Close the door. 4. The door should strike the object and **re■open**. 5. Remove the object.

> If the door does not re■open when obstructed: discontinue use and arrange service. Do not use a door with faulty obstruction sensing.

Test the open cycle (stop test)

1. Close the door. 2. Open the door. 3. When the door is approximately halfway open, firmly grab the bottom rail — the door should **stop**. If the door doesn't stop readily when opening (or doesn't reverse properly when closing), place the opener into manual mode and contact service support.

Test manual door operation

Disengage the opener and operate the door by hand: - The door must operate smoothly by hand. - The force required at the bottom rail should not exceed **20 kg**. ---

Caring for Your Opener (Maintenance & Servicing)

Preventative servicing of your garage door and opener is important because the door system contains many moving parts.

Servicing schedule guidance

- B&D; recommends servicing your garage door and opener **once in the first 12 months**, and **every two years thereafter**.

Ongoing care tips

- Keep the door moving freely and smoothly (a poorly balanced door increases strain and can trigger safety reversal). - If the opener indicates service is required (SERVICE LED), arrange inspection/servicing. - If you notice unusual noises, jerky movement, or repeated reversing, stop and arrange service before damage occurs. ---

Technical Specifications (Roll■A■Pro RDO■1V3)

- **Rated voltage range:** 230–240V - **Rated frequency:** 50Hz - **Maximum door opening height:** 3.25 turns of drum wheel (approx. **3000 mm**) - **Maximum door area:** **15.0 m²** - **Maximum door weight:** **110 kg** - **Minimum side room:** **41 mm** - **Rated temperature range:** **+5°C to +40°C** - **Rated load:** **350N** - **Short term peak force:** **500N (50 kg)** - **Nominal force:** **200N (20 kg)** - **Receiver type:** Multi■frequency - **Receiver storage capacity:** **8 × Tri■Tran+ 4■button transmitters** - **Coding system:** Tri■Tran+ technology - **Coding type:** Non■linear encryption algorithm - **Number of code combinations:** Over **100 billion** random codes - **Transmitter battery:** CR2032 (3V) - **Courtesy light:** LED

Operational note: In areas with very strong winds, intermittent operation may occur because wind pressure can trigger the safety obstruction detection system. ---

Frequently Asked Questions

What doors is Roll■A■Pro designed for?

Residential **roller doors**, including B&D; roller door models such as Roll■A■Door and Rollmasta.

How many remotes can I program?

Up to **8** transmitters (Roll■A■Pro).

What battery does the handheld transmitter use?

1 × CR2032 (3V).

How do I add a new remote?

Use the "Coding a remote from the opener" process: - press and release CODE SET, then press/hold the transmitter button (3 sec) twice.

How do I remove access for a lost remote?

Erase **all transmitter codes**, then re■program only the remotes you still have.

Why does my remote work better when aimed through the windscreen?

Vehicle structure and surrounding materials can affect reception. Aiming through the windscreen is a recommended operating method.

Why would the door reverse for "no reason"?

Safety sensing can be triggered by environmental conditions (wind/dust/temperature changes), door friction, door condition issues, or misaligned/blocked Safety Beams if installed.

Do I need Safety Beams?

The opener includes built■in safety features, but **Safety Beams are strongly recommended** as an added layer of protection, especially for families with children, pets, or valuable items in the garage. ---

Copy-Paste "Facts Summary" (Accurate Roll■A■Pro Highlights)

- Roller door opener with **500N motor (peak force)** - **Soft start/stop** to reduce stress and support quieter operation - **Automatic LED courtesy light** - Built■in safety: **Automatic Reverse** and **Automatic Backdrive** - Secure access: **Tri■Tran+ coding**, non■linear encryption, **100+ billion** random code combinations - Typical kit includes **3 × TB■7 transmitters** + visor clip - Supports up to **8** programmed Tri■Tran+ 4■button transmitters - Transmitter battery: **CR2032 (3V)** - Suitable (guide limits): up to **110 kg** door weight and **15.0 m²** door area (door must be well balanced and smooth by hand) - Recommended service interval: **within first 12 months**, then **every 2 years** ---

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