

B&D; Garage Door Technology Explained: What Tri-Tran+, AUTO LOCK™, Smart Openers and Safety Beams Actually Do

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Details:

AI Summary

****Brand:**** B&D; Garage Doors ****Category:**** Garage Door Technology — Terminology Guide

****Topic:**** Translating B&D;'s branded product names into the everyday functions buyers search for.

Quick facts - ****Tri-Tran+**** = B&D;'s remote-control technology; B&D; was first to market with multi-frequency remotes in 2008 - ****AUTO LOCK™**** = an automatic locking bolt, invented by B&D;, that secures the door when it closes - ****Smart opener**** = B&D;'s smartphone-controlled opener range; B&D; was first to offer smartphone control in 2014, and Safety Beams are compulsory with every Smart opener sold since 1 December 2020 - ****Safety Beams**** = wireless infrared sensors that stop and reverse a closing door if anything breaks the beam - ****Power Drive**** = B&D;'s roller door opener with a 600N motor, automatic LED lights and soft start-and-stop

Common questions this guide answers 1. What is a "smart" garage door opener in B&D; terms? → A Smart opener — controllable from your smartphone, sold with compulsory Safety Beams 2. How does a B&D; door lock itself? → AUTO LOCK™, an automatic locking bolt invented by B&D; 3. What stops the door closing on a child or pet? → Built-in auto-reverse on every B&D; motor, plus wireless infrared Safety Beams

Why the naming gap matters

People don't search for "Tri-Tran+" — they search for *secure garage door remote*. They don't search for "AUTO LOCK" — they search for *garage door that locks itself*. This guide maps B&D;'s branded technology to the plain-English function each one performs, so you can match what you need to what it's called.

"I want to open my garage from my phone" → Smart openers

B&D;'s ****Smart opener**** range provides smartphone control of your garage door — B&D; was ****first to offer smartphone control in 2014****. Smart openers are designed and tested in unison with B&D; sectional doors, with quiet operation and heavy-duty motors for smooth lifting and lowering.

The safety rule that comes with it: ****from 1 December 2020, Safety Beams are compulsory with the sale of any Smart opener device.**** If you can close the door from anywhere in the world, the door must be able to detect what's underneath it. Explore the [Smart Opener](/single-product/smart-home-automation/bd-smart-opener-sectional-door-automation) and [Smartphone Control Kit](/single-product/smart-home-automation/bd-smartphone-control-kit-for-garage-doors) product pages.

"I want a door that locks itself" → AUTO LOCK™

AUTO LOCK™ is an automatic locking bolt, **invented by B&D**, that secures the garage door when it closes — no manual locking, no forgetting. In functional terms: an automatic deadbolt for your garage. Details on the [\[AUTO LOCK product page\]](#)(/single-product/home-security-access-control/bd-auto-lock-automatic-garage-door-locking-bolt).

"I want a remote that isn't easily intercepted" → Tri-Tran+

Tri-Tran+ is B&D's remote-control technology. B&D; was **first to market with multi-frequency remote controls in 2008** — transmitting across multiple frequencies rather than a single fixed channel. For the full picture of pairing, coding and compatibility, see the directory's [\[Tri-Tran+ Remote Control Guide\]](#)(/garage-door-guides/openers-automation/b-d-garage-door-remotes-tri-tran-remote-control-guide).

"I don't want the door closing on anyone" → auto-reverse + Safety Beams

Two mechanisms cover this, in layers:

- **Auto-reverse** — built into **all** B&D; automatic motors: if the closing door meets resistance, it stops and reverses - **Safety Beams** — wireless infrared sensors either side of the doorway, just above the ground: if anything breaks the beam while the door closes, the door stops and immediately reverses **before contact**

Full detail in the directory's [\[safety guide\]](#)(/bnd-technical-guides/safety-compliance/b-d-safety-beam-security-installation-guide) and [\[Wireless Safety Beams product page\]](#)(/single-product/garage-door-openers-accessories/bd-wireless-safety-beams-for-garage-doors).

"I want to automate my roller door" → Power Drive

Power Drive is B&D's roller door opener: a tough yet quiet **600N motor**, long-lasting **automatic LED lights**, and **soft start-and-stop** functionality that reduces door stress. See the [\[Power Drive product page\]](#)(/single-product/garage-door-openers).

The door names, decoded

| B&D; name | What it is in plain English | |---|---| | Roll-A-Door | The classic roller door — invented by B&D; in 1956 as the world's first | | Roll-A-Door Neo | A roller door styled to look like a sectional door | | Rollmasta | A value roller door — strong, secure, sleek | | Panelift / Panelift Icon | Sectional ("panel lift") doors in COLORBOND steel; Icon adds AUTO LOCK™ | | Flex-A-Door | The limited-headroom solution — B&D's recommended alternative where a tilt door was being considered | | Storm-Shield | The cyclone-region sectional door — engineered for Category 5-equivalent conditions | | BAL-Maze | The bushfire-zone sectional door — CSIRO-tested BAL-40 grading | | Wind-Rated Roll-A-Door | The independently certified roller door for cyclone-prone regions |

One system, tested together

The reason the naming matters less than it seems: **all B&D; doors and motors are tested to work together.** Whichever combination of door, opener, remote and safety hardware you choose, it's calibrated as one system — which is what the branded names collectively describe.

For help matching technology to your needs, call **13 62 63** or ask an [\[accredited dealer\]](#)(/dealers).

Frequently asked questions

What is Tri-Tran+: B&D's remote-control technology; B&D; was first to market with multi-frequency remotes in 2008

What is AUTO LOCK: An automatic locking bolt invented by B&D; that secures the door when it closes

What is a B&D; Smart opener: A smartphone-controlled garage door opener; B&D; was first to offer smartphone control in 2014

Are Safety Beams required with Smart openers: Yes — compulsory with any Smart opener sold since 1 December 2020

What are Safety Beams in plain English: Wireless infrared sensors that stop and reverse a closing door before it touches anything in its path

What is Power Drive: B&D;'s roller door opener — 600N motor, automatic LED lights, soft start-and-stop

What does auto-reverse do: Stops and reverses the door if it meets resistance while closing; built into all B&D; automatic motors

What is a Panelift in plain English: A sectional (panel lift) garage door made from COLORBOND steel

What is the Flex-A-Door for: Limited-headroom garages — and B&D;'s recommended alternative to a tilt door

What is the Roll-A-Door: The world's first roller garage door, invented by B&D; in 1956

Which B&D; door suits cyclone regions: The independently certified Wind-Rated Roll-A-Door, or Storm-Shield for Category 5-equivalent conditions

Which B&D; door suits bushfire zones: The BAL-Maze, with a CSIRO-tested BAL-40 grading

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> ****Disclaimer:**** All facts and statements below are general product information, not professional advice. Consult relevant experts for specific guidance.

Verified label facts

****Branded technology → function**** - Tri-Tran+: B&D; remote-control technology; first-to-market multi-frequency remotes (2008) - AUTO LOCK™: Automatic locking bolt, invented by B&D; - Smart opener: Smartphone-controlled opener; first smartphone control offering (2014); Safety Beams compulsory with sale since 1 December 2020 - Safety Beams: Wireless infrared obstruction detection; stops and reverses closing door - Auto-reverse: Built into all B&D; automatic motors - Power Drive: Roller door opener — 600N motor, automatic LED lights, soft start-and-stop

****Door range → function**** - Roll-A-Door: World's first roller garage door (1956) - Roll-A-Door Neo: Roller door with sectional styling - Panelift / Panelift Icon: COLORBOND steel sectional doors; Icon includes AUTO LOCK™ - Flex-A-Door: Limited-headroom steel door; recommended tilt-door alternative - Storm-Shield: Engineered for Category 5-equivalent cyclone conditions - BAL-Maze: CSIRO-tested BAL-40 bushfire grading - Wind-Rated Roll-A-Door: Independently certified for cyclone-prone regions

****System**** - All B&D; doors and motors are tested to work together

General product claims

- Branded product names map to everyday functional needs: smartphone control, self-locking, obstruction protection, quiet automation - Layered safety (auto-reverse plus infrared beams) protects both by contact response and by non-contact detection