

DoorProtect Plus U Jeweller

Wireless reed-switch opening detector
with shock and tilt sensors



Reliable detection

- Two reed switches to detect doors or windows being opened
- Accelerometer to detect impact, vibration, and tilt angle changes
- Configurable sensitivity for shock and tilt sensors

Additional features

- Plastic reed switches: more durable than the glass ones
- Connector for a third-party detector with an NC (normally closed) contact
- Chime¹ feature: Ajax sirens signal a door being opened

Jeweller communication technology

- Up to 1,200 m of radio communication range with an Ajax hub or range extender in an open space
- Data encryption throughout the transmission
- Regular polling to display the current device state

Flawless autonomy

- Up to 5 years of battery lifespan
- Low battery notifications

Sabotage protection

- Tamper alarm to notify of device dismantling
- Device authentication to prevent spoofing
- Communication loss detection
- Holding screw for reliable attachment to SmartBracket

Quick installation and setup

- Flexible installation with two reed switches and two magnets of different sizes
- Pairing with the hub by scanning the QR code
- Remote control and configuration via Ajax apps
- SmartBracket mounting panel for easy installation without disassembling the enclosure



Compliance with standards	Compatibility with hubs and range extenders	Communication with the hub or range extender	Detection
EN 50131 (Grade 2)			
PD 6662:2017	For detailed information, scan the QR code or follow the link:	Jeweller radio communication technology	Sensitive elements
		Frequency bands	2 x reed switch
	ajax.systems/tools/devices-compatibility/?models=DP.SP.J-000-EU	868.0–868.6 MHz	1 x accelerometer
		Communication range	Shock sensor sensitivity
		up to 1,200 m	3 levels
		In an open space	Tilt sensor activation threshold
			from 5° to 25°
			Adjusted by PRO or user with admin rights in the Ajax app.
			Input to connect a third-party detector
			Wired detector with the normally closed (NC) contact type
			Chime ¹
			The siren notifies that an opening detector is triggered when the system is disarmed.
Power supply	Installation	Enclosure	Complete set
Battery	Operating temperature range	Color	DoorProtect Plus U Jeweller
1 x CR123A (pre-installed)	from –10 °C to +40 °C	white, black	SmartBracket mounting panel with a holding screw
Battery life	Operating humidity	Dimensions	CR123A battery (pre-installed)
up to 7 years	up to 75%	103 × 22 × 21 mm	Big magnet
	Protection class	Weight	Small magnet
	IP50	37 g	Outside-mounted terminal clamp
			Installation kit
			Quick start guide

¹ The Chime feature is available only when an Ajax system includes sirens.



For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/doorprotect-plus-u-jeweller/