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[1] 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 Also, the module provides an outdated yet functional alarm setup with all the benefits of the modern Ajax ecosystem, which is more cost-efficient than an upgrade.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
- KeyArm Zone
- One 12 V⎓ 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[1]
- EOL resistor scanning for time-efficient installation

Compliance with standards

EN 50131 (Grade 3)
PD 6662:2017
INCERT
for MultiTransmitter Fibra
(in casing)
SSF
NFA2P
for MultiTransmitter Fibra
(in casing)

Compatibility

Hubs
Hub Hybrid (2G)
Hub Hybrid (4G)

Cases
Case D (430)

Communication with a hub

Fibra communication technology

Wired connection
U/UTP cat.5 4×2×0.51 mm,
copper conductor

Signal cable 4×0.22 mm²,
copper conductor

Communication range
up to 2,000 m
up to 6,550 ft
With U/UTP
cat.5 4×2×0.51 mm cable

Installation

Operating temperature range
from –10 °C to +40 °C
from 14 °F to 104 °F

Operating humidity
up to 75%

Protection class
IP40

Power supply

Main power supply
100–240 V, 50/60 Hz

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

Features

Number of zones
18
One wired device per zone

Connection types
NC, NO, EOL, 2EOL, 3EOL

Operating modes
pulse, bistable
Set by a PRO or a user
with admin rights

Types of events
over 10 event types
Set by a PRO or a user
with admin rights

Cable length between devices and 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

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

Casing

Color
white, black

Dimensions
196 × 238 × 100 mm
7.72" × 9.37" × 3.94"

Weight
798 g
28.15 oz

Two tampers and a connector for an Ajax Case tamper board

Board

Dimensions
185 × 99 × 38 mm
7.28" × 3.9" × 1.5"

Weight
221 g
7.8 oz

Two tampers and a connector for an Ajax Case tamper board

Complete set

For MultiTransmitter Fibra in the original casing

MultiTransmitter Fibra
Casing
Power cable
Screw terminal block
Adapter[2]
12 V⎓ battery connection cable
Installation kit
Quick start guide

For MultiTransmitter Fibra as a board

MultiTransmitter
Fibra board
Power cable
12 V⎓ battery connection cable
Installation kit
Quick start guide

[1] Case D (430) is sold separately.

[2] Only for INCERT compliance.

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

MultiTransmitter Fibra
ajax.systems/support/devices/multitransmitter-fibra

MultiTransmitter Fibra (without casing)
ajax.systems/support/devices/multitransmitter-fibra-without-casing

support@ajax.systems
@AjaxSystemsSupport_Bot
ajax.systems