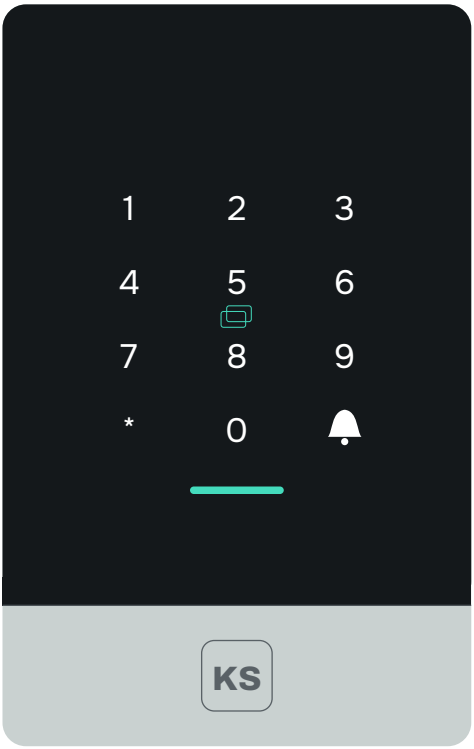
KEYLESS SOLUTIONS

Access Control Keypad

Installation and set-up guide

For the installer



Illustration

Code or card, at the gate.

A keypad for a gate or a second door. Keep this guide.

KEYLESS SOLUTIONS

09 238 2377
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Before you start

This guide is for the installer. The keypad runs on 12 V DC and switches a separate electric lock. Plan the whole system before you buy parts.

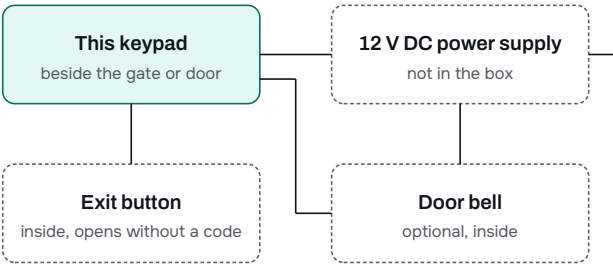
In this guide

Know your keypad 3
Mount it 4
The ten leads 5
Wiring drawing 6
Pair, test and reset 7
Fault finding, specifications 8

You will need

- Drill, for the cable hole and the plate fixings
- Screwdriver
- Wire cutters and strippers
- The hex screwdriver from the box
- A multimeter, to check before power

The system



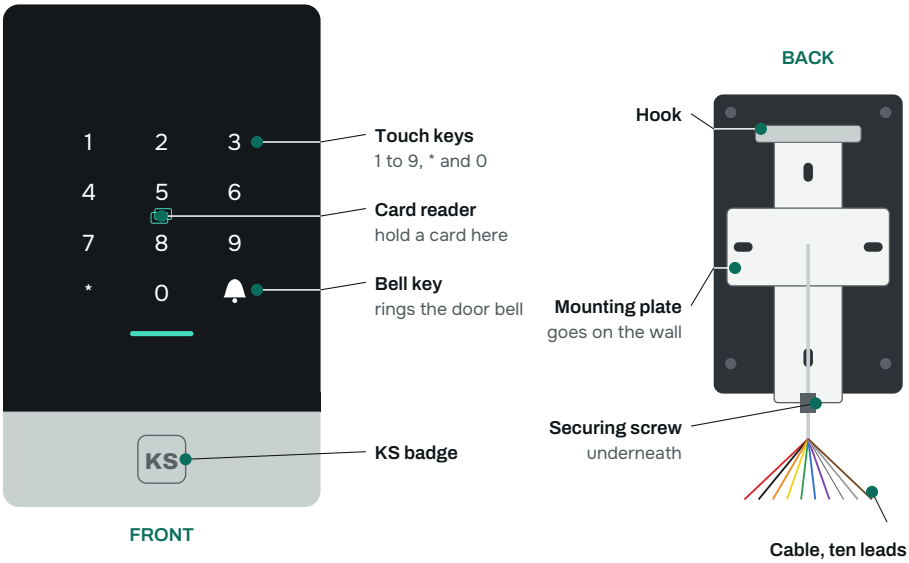
Only the keypad and its fixings are in the box. The right lock, supply and button depend on the gate or door: ask us before you buy.

Important

- Keep the 12 V supply switched off until every lead is connected and checked.
- Whoever will OWN the keypad pairs it with the app, on their own phone.
- Ask us which power supply, electric lock, exit button and bell suit the door before you buy them: call 09 238 2377.

Know your keypad

Glass touch keys that light up when you tap the panel. Drawn from the unit in our cartons. Not to scale.



In the box

Part	Qty
Keypad, with its cable	1
Mounting plate, on the back	1
Screws: 4 for the plate, 1 to secure the keypad	5
Manual, the maker's fold-out leaflet	1
Hex screwdriver	1

No power supply, lock, exit button or bell is in the box.

Before you install it

- Check every part is there. If anything is missing, call us before you start.
- Leave the protective film on the glass until the wiring is finished and the keypad is on its plate.

Mount it

Beside the gate or door it opens, in reach of the power supply.

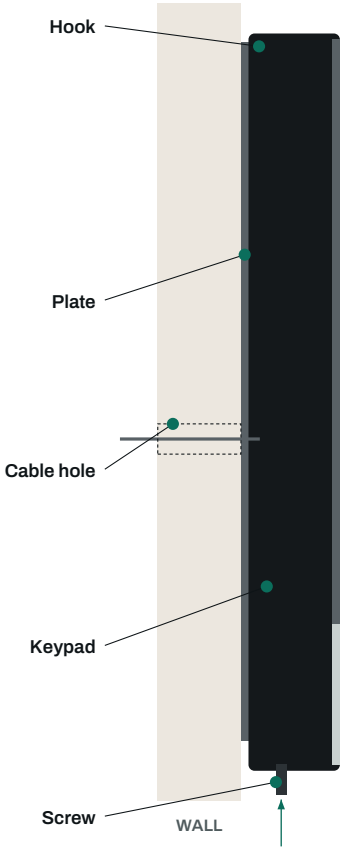
1. **Power off**
   The 12 V supply stays off until the wiring is finished and checked.

2. **Drill for the cable**
   Drill a hole where the keypad will sit, so its cable reaches the power supply.

3. **Fix the plate**
   Take the mounting plate off the back of the keypad. Hold it level, hook at the top, and mark the wall through its slots. Screw it on with the four screws, with wall plugs where the wall needs them.

4. **Wire it**
   Cut the plug off the cable and wire the ten leads (pages 5 and 6).

5. **Hang the keypad**
   Hang it on the hook at the top, swing it in against the plate and fix it with the screw underneath, using the hex screwdriver.



SIDE VIEW, not to scale

The mounting plate is your template. If anything here differs from the instructions in the box, follow those and call us on 09 238 2377.

The ten leads

Read from the maker's leaflet, lead by lead. The right hand column is where each one goes in the wiring drawing on page 6.

Lead	Colour	Marked	In the wiring drawing it goes to
1	Red	**+12V**	Power supply 12V. The door bell's +12V joins it.
2	Black	**GND**	Power supply GND. The exit button and the door bell's GND join it.
3	Orange	**NC**	Not used in the drawing.
4	Yellow	**COM**	Power supply GND.
5	Green	**NO**	Power supply PUSH.
6	Blue	**SW**	Exit button. Its other terminal goes to GND.
7	Purple	**IN**	Not used in the drawing.
8	White	**OUT**	Not used in the drawing.
9	Grey	**BELL1**	Door bell, one BELL terminal.
10	Brown	**BELL2**	Door bell, the other BELL terminal.

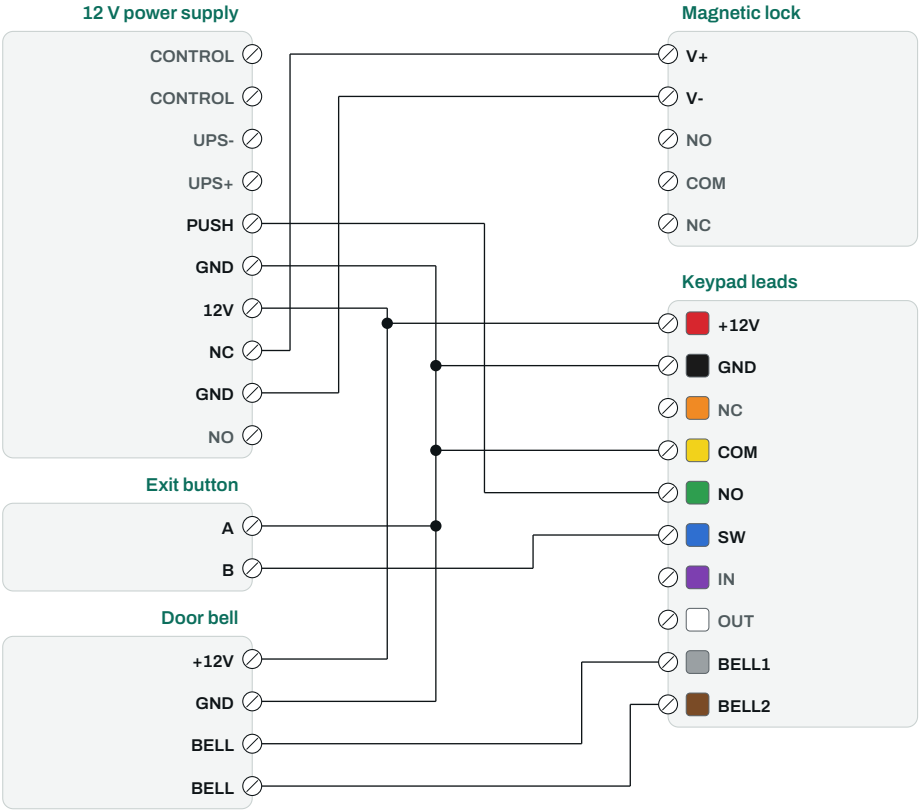
Before you switch on

- Check every lead against the drawing on page 6 and against your power supply's own terminal markings.
- Make safe any lead that is not used.
- Then switch the 12 V supply on.

Unsure about a lead? Call us on 09 238 2377 before you switch on.

Wiring drawing

Redrawn from the maker's leaflet, for a magnetic lock. Check your power supply's own markings: terminal names can differ.



A dot joins wires. Wires that cross without a dot do not touch. Grey labels are not used.

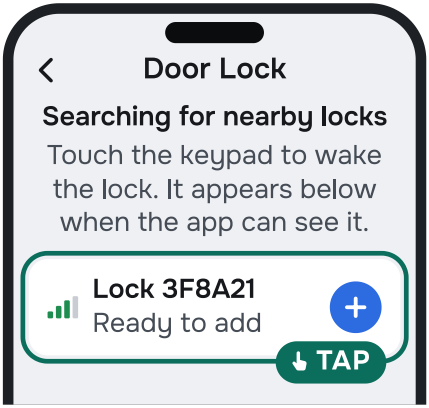
Any other kind of lock, or a fail secure electric strike? Call us on 09 238 2377 before you wire it.

Pair it with the app

On the OWNER's phone, Bluetooth on, standing at the keypad with the power on. The account that adds it controls it.

The app. Pair it in the TTLock app, then add codes and cards there.

1. **Wake the keypad**
   Tap the panel so it lights up.
2. **Add it**
   Open the app, tap the menu icon top left, tap Add Lock and choose Door Lock.
3. **Pick the keypad**
   Tap it when it shows on the screen and wait a few seconds for it to add.
4. **If it fails**
   Turn the app and Bluetooth off and on, then try again.



Tap it when it shows

Test it before you leave

Code. Enter a code: the lock releases and the door opens.

Card, if you have one. Hold it on the card symbol: the same.

Exit button. From inside, press it: the door opens without a code.

Bell. Press the bell key: the door bell rings.

Reset to default

- Take the keypad off its plate and open its rear cover.
- Find the reset button on the circuit board.
- With the power on, hold it until it beeps. The reset is done, and the keypad can be paired again.

App screens are illustrations redrawn by Keyless Solutions in September 2026. Yours may look slightly different.

Fault finding

Nothing lights up	Check the 12 V supply, and the red (+12V) and black (GND) leads.
The app will not find it	Tap the panel to wake it. Turn the app and Bluetooth off and on.
Door will not open	Check every lead against the wiring drawing (page 6).
Start again	Reset it to default (page 7), then pair it again.

Still stuck? Call us on 09 238 2377 or 027 8 ACCESS (222 377).

Specifications

Size	79 mm wide, 125 mm high, 15.5 mm deep
Build	Aluminium frame, toughened glass panel
Power	12 V DC, from a separate power supply
Keypad	1 to 9, *, 0 and a bell key, card reader
Leads	10, on one cable (page 5)
Opens by	Code or card, and the exit button inside

Warranty

Two years on the keypad. Nothing in our warranty limits your rights under the Consumer Guarantees Act 1993.

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