

Ajax Superior DoorProtect G3 Jeweller

Wireless reed-switch opening detector with shock, tilt, and masking sensors



This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and maintain Superior products.



>|< Reliable detection

- Two reed switches to detect doors or windows being opened
- Accelerometer to detect impacts, vibrations, and changes in the tilt angle
- Plastic reed switches for more durable performance compared to glass alternatives
- Adjustable alarm parameters for shock and tilt sensors to ensure accurate detection

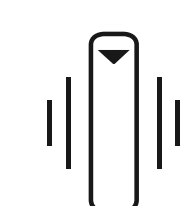
Superior Jeweller and Wings communication technologies

- Up to 3,500 m (11,450 ft) of radio communication² in open space
- Enhanced data encryption
- Regular polling to display current device state
- Device authentication to prevent spoofing
- Over-the-air firmware updates



Sabotage resistance

- Advanced anti-masking system compliant with Grade 3 requirements
- Holding screw for securing the detector and magnet on SmartBracket
- Tamper alarm on dismantling or detachment
- Frequency hopping for radio interference and jamming protection
- Communication loss detection³ within 36 s



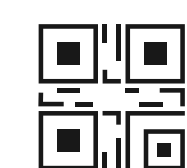
Additional features

- Additional NC input for connecting a third-party detector
- Protection against reed switch chattering to prevent false alarms
- Chime¹ feature: Ajax sirens make a special sound when someone opens the door



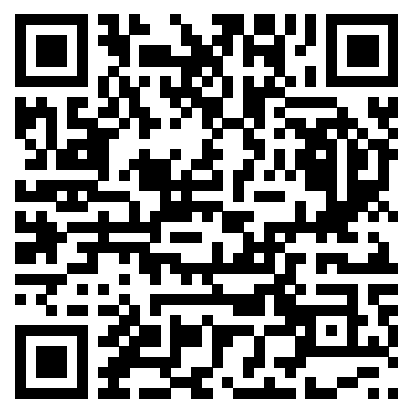
System supervision

- Low battery notifications and status display in Ajax apps
- Automatic device self-diagnosis with state report generation
- Regular sensor performance check
- Notifications in case of malfunctions



Easy installation and setup

- Adding to the system via a QR code
- SmartBracket mounting panel for installation without enclosure disassembly
- Remote control and configuration in mobile and desktop Ajax apps
- Installation kit with all necessary fasteners
- Up to 5 years (TBC) of operation on enhanced pre-installed batteries

<div><div>Compliance with standards</div><div>EN 50131 (Grade 3) PD 6662:2017</div></div>	<div><div>Compatibility with hubs and range extenders</div><div>For detailed information, scan the QR code or follow the link:</div><div></div><div>ajax.systems/tools/devices-compatibility/?models=DP.G3.J</div></div>	<div><div>Communication with a hub or range extender</div><div>Wings communication technology</div><div>Superior Jeweller communication technology</div><div>Frequency bands 865.0–868.0 MHz 868.0–868.6 MHz 868.7–869.2 MHz 869.4–869.65 MHz The device supports these four bands</div><div>Communication range² up to 3,500 m up to 11,450 ft In open space</div><div>Over-the-air firmware updates</div></div>	<div><div>Opening detection</div><div>Sensitive elements 2 reed switches 1 accelerometer 1 magnetometer</div><div>Shock sensor sensitivity 3 levels Adjusted by a PRO or user with admin rights in the Ajax app</div><div>Tilt sensor activation threshold from 5° to 25° Adjusted by a PRO or user with admin rights in the Ajax app</div><div>Magnetometer sensitivity 3 levels Adjusted by a PRO or user with admin rights in the Ajax app</div><div>Magnet spoofing detection</div><div>Third-party detector connection wired detector with the normally closed (NC) contact type</div></div>
<div><div>Power supply</div><div>Battery 1 × CR123A (pre-installed)</div><div>Battery life (TBC) up to 5 years</div></div>	<div><div>Installation</div><div>Operating temperature range from -10 °C to +40 °C from 14 °F to 104 °F</div><div>Operating humidity up to 75%</div></div>	<div><div>Enclosure</div><div>Color white, black</div><div>Dimensions 103 × 22 × 21 mm 4.06" × 0.87" × 0.83"</div><div>Weight 39 g 1.38 oz</div><div>Protection class IP30</div></div>	<div><div>Complete set</div><div>Ajax Superior DoorProtect G3 Jeweller SmartBracket mounting panel CR123A battery (pre-installed) Magnet Connector for a third-party detector Installation kit Quick start guide</div></div>




¹ The Chime feature requires the [indoor or outdoor siren](#) or [keypad](#) with a buzzer.

² Communication range depends on the [hub model](#).

³ If the polling interval is set to send three data packets as often as 12 seconds.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/superior-doorprotect-g3-jeweller/

-  support@ajax.systems
-  [@AjaxSystemsSupport_Bot](https://t.me/AjaxSystemsSupport_Bot)
-  ajax.systems