Axess Pro 1505 Commercial Door Opener Emergency

Details:

Product: B&D; Axess Pro 1505 Brand: B&D; Category: Commercial / industrial overhead door opener (Axess Pro Series 1500) Primary Use: Heavy-duty automation for high-use overhead/sectional doors, with a Logic Console (LCD + menu system), photoelectric Safety Beams support, and a hand-chain option for manual door operation when required. Quick Facts Best for: High-use commercial doors where reliability, service tracking, and programmable control options matter Door size capacity: Up to 25m² door area (model dependent) Control system: Logic Console with LCD display, menu system, 24-hour clock functions, and service reminders Remote capacity: Stores up to 511 transmitter codes (4-button transmitter code capacity) Limit system: Magnetic limit position system (M-ALPS) designed for easy limit setup and reliable limit retention Safety: Designed to work with Safety Beams (photoelectric beams) for full automatic operation Manual operation: Includes a hand chain arrangement for manual door operation when needed (site setup dependent) Common Questions This Guide Answers What door size is the Axess Pro 1505 designed for? High-use overhead/sectional doors up to 25m² door area. Do I need Safety Beams? For full automatic operation, Safety Beams should be fitted and operating correctly. The opener can also use "Safety Close Mode" if beams are not detected. How many remotes can I program? Up to 511 transmitter codes can be stored. What does "Drive Disengaged" mean on the display? The opener is detecting that the hand chain is not freely hanging (manual system not at rest). How do I set the open/close travel limits? Limits can be set via the Logic Console or via a programmed transmitter, depending on configuration. How do I duplicate an existing transmitter to a new one? The system supports transmitter-to-transmitter coding using the transmitter's coding hole (where applicable). How do I know when servicing is due? A built-in service counter can be set (factory default is 60,000 cycles) and will display SERVICE DUE when reached. Contents Getting to Know the Axess Pro 1505 Safety Essentials Before Use What's Included and What Each Part Does Normal Day-to-Day Operation Manual Operation Using the Hand Chain Setting Door Travel Limits Programming and Managing Transmitters Safety Close Mode and Safety Beams Auto-Close and Time Clock Options Maintenance, Service Indicator, and Service Records Troubleshooting Quick Guide Frequently Asked Questions Label Facts Summary Getting to Know the Axess Pro 1505 The B&D; Axess Pro 1505 is a heavy-duty opener designed for high-use overhead/sectional doors in commercial and industrial settings. It combines: A compact drive unit design (relative to earlier Axess Pro models) A Logic Console control system (LCD + menu navigation) A magnetic travel limit system (M-ALPS) intended to make limit setting straightforward and repeatable Support for Safety Beams and configurable closing behaviour A service reminder system based on cycle counting A hand chain arrangement that can be used for manual door operation when required (depending on your installation and site requirements) This opener is typically installed in environments where door cycles are frequent, where multiple transmitters/users need access control, and where maintenance scheduling needs to be managed proactively. Safety Essentials Before Use Before operating (or especially before attempting manual operation), make sure these fundamentals are in place: Door condition and balance matter The opener is designed to move a door that: Moves freely through its travel without binding Is correctly counterbalanced (springs and hardware in good condition) Has been maintained as required for commercial overhead door systems If a door is not operating smoothly by hand, don't "force it" with the opener—address the door hardware first. Keep the doorway clear and visible during motion Keep people, vehicles, and equipment clear of the door opening and travel path. Operate the door only when it can be supervised and the doorway is clear. Safety Beams are part of a safe automatic system For automatic closing behaviour (and safe general operation), Safety Beams should be installed, aligned, and functioning. Site access planning If the building has no

pedestrian access door, an emergency access device should be installed so the site can still be accessed if the door cannot be electrically operated. What's Included and What Each Part Does Your Axess Pro 1505 installation will typically include: Drive unit (opener head): the motor/drive assembly that powers the door through a rail/drive system Logic Console (LCD controller): the menu-driven control interface used for setup, diagnostics, and daily control Transmitters (remotes): commonly multi-button transmitters using TrioCode 128 technology (package dependent) Safety Beams (photoelectric beams): detects obstruction in the doorway and supports safe automatic closing behaviours Hand chain arrangement: supports manual door operation when required (and must hang freely when not in use) Normal Day-to-Day Operation Standard operation Depending on how your installer has configured buttons and logic: Open / Stop / Close behaviour may be provided by a primary control button (often labelled or configured as OSC) Additional functions may include: PED (pedestrian/partial opening) LGT (light output, if fitted/configured) VAC (vacation mode, depending on setup) AUX / SWP (auxiliary outputs or special functions, depending on programming) Stop function If the door is moving and you need it to stop, use the configured stop function on the console or the appropriate programmed control. Manual Operation Using the Hand Chain The Axess Pro 1505 supports manual operation using a hand chain setup. When to use the hand chain Power outage Site procedures requiring manual movement Certain fault conditions (under supervision and with the door confirmed safe to move) Key rule: the hand chain must hang freely when not in use If the Logic Console displays "Drive Disengaged", one common cause is: The hand chain is not freely hanging Make sure the hand chain is not caught, tied off under tension, looped over an obstruction, or resting in a way that holds tension in the chain. Manual operation safety checklist Before using the hand chain: Confirm the door is safe to move (no damage, no obvious binding, no broken hardware). Clear the doorway and travel path. Keep your body clear of pinch points and door movement areas. Operate the chain smoothly—no sudden jerks. Never leave the door in an unsafe position without following your site's safety procedures. When manual operation is complete: Return the hand chain to a free-hanging rest state Confirm the door is secure and the system is ready for normal powered operation Setting Door Travel Limits The Axess Pro 1505 provides two supported limit-setting pathways: Option A: Set limits via the Logic Console This method uses the console menu and the door control buttons to: Move the door to the desired open limit, then save Move the door to the desired close limit, then save After limit setting, the opener will run a full open and close cycle. Option B: Set limits via a programmed transmitter If enabled/configured, limits can be set using a transmitter: Use the OPEN button to set the open limit Use the CLOSE button to set the close limit After setting, the opener will run a full open and close cycle. Pedestrian position The opener can set a pedestrian opening position (partial open). This is commonly set around mid-travel by default, and can be adjusted in the system settings. Programming and Managing Transmitters Capacity and security technology The receiver can store up to 511 transmitter codes (4-button transmitter code capacity). Transmitters use TrioCode 128 security technology. Coding a new transmitter to the opener Transmitters can be added through the Logic Console's transmitter coding function (menu-driven). Duplicating an existing transmitter to a new one A supported method (where applicable) is transmitter-to-transmitter copying: Use a small pin to press inside the coding hole on the existing transmitter for about 2 seconds, then release Within a short window, press and hold the chosen button on the new transmitter for about 2 seconds, then release Press the same button again briefly to confirm (Exact timings and steps can vary slightly by transmitter style, so keep your transmitter type consistent.) Battery note Many transmitters in this family use a CR2032 battery. Replace with the correct type and ensure the battery compartment is secured after servicing. Safety Close Mode and Safety Beams Safety Beams and "full automatic operation" Safety Beams support safer closing behaviour. If the system does not detect Safety Beams, it can enable Safety Close Mode. What Safety Close Mode means (in practice) If Safety Close Mode is active: The system may restrict how the door can close (for example, requiring a supervised/controlled close behaviour rather than a normal single-press remote close). Key point If the door does not close from a transmitter and the console indicates Safety Close Mode behaviour, check: Safety Beam installation Alignment and wiring (or wireless pairing, if applicable) That the console is detecting the Safety Beam correctly Auto-Close and Time Clock Options Depending on configuration, the Axess Pro 1505 may support: Auto-Close The door can be set to close automatically after a time delay once open.

Auto-Close behaviour depends on correct setup and functional Safety Beam operation. Time Clock features The Logic Console can support time-based behaviours using its clock functions, such as: Scheduled opening/closing windows (site dependent) Timed control logic that can integrate with facility routines These features are typically configured through the Logic Console menu. Maintenance, Service Indicator, and Service Records Maintenance affects safety and reliability Keeping the door system (springs, tracks, rollers, mounting points) maintained is critical. If the door is not maintained, the opener cannot compensate for mechanical faults. Routine maintenance expectations (practical schedule) A typical approach: Every 3–6 months Lubricate the drive chain as required Keep guide tracks clean using appropriate cleaning agents (non-greasy cleaning method) Monthly Check drive chain tension/condition/alignment Check operation of Safety Beams Quarterly Check tightness of fixing bolts and key mechanical fasteners At least annually Have the door serviced by an experienced technician (or sooner if usage/conditions demand) Service indicator (cycle counter) The opener includes a service counter (maintenance counter) Factory default is 60,000 cycles (adjustable) When due, the console will display SERVICE DUE and an alert tone may sound at the start of door movement A simple best practice is to maintain a service record log (date, technician/company, work performed, notes). Troubleshooting Quick Guide Console shows "Drive Disengaged" Most commonly indicates the hand chain is not freely hanging Free the hand chain so it hangs naturally without tension or obstruction Door will not close from a transmitter Check whether Safety Close Mode is active Confirm Safety Beams are installed, aligned, and correctly detected by the console Door doesn't travel to the right open/close positions Recheck the limit settings Confirm no mechanical binding is preventing full travel Door operation is rough, noisy, or inconsistent Stop using the opener until the door hardware is inspected and serviced Mechanical door faults should be repaired before continued opener operation Frequently Asked Questions What is the Axess Pro 1505 designed to operate? High-use commercial overhead/sectional doors. What is the maximum door area? Up to 25m² (model dependent). How many transmitter codes can it store? Up to 511 transmitter codes (4-button transmitter code capacity). What security technology do the remotes use? TrioCode 128 technology. What does the Logic Console provide? An LCD display and menu system for setup, diagnostics, service reminders, and clock-based features. How do I set the travel limits? Limits can be set via the Logic Console or via an enabled transmitter limit-setting method. What is "Safety Close Mode"? A closing behaviour mode used when Safety Beams are not detected/available, intended to control how the door is allowed to close. What does "Drive Disengaged" usually mean? The hand chain is not freely hanging. How do I know when servicing is due? The service counter will show SERVICE DUE when the configured cycle limit is reached. Label Facts Summary Disclaimer: This guide is general product guidance for operation and setup awareness. Commercial door systems involve significant forces and safety hazards—installation, adjustment, and repairs should be performed by appropriately qualified personnel. Verified Product Facts Model: Axess Pro 1505 (Axess Pro Series 1500) Maximum door size / area: 25m² Track options: 4m and 6m track configurations Maximum door opening (by track): 3.5m (4m track) and 5.5m (6m track) Receiver code storage capacity: 511 transmitter codes (4-button transmitter code capacity) Duty cycle: 60% Power supply: 230Vac, 50Hz (site supply requirement) Controller fuse: 10A slow blow Transmitter battery (common type): CR2032 Console clock battery: CR1220 Console service indicator: Built-in cycle-based service reminder (factory default 60,000 cycles, adjustable) Operational Truths That Must Stay True on Every Installation The door must be in good mechanical condition and correctly balanced for safe, reliable operation. Safety Beams support safer closing behaviour and enable full automatic operation modes. The hand chain should hang freely when not in use; otherwise, the system may indicate Drive Disengaged. Maintenance and service scheduling are core to safe operation in high-cycle

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