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nokepad KP2 Matrix Numeric Keypad

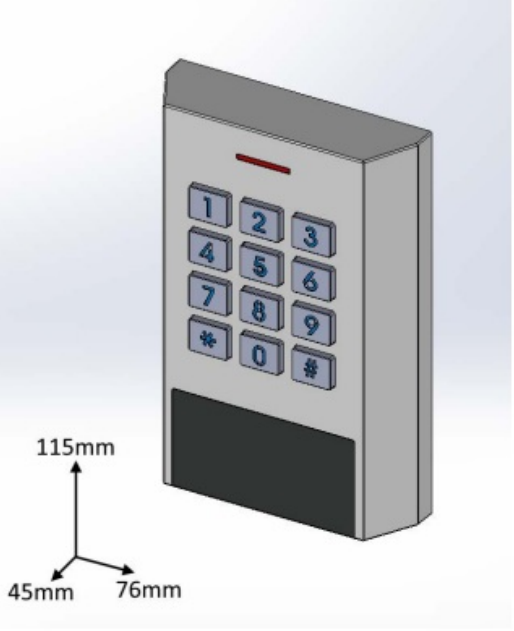
Specifications

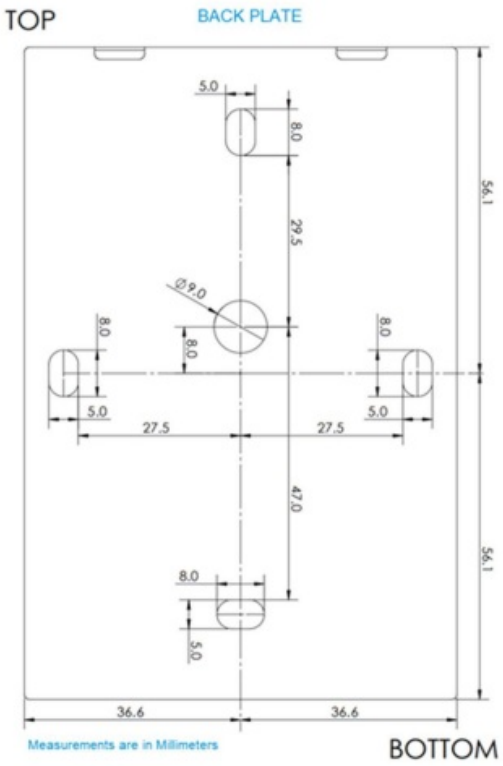
- **Model**: NokPad 3×4
- **Power Input**: 12/24V DC
- **Application**: Controls access to main entry points and elevator entry points

Before Starting

This installation guide provides instructions for installing a NokēPad 3×4 in various settings such as pedestrian gates, parking entries, and interior pedestals. The keypad controls access to the facility's main entry points, including up to 4 floors of elevator entry points. This guide is intended for licensed electricians and trained technicians only. Make sure you have received the parts listed below–contact your dealer for any missing parts. The keypad also includes a software application (app) which can be downloaded from noke.app.

NokēPad 3×4 Dimensions





Parts

Make a note of all the parts you receive. Below is the list of all parts you should have

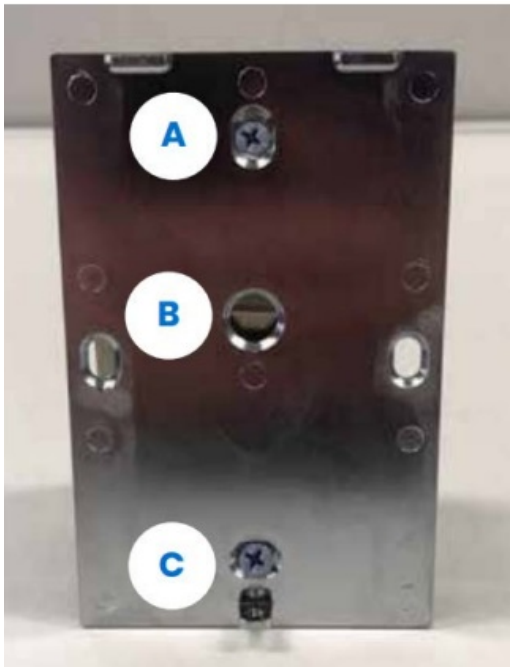
received from the Nokē warehouse.

- A. NokēPad 3×4 Keypad
- B. Backplate
- C. Mounting Screws and Anchors
- D. Torx Wrench

Mounting the Backplate

Use the provided mounting screws to mount the backplate onto the desired surface. For mounting onto concrete or brick surfaces, use the plastic anchors for a secure grip.

1. Secure the screws into the A and C holes on the backplate, except hole B (the larger hole in the center).
2. Use the center hole B to route the wires out of the keypad.



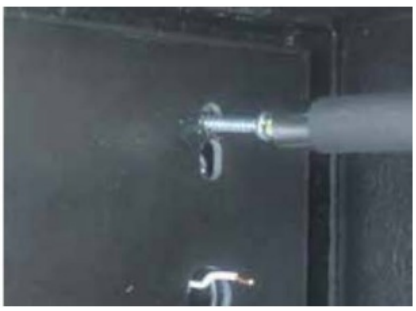
Grounding the Keypad Backplate

IMPORTANT: Installers must ensure that all Noke keypads on site are effectively grounded. There are multiple grounding scenarios with instructions outlined below. When retrofitting a Noke keypad, a new installation, or a service call, ensure that all Noke keypads are properly grounded before leaving the facility.

Scenario 1: Ground to a Goose Neck or Metal Post To mount directly to a goose neck or other metal post,

1. Expose the keypad's backplate.
2. Using a 7/64" drill bit, drill a pilot hole in the top and bottom holes that align with the holes in the plastic insert and the keypad's backplate.
3. Ensure that these holes align and make contact with the goose neck.
4. Secure a #6×1" sheet metal screw into the hole.

- **Caution:** Do not use other types of hardware not specified in this guide. Doing so can cause problems or damage the keypad when attempting to remove it.

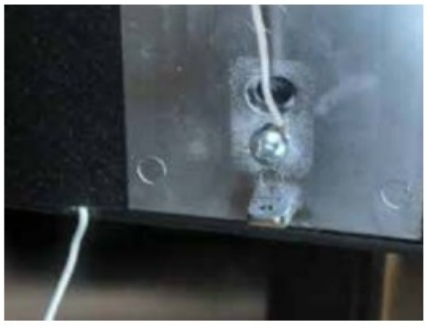



5. Replace the keypad as usual.

Scenario 2: Mount to a Metal, Wood, or Masonry Surface without a Metal Ground

To mount to a non-metal object,

1. Locate a nearby viable earth ground and run a ground wire from the keypad to the earth ground.
    - **Tip:** You could use the wire that runs through to the earth ground for the AC power at the gate (usually the green wire).
    - **Important:** An 18-gauge wire or larger must be used.
2. Attach the ground wire with a screw to the keypad's backplate to make the electrical connection.

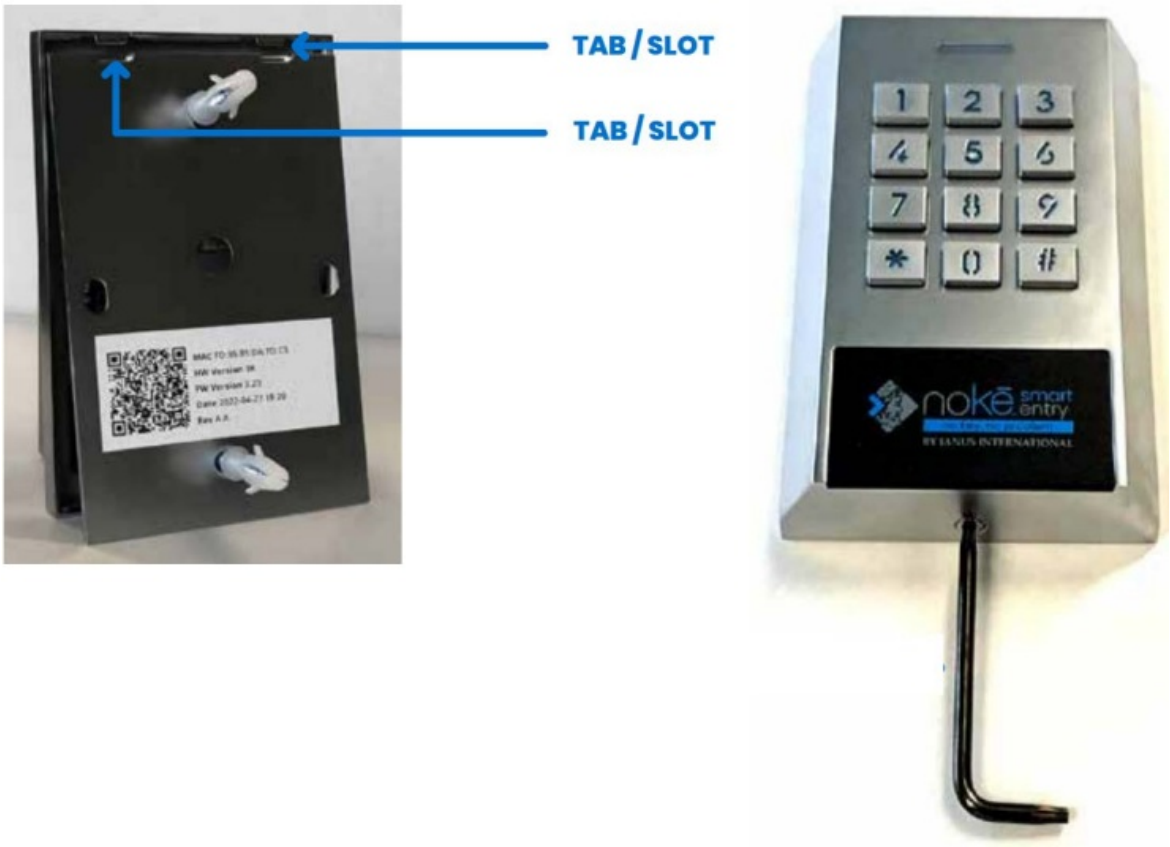


3. Attach the other end of the ground wire to a suitable earth ground.

Attaching the Keypad

To mount the keypad,

1. Once the backplate is mounted to the desired surface, attach the keypad onto the backplate so that the tabs on the keypad align with the slots on the backplate, as shown below.



2. The keypad should be able to fit over the backplate without much effort once the tabs are aligned.
3. After the keypad is in place, use the Tamper-Proof Set Screw and torx wrench that were provided to secure the keypad in place. (Torx wrench and keypad are shown to the right.)

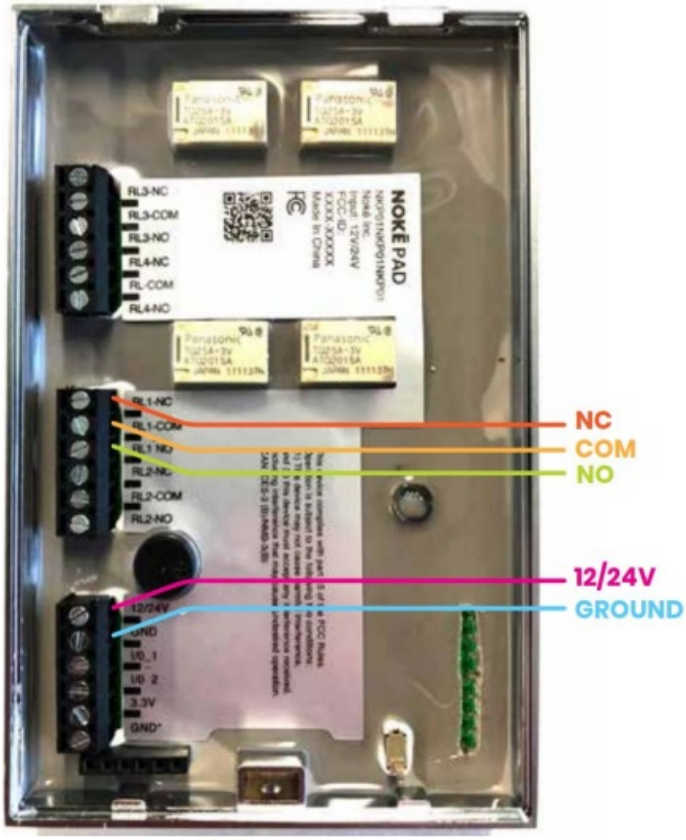
Wiring the Keypad

The NokēPad 3×4 Pad keypad requires a 12/24V DC power input.

To wire the keypad,

1. Connect the positive terminal of the power supply to the push pin connector marked by 12/24V.
2. Connect a ground terminal to the port marked GND. See the image to the right for reference.
    - **Tip:** The keypad is designed to trigger Relay 1 on the board when the correct number sequence is entered by the user.
3. Relay 1's outputs are as follows: RL1_NC, RL1_COM, RL1_NO.
4. Use the Relay Output example to the right to connect to the electric lock that needs to be controlled.

5. Based on how the electric lock functions, use either the NC or NO port to operate the electric lock.
6. Check the wiring diagram of the electric lock you're using to understand how the lock needs to be connected.
    - **Note:** There are three other relays on the keypad's control board. You can use them to trigger other locks, based on how you want to provide access to the end users. The NSE mobile app or Web Portal lets you to set up access control rules such that a certain pin would trigger a particular relay, which is connected to a particular lock. These extra relays are used to restrict access to specified access points for designated administrators.
    - If such a system needs to be set up, you can use the connector ports that say RL2_xxx, RL3_xxx and RL4_xxx. These are the relay outputs of Relay 2, Relay 3 and Relay 4, respectively.



Setting up the Keypad

You can set up the NokēPad 3×4 keypad from the Nokē Storage Smart Entry mobile app. To do this,

1. Install the Nokē Storage Smart Entry mobile app from the Apple or Android app stores for your device.

2. Add the keypad as a new device.
3. SecurGuard, powered by Nokē Mesh Hub, is required and available from Janus automatically discovers and configures the keypad.
4. Set up and manage your access codes from your Property Management Software.

- **Note:** Visit the Janus International website for a list of approved Property Management Software packages or contact us for a custom integration quote. Unlocking the NokēPad 3×4 Keypad The NokēPad 3×4 Pad keypad can be unlocked from the Nokē Storage Smart Entry mobile app or with an access code.

To unlock via an access code,

1. Enter the 4-12 digit access code that has been configured in your Property Management Software (PMS) on the keypad.
2. The indicator light will flash green when unlocked.
3. After 5 seconds, the keypad automatically re-locks with a red light indicating the lock is engaged.

To unlock via the mobile app,

1. Open the Nokē Storage Smart Entry mobile app.
2. Click on the NokēPad 3×4 keypad (identified by name).
3. The indicator light will flash green when unlocked.
4. After 5 seconds, the keypad automatically re-locks with a red light indicating the lock is engaged.

Maintenance

Inspect the entire facility for tampering or damage at the end of the installation.

Disclaimer

Always install all network and devices in a safe manner and in full compliance with this manual and any applicable laws related thereto. No warranties, express or implied,d are contained herein. Nokē or Janus International is not liable for any injuries or damages to any operators, property, or bystanders incurred as a result of using the networking devices by its customers. Nokē or Janus International also cannot be held liable for any

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Contact Us

- **Toll Free**: 833-257-0240
- Nokē Smart Entry Support:
- **Email:** smartentrysupport@janusintl.com
- **Website:** www.janusintl.com/products/noke

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment. This equipment complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions

This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.

Safety Information

Retain and follow all safety and operating instructions provided with your equipment. In the event of a conflict between the instructions in this guide and the instructions in equipment documentation, follow the guidelines in the equipment documentation. Observe all warnings on the product and in the operating instructions. To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe all precautions included in this guide. You must become familiar with the safety information in this guide before you install, operate, or service Nokē products.

Chassis

- Do not block or cover the openings to the equipment.
- Never push objects of any kind through openings in the equipment. Dangerous voltages might be present.
- Conductive foreign objects can produce a short circuit and cause fire, electric shock, or damage to your equipment.

Batteries

- The equipment battery contains lithium manganese dioxide. If the battery pack is not handled properly, there is a risk of fire and burns.
- Do not disassemble, crush, puncture, short external contacts, or dispose of the battery in fire or water.
- Do not expose the battery to temperatures higher than 60°C (140°F).
- If the battery is replaced by an incorrect type, there is a danger of explosion. Replace the battery only with a spare designated for your equipment.
- Do not attempt to recharge the battery.
- Dispose of used batteries according to the instructions of the manufacturer. Do not dispose of batteries with the general office waste.

Equipment Modifications

- Do not make mechanical modifications to the system. Riverbed is not responsible for the regulatory compliance of Nokē equipment that has been modified.

RF Warning Statement

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

WARNING: Upon initialization, the radio within the device is dynamically assigned a specific country configuration based on the geographical location of the deployment. This process ensures that each radio's broadcast frequency bands, channels, and transmitted power levels are compliant with country-specific regulations when properly installed. Only use the locality profile for the country in which you are using the device. Tempering or modification of assigned radio frequency parameters will render the operation of this device illegal. Wi-Fi or Wi-Pas devices for the United States are permanently locked to a fixed regulatory profile (FCC) and cannot be modified. The use of software or firmware not supported/provided by the manufacturer may result in the equipment is no longer in compliance with regulatory requirements and may subject the end user to fines and equipment confiscation by Regulatory Agencies.

Antenna

WARNING: Only use the supplied or approved antennas. Unauthorized use, modification, or attachments, including the use of third-party amplifiers with the radio module, could cause damage and may violate local laws and regulations.

Regulatory Approval

WARNING: Operation of the device without regulatory approval is illegal.

ISED Compliance Statements

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device. This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment.

Waste Electrical and Electronic Equipment (WEEE) Compliance Statement

Do not discard a product. European Union Directive 2012/19/EU requires a product to be recycled at the end of its useful life. Follow all waste management actions defined by this directive. Directive requirements may be superseded by EU member nation law. Perform the following actions to identify pertinent information:

- Review the original purchase contract to determine a contact regarding waste management of a product.

FAQ

Q: Can I download the software application for the keypad?

A: Yes, you can download the software application (app) from noke.app.

Documents / Resources

	nokepad KP2 Matrix Numeric Keypad [pdf] Installation Guide KP2, 2BGPA-KP2, 2BGPAKP2, KP2 Matrix Numeric Keypad, KP2, Matrix Numeric Keypad, Numeric Keypad

References

- Smart Entry
- Janus International | Roll Up Doors & Self Storage Building Manufacturer
- User Manual

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2BGPA-KP2, 2BGPAKP2, KP2, KP2 Matrix Numeric Keypad, Matrix Numeric Keypad, nokepad, Numeric Keypad

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