

# MultiTransmitter Fibra

Soon to be: Superior MultiTransmitter Fibra

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

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

MultiTransmitter Fibra is available for order either in its original casing or as a board. The board is compatible<sup>1</sup> with Case D (430).



3  
GRADE  
EN 50131

PD 6662  
2017

INCERT

for MultiTransmitter Fibra  
(in casing)

SSF

NFA2P

for MultiTransmitter Fibra  
(in casing)

## The second life of an old wired alarm

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 Also, the module provides an outdated yet functional alarm setup with all the benefits of the modern Ajax ecosystem, which is more cost-efficient than an upgrade.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

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
- Dedicated modes for roller shutters and support of KeyArm Zone
- One 12 V $\equiv$  power supply output for a fire detector and three outputs for other devices
- Over 10 event types for connected devices



## Sabotage protection

- Two tampers to detect attempts to open a lid and detach the device, and a connector for an Ajax Case tamper board
- 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 MultiTransmitter Fibra and an Ajax hub
- Regular polling to display the current status of 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 Case<sup>1</sup>
- EOL resistor scanning for time-efficient installation

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT for MultiTransmitter Fibra (in casing) SSF NFA2P for MultiTransmitter Fibra (in casing)</p> <p><b>Compatibility</b></p> <p><b>Hubs</b> Hub Hybrid (2G) Hub Hybrid (4G)</p> <p><b>Cases</b> Case D (430)</p>	<p><b>Communication with a hub</b></p> <p><b>Fibra communication technology</b></p> <p><b>Wired connection</b> U/UTP cat.5 4×2×0.51 mm, copper conductor</p> <p>Signal cable 4×0.22 mm<sup>2</sup>, copper conductor</p> <p><b>Communication range</b> up to 2,000 m up to 6,550 ft With U/UTP cat.5 4×2×0.51 mm cable</p>	<p><b>Installation</b></p> <p><b>Operating temperature range</b> from -10 °C to +40 °C from 14 °F to 104 °F</p> <p><b>Operating humidity</b> up to 75%</p> <p><b>Protection class</b> IP40</p> <p><b>Power supply</b></p> <p><b>Main power supply</b> 100–240 V, 50/60 Hz</p> <p><b>Backup power supply</b> 12 V<sup>==</sup> 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><b>Features</b></p> <p><b>Number of zones</b> 18 One wired device per zone</p> <p><b>Connection types</b> NC, NO, EOL, 2EOL, 3EOL</p> <p><b>Operating modes</b> pulse, bistable Set by a PRO or a user with admin rights</p> <p><b>Types of events</b> over 10 event types Set by a PRO or a user with admin rights</p> <p><b>Cable length between devices and MultiTransmitter Fibra</b> up to 400 m up to 1,300 ft When using a signal cable with a 0.22 mm<sup>2</sup> copper-clad aluminum conductor</p> <p><b>Power supply for connected devices</b> 4 power outputs: 10.5–15 V<sup>==</sup>, up to 1 A in total One power output for a fire detector and three outputs for other devices</p>
<p><b>Casing</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 196 × 238 × 100 mm 7.72" × 9.37" × 3.94"</p> <p><b>Weight</b> 798 g 28.15 oz</p> <p><b>Two tampers and a connector for an Ajax Case tamper board</b></p>	<p><b>Board</b></p> <p><b>Dimensions</b> 185 × 99 × 38 mm 7.28" × 3.9" × 1.5"</p> <p><b>Weight</b> 221 g 7.8 oz</p> <p><b>Two tampers and a connector for an Ajax Case tamper board</b></p>	<p><b>Complete set</b></p> <p><b>For MultiTransmitter Fibra in the original casing</b></p> <p>MultiTransmitter Fibra Casing Power cable Screw terminal block Adapter<sup>2</sup> 12 V<sup>==</sup> battery connection cable Installation kit Quick start guide</p> <p><b>For MultiTransmitter Fibra as a board</b></p> <p>MultiTransmitter Fibra board Power cable 12 V<sup>==</sup> battery connection cable Installation kit Quick start guide</p>	

<sup>1</sup> Case D (430) is sold separately.

<sup>2</sup> Only for INCERT compliance.

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



MultiTransmitter Fibra  
[ajax.systems/support/  
devices/multitransmitter-fibra](https://ajax.systems/support/devices/multitransmitter-fibra)



MultiTransmitter Fibra (without casing)  
[ajax.systems/support/devices/  
multitransmitter-fibra-without-casing](https://ajax.systems/support/devices/multitransmitter-fibra-without-casing)

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