# ManualCallPoint (Red) Jeweller

Red-colored wireless wall-mounted button for manual fire alarm activation

| **Compatibility** | **Control panels**  Hub Plus  Hub 2 (2G)  Hub 2 (4G)  Hub 2 Plus  Hub Hybrid (2G)  Hub Hybrid (4G)  **Range extenders**  ReX  ReX 2 |
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| **Communication** | **Jeweller communication technology**  Proprietary wireless communication technology to transmit commands, alarms, and events.  Key features:   * Two-way communication. * Advanced anti-sabotage. * Block encryption featuring a dynamic key. * Instant notifications. * Remote configuration in the Ajax apps.   **Frequency bands**  866.0–866.5 MHz  868.0–868.6 MHz  868.7–869.2 MHz  905.0–926.5 MHz  915.85–926.5 MHz  921.0–922.0 MHz  Depends on the region of sale.  **Maximum effective radiated power (ERP)**  up to 25 mW  Automatic power control to reduce power consumption and noise interference.  **Radio signal modulation**  GFSK  **Radio signal range**  up to 1,700 m  up to 5,500 ft  Between button and hub (or range extender) in an open space.  **Encrypted communication**  All stored and transmitted data are protected by block encryption featuring a dynamic key.  **Frequency hopping**  Radio communication uses frequency hopping to prevent interception and jamming. |
| **Key features** | **Resettable frangible element**  activates the button  When the central part (frangible element) is pressed, the button depresses inward, triggering an alarm or initiating a scenario. Two yellow stripes appear at the top and bottom, indicating the device's state.  **Operating modes**  fire alarm  scenario trigger  With appropriate settings, it activates an alarm or controls [Ajax automation devices](https://ajax.systems/products/automation/).  **LED status indication**  fire alarm  malfunctions  The LED indicator on the device enclosure lights up when a fire alarm is triggered or malfunctions are detected.  **Interconnected fire detectors alarms**  by pressing the button  By pressing the frangible element, fire detectors in the system trigger the built-in sirens.  **Critical alerts**  The system can activate intrusion sirens and send audible alarm notifications to users, even if the sound is muted, the **Do Not Disturb** mode is on, or headphones are connected.  **Protection against accidental presses**  Lift the transparent lid to access the frangible element. The lid protects against false button presses.  **Alarm transmission to CMS**  can be disabled |
| **Special tool (key)** | **Button reset**  after pressing  To reset the button, insert the special tool into the corresponding hole.  **Hole in the enclosure**  to hang on a ring from a keychain  The person responsible for fire safety can carry the special tool on their keychain.  **Convenient dismantling**  The special tool opens the lock to dismantle the device from SmartBracket mounting panel. |
| **Recomendations** | It is recommended to install the button in easily accessible places at a height of 1.4 m.  The device is designed for indoor installation only. |
| **Sabotage protection** | **Tamper alarm**  Notifies on attempts to detach the button from the surface or remove it from the mounting panel.  **Protection against spoofing**  device authentication  **Communication loss detection**  after 36 s  The detection time depends on the Jeweller or Jeweller/Fibra settings. |
| **Power supply** | **Batteries**  2 × CR123A  Pre-installed. With typical use (one press lasting 1 minute per week), the batteries can last up to 7 years. |
| **Enclosure** | **Dimensions**  102 × 104 × 39 mm  4.02″ × 4.09″ × 1.53″  **Weight**  214 g  7.55 oz  **Operating temperature range**  from 0 °C to +50 °C  from 32 °F to 122 °F  **Operating humidity**  up to 80% |
| **Complete set** | ManualCallPoint (Red) Jeweller  SmartBracket mounting panel  Special tool (key)  2 × CR123A battery (pre-installed)  Installation kit  Quick start guide |
| **Warranty** | 24 months |