

Superior MultiTransmitter Fibra

Wired module to integrate up to 18 third-party devices into an Ajax system



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

Superior MultiTransmitter Fibra is available for order either in its original casing or as a board. The board is compatible¹ with Case D (430).



The second life of an old wired alarm

Superior MultiTransmitter Fibra is a wired integration module that allows for third-party wired devices to be connected to an Ajax system. With this module, security companies can complement an Ajax system with nearly any device to build comprehensive security solutions for projects of various complexity. Also, the module provides an outdated yet functional alarm setup with all the benefits of the modern Ajax ecosystem, which is more cost-efficient than an upgrade.

Control and configuration in Ajax apps

Superior MultiTransmitter Fibra allows users to manage their security system with connected third-party devices, receive informative notifications, and use automation scenarios via Ajax apps. Security companies, in turn, stay informed of the current system state and configure the connected devices remotely via Ajax PRO apps, which eliminates the need for on-site visits.

Maximum compatibility

- Support of NC, NO, EOL, 2EOL, and 3EOL connection types
- KeyArm Zone
- One 12 V $\overline{=}$ power supply output for a fire detector and three outputs for other devices
- Over 10 event types for connected devices

Sabotage protection

- Two tamperers to detect attempts to open a lid and detach the device, and a connector for an Ajax Case tamper board
- Superior MultiTransmitter Fibra authentication to prevent spoofing
- Protection against third-party device spoofing thanks to EOL connection support
- Protection against short circuits

Fibra communication technology

- Up to 2,000 m (6,550 ft) of wired communication with a hub or a module that extends Fibra line
- Data encryption throughout the transmission between Superior MultiTransmitter Fibra and an Ajax hub
- Regular polling to display the current status of Superior MultiTransmitter Fibra
- Zero power consumption from Fibra line



Quick installation and setup

- Pairing with a hub via automatic line scanning or QR code
- Remote control and configuration via Ajax apps
- Versatile setup options: in the original casing or as a board for installing in Ajax Case¹
- EOL resistor scanning for time-efficient installation

<p>Compliance with standards</p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT SSF NFA2P for Superior MultiTransmitter Fibra (in casing)</p> <p>Compatibility with hubs</p> <p>For detailed information, scan the QR code or follow the link:</p>  <p>ajax.systems/tools/devices-compatibility/?models=MTR.Y.F%2CMTR.G3.F-001</p>	<p>Communication with a hub</p> <p>Fibra communication technology</p> <p>Wired connection U/UTP cat.5 4×2×0.51 mm (24 AWG) cable, copper conductor</p> <p>4×0.22 mm² signal cable, copper conductor</p> <p>Communication range up to 2,000 m up to 6,550 ft With U/UTP cat.5 4×2×0.51 mm (24 AWG) cable</p>	<p>Installation</p> <p>Operating temperature −10 °C to +40 °C 14 °F to 104 °F</p> <p>Operating humidity up to 75%</p> <p>Protection class IP40</p> <p>Power supply</p> <p>Main power supply 100–240 V, 50/60 Hz</p> <p>Backup power supply 12 V⁼⁼ lead-acid battery with up to 7 Ah capacity and a full charge cycle of up to 30 h Backup battery not included</p>	<p>Features</p> <p>Number of zones 18 One wired device per zone</p> <p>Connection types NC, NO, EOL, 2EOL, 3EOL</p> <p>Operating modes pulse, bistable Set by a PRO or a user with admin rights</p> <p>Types of events over 10 event types Set by a PRO or a user with admin rights</p> <p>Cable length between devices and Superior MultiTransmitter Fibra up to 400 m up to 1,300 ft When using a signal cable with a 0.22 mm² copper-clad aluminum conductor</p>
<p>Product appearance</p> <p>Superior MultiTransmitter Fibra</p> <p>Color white, black</p> <p>Dimensions 197 × 240 × 100 mm 7.76" × 9.45" × 3.94"</p> <p>Weight of device in black 795 g 28.04 oz</p> <p>Weight of device in white 867 g 30.58 oz</p> <p>Two tampers and a connector for an Ajax Case tamper board</p>	<p>Superior MultiTransmitter Fibra (without casing)</p> <p>Dimensions 185 × 99 × 38 mm 7.28" × 3.9" × 1.5"</p> <p>Weight 221 g 7.8 oz</p> <p>Two tampers and a connector for an Ajax Case tamper board</p>	<p>Complete set</p> <p>For Superior MultiTransmitter Fibra in the original casing</p> <p>Superior MultiTransmitter Fibra Casing Power cable Screw terminal block adapter² 12 V⁼⁼ battery connection cable Installation kit Quick start guide</p> <p>For Superior MultiTransmitter Fibra as a board</p> <p>Superior MultiTransmitter Fibra board Power cable 12 V⁼⁼ battery connection cable Installation kit Quick start guide</p>	<p>Power supply for connected devices 4 power outputs: 10.5–15 V⁼⁼, up to 1 A in total One power output for a fire detector and three outputs for other devices</p>

¹ Case D (430) is sold separately.

² Only for INCERT compliance.



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

ajax.systems/products/superior-multitransmitter-fibra/manuals

✉ support@ajax.systems

📌 @AjaxSystemsSupport_Bot

🌐 ajax.systems