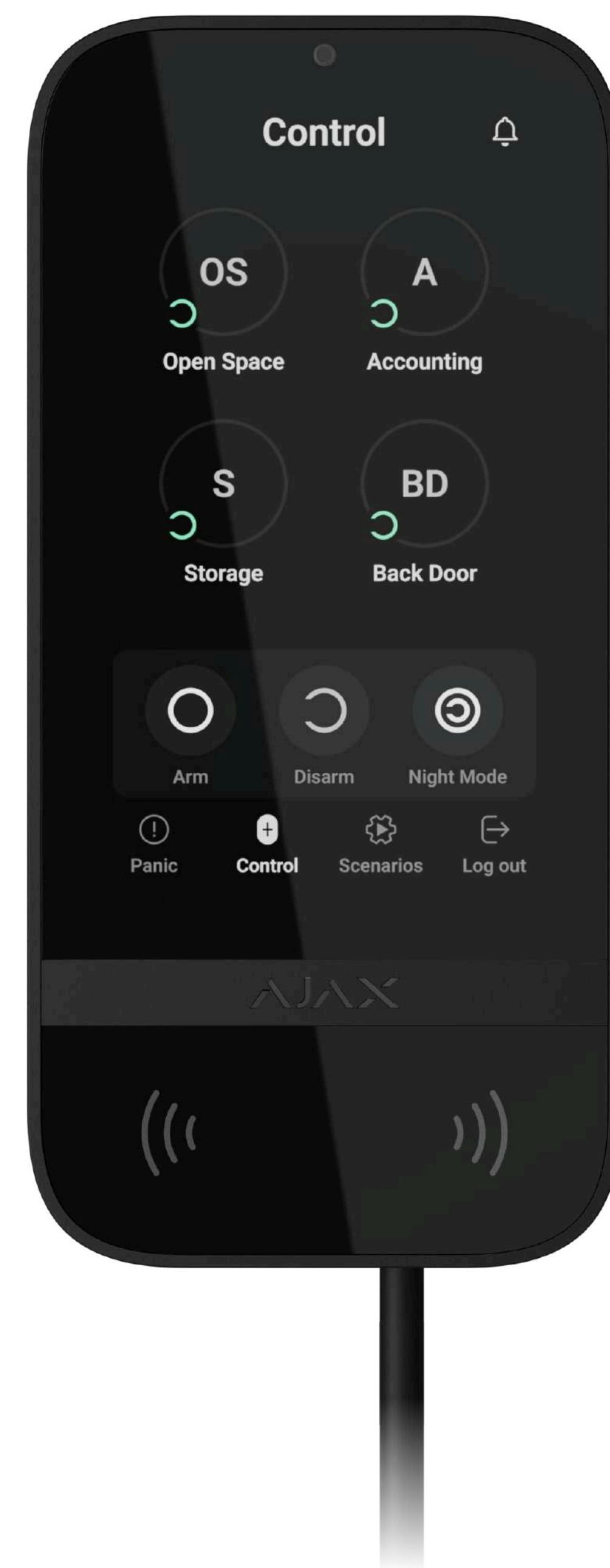


# Superior KeyPad TouchScreen Fibra

Wired keypad with a touch screen, supporting authentication via Pass, Tag, smartphones, and codes

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



3  
GRADE  
EN 50131

PD 6662  
2017

DESFire®



## Intelligent security and automation management

Superior KeyPad TouchScreen Fibra is designed for intuitive and convenient security system control. Its graphical interface, sound notifications, and LED indication ensure that user commands and system responses are delivered without fail. If a malfunction is detected during the integrity check, the keypad clearly indicates the cause. This way, users are always aware of the system state and any actions to be taken.

## Key features

- Easy security group management
- Control tab for automation devices with toggles indicating the current device state<sup>1</sup>
- Sound and LED indication for alarms, opening doors (Chime), entry/exit delays, and other events
- Activation when a user approaches the device and during entry delays
- Automatic backlight brightness adjustment
- On-screen notification specifying the cause of a malfunction when arming the system

## Three fast and secure authentication methods



Pass card or Tag key fob



Smartphone



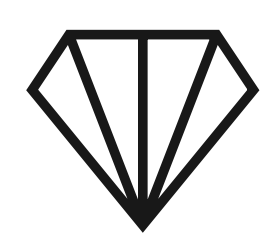
Codes





## All set in case of emergency

- Auto-locking in case of an attempt to guess the code
- Duress codes to simulate system disarming while sending a silent alarm to the security company
- Protection against authentication via unauthorized access devices
- Three emergency buttons: panic, fire, and auxiliary alert



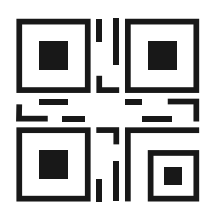
## Fibra communication technology

- Up to 2,000 m (6,550 ft) of wired connection range<sup>2</sup> between the keypad and the hub
- Encrypted communication
- Regular polling to display current device states
- Connecting with 4-core signal or 8-core U/UTP cables
- Support for connecting different types of devices to a single line




## Sabotage protection

- Tamper alarm
- Protection from short circuit
- Device authentication to prevent spoofing



## Easy setup and configuration

- Installation on the SmartBracket mounting panel without disassembling the enclosure
- Pairing with an Ajax hub via automatic Fibra line scanning or QR code
- Remote configuration and testing via mobile and desktop Ajax apps
- Automatic device self-diagnosis with status reporting
- Instant maintenance notifications

<b>Compliance with standards</b>  EN 50131 (Grade 3) PD 6662:2017	<b>Communication with a hub</b>  <b>Fibra communication technology</b>  <b>Wired connection</b> U/UTP cat.5 4×2×0.51 mm (24 AWG) cable, copper conductor  4×0.22 mm <sup>2</sup> signal cable, copper conductor  <b>Communication range</b> up to 2,000 m up to 6,550 ft With a U/UTP cat.5 4×2×0.51 mm (24 AWG) cable  <b>Polling interval</b> 12–300 s Adjusted by a PRO or user with admin rights via Ajax apps	<b>Features</b>  <b>Contactless access</b> Pass cards and Tag key fobs (up to 50 devices)  Support for BLE (up to 50 smartphones)  <b>Access codes</b> up to 50 personal codes for registered users  up to 50 codes for unregistered users  1 keypad code  <b>Duress codes</b> up to 50 personal duress codes  1 duress code  <b>Emergency buttons</b> Alarm, fire, auxiliary alert  <b>Fire alarm muting</b>	<b>Display</b>  <b>Type</b> IPS, capacitive touch screen  <b>Diagonal</b> 5"  <b>Resolution</b> 480 × 854 px
<b>Compatibility with hubs</b>    For detailed information, scan the QR code or follow the link:  <a href="https://ajax.systems/tools/devices-compatibility/?models=KP.TS.F">ajax.systems/tools/devices-compatibility/?models=KP.TS.F</a>			<b>Installation</b>  <b>Operating temperature range</b> from –10 °C to +40 °C from 14 °F to 104 °F  <b>Operating humidity</b> up to 75%
<b>Enclosure</b>  <b>Colors</b> white, black  <b>Dimensions</b> 171 × 82 × 28 mm 6.74" × 3.23" × 1.1"  <b>Weight</b> 327 g 11.54 oz  <b>Tamper alarm</b>	<b>Power supply</b>  <b>Fibra line</b> 7–30 V <sup>==</sup> , up to 54.6 mA  <b>Backup batteries</b> 2 × LTO AA battery Pre-installed		<b>Complete set</b>  Superior KeyPad TouchScreen Fibra 2 × LTO AA battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide

<sup>1</sup> When the keypad controls automation devices that operate in the bistable mode.

<sup>2</sup> With a U/UTP cat.5 4×2×0.51 mm (24 AWG) cable.



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/superior-keypad-touchscreen-fibra/](https://ajax.systems/support/devices/superior-keypad-touchscreen-fibra/)



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