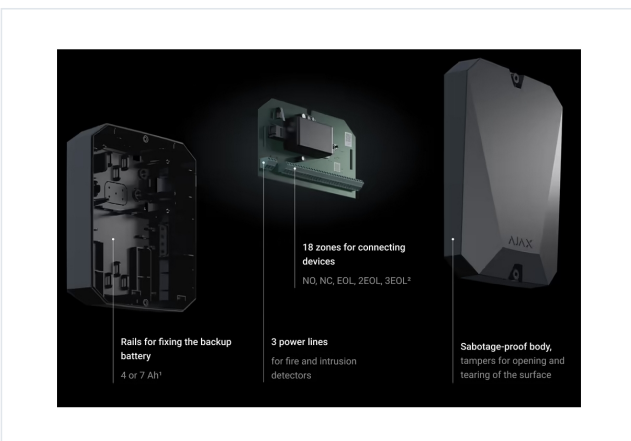


AJAX-MT-INDR-W

Ajax - MultiTransmitter Jeweller - White Indoor module for connecting Wired alarms to Ajax systems

Product Overview

Ajax - MultiTransmitter Jeweller - White Indoor module for connecting Wired alarms to Ajax systems, 18 zones for connecting devices, Sabotage-proof body, 3 Power lines, Add Backup Battery, 1927321-62-WH1



Specifications

Overview:

MultiTransmitter

Module for connecting wired alarm to Ajax and managing security via the app

The second life of an old wired alarm

We understand how difficult it is to decide on a wired alarm upgrade. It is a common situation when your system is still capable of protecting your property but is clearly outdated. Renovating with Ajax doesn't force you to leave behind the current equipment. It gives you a chance to build modern complex security based on existing wired equipment.

Features:

Security via smartphone

With MultiTransmitter, system users get security control via app, data-rich notifications, and automation scenarios. An installer

can set up the system or device in the PRO-app, both while on-site and remotely.

More Ajax features

Perimeter IR detectors, household gas sensors, thermostats, float sensors, and other devices are ready to expand the Ajax areas of use. Connect them to a hub via MultiTransmitter and manage the combined security system in the Ajax app.

Less hassle with automated security

Use automation scenarios so that the security system instantly responds to threats without waiting for police. Ajax will be armed by schedule, turn on the light by the alarm of a motion detector, switch off the potential cause of ignition at the first sign of fire. With MultiTransmitter, an old alarm system becomes part of a safe and smart home.

Data-rich alarms

With MultiTransmitter, you can specify the device name, the type of alarm and a room for each wired device. This makes notifications more informative - you know not just what happened but where. This information is displayed using push notification, SMS, and is also sent to the security company's monitoring station using an appropriate code. A total of 9 types of alarms are available: intrusion, fire alarm, auxiliary alarm, panic button, gas alarm, leakage, tamper alarm, malfunction, custom (service event).

Radio communication without reliability compromises

MultiTransmitter communicates with a hub via an encrypted Jeweller radio protocol. This is a TDMA technology developed by Ajax Systems for uninterrupted communication with devices. Jeweller detects jamming attempts, switches to the backup frequencies in case of interference, and allows Ajax wireless devices to run on battery power for years.

Security without barriers

When using radio signal range extenders, Ajax security system's radio network can cover up to 35 km². But if some rooms are impermeable to radio waves, connecting wired devices via MultiTransmitter is the best solution. The length of wires can reach 400 meters.

Protected against sabotage

MultiTransmitter will inform you instantly if the connected devices have been interrupted with short circuit, disconnection of the signal cable, or tampering alarm. Electricity loss at the site will not be a problem either - the backup battery can provide power to devices for up to 4 days. MultiTransmitter body itself is equipped with two tampers that respond to removal of the integration module from the surface and removal of the lid.

- Instant connection loss detection with wired device (EOL)
- Free space in the body for a backup battery 7 Ah
- 2 tampers that detect dismounting and opening of the body

Made by professionals for professionals

We made sure that the installation and setup process does not require any extra time or effort. Like other Ajax devices, MultiTransmitter connects to a hub in the app by scanning a QR-code. When connecting wired devices, you don't need to know the resistors' resistance values. The system will also warn you if a device was not connected correctly.

Specifications:

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Specifications

Product Code	AJAX-MT-INDR-W
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Compatibility

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Product Specification Sheet

Compatible hub models	All Ajax hubs
	The Hub control panel does not support the 2EOL and 3EOL connection types. Other hub models require the OS Malevich firmware version 2.13 or higher to support such connection types.
Compatible range extenders	All Ajax radio signal range extenders
Communication with a hub or range extender	
Jeweller communication technology	Proprietary wireless communication technology to transmit alarms and events.
	It features:
	Two-way communication.
	Advanced anti-sabotage.
	Block encryption featuring a dynamic key.
	Instant notifications.
	Remote configuration via 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 sales region.
Maximum effective radiated power (ERP)	up to 20 mW
Radio signal modulation	GFSK
Radio communication range	up to 2,000 m
	Between an integration module and a hub/range extender in an open space.
	Calculate radio communication range
Encrypted communication	All the data stored and transmitted are protected by block encryption with a dynamic key.
Radio frequency hopping	To prevent interception and jamming.
Wired devices connection	
Number of zones	18 wired zones
	Multiple devices can be connected to one zone. The number of connected devices depends on their power consumption.
Type of connection	NC, NO, EOL
	MultiTransmitter with a firmware version lower than 2.13.
	NC, NO, EOL, 2EOL, 3EOL
	MultiTransmitter with a firmware version 2.13 and higher. The Hub control panel does not support the 2EOL and 3EOL connection types. Other hub models require the OS Malevich firmware version 2.13 or higher to support such connection types.

ComX Computers

Product Specification Sheet

EOL resistance	from 1 kohm to 7.5 kohm with 100 ohm increment
	MultiTransmitter with a firmware version lower than 2.13. EOL resistance is measured automatically in the Ajax PRO apps.
	from 1 kohm to 15 kohm for each resistor, up to 30 kohm of total resistance
	MultiTransmitter with a firmware version 2.13 and higher. Resistance is measured automatically for each EOL resistor in the Ajax PRO apps.
Cable length	up to 400 m
	When using a signal cable with a 0.22 mm ² copper-clad aluminium conductor.
Operation mode	pulse, bistable
	Adjusted by a PRO or user with admin rights in the Ajax app.
Event type	9 types of events for each wired zone
	Intrusion
	Fire
	Medical help
	Panic button
	Gas alarm
	Tamper alarm
	Malfunction
	Leakage
	Custom
	Adjusted by a PRO or user with admin rights in the Ajax app.
Recommendations	
Recommendations	The device is powered from the 110-240 V~ mains and designed for indoor use only.
Anti-sabotage protection	
Tamper alarm	Two tampers to detect the MultiTransmitter casing opening and alert about detachment from the wall.
Protection against spoofing	with the integration module authentication
Communication loss detection	within 36 seconds
	Between a hub or range extender and MultiTransmitter. The detection time depends on the Jeweller or Jeweller/Fibra settings.
Instant detection of wired connection loss, short circuits, and malfunctions	when using EOL/2EOL/3EOL connection type
	Depends on the connection type.
Power supply	
MultiTransmitter power supply	100-240 V~, 50/60 Hz
MultiTransmitter backup power supply	12 Vdc, up to 7 Ah capacity with a full charge cycle of up to 30 hours
	The backup battery is not included in the set.

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Product Specification Sheet

Connected devices power supply	10.5-15 Vdc, up to 1 A of total maximum current consumption
	Four power lines powered by MultiTransmitter: one for fire detectors, and three for other devices.
Casing	
Dimensions	192 x 238 x 100 mm
Weight	805 g
Operating temperature range	from -10degC to +40degC
Operating humidity	up to 75%
Protection class	IP40
Colours	
Colours	Black
	White
Complete set	
Complete set	MultiTransmitter board
	Casing
	Power cable
	Screw terminal block Adapter (only for INCERT compliance)
	12 Vdc battery connection cable
	Installation kit
	Quick Start Guide

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/AJAX-MT-INDR-W-Ajax-MultiTransmitter-Jeweller-White-Buy-p-284646.php>

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