



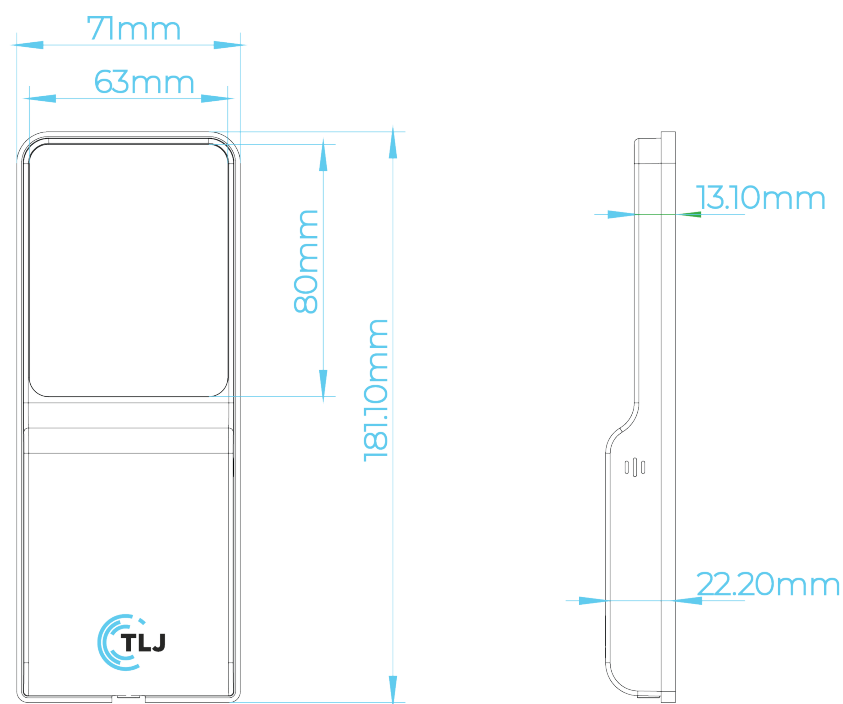
Zpad

Wireless Keypad

The Zpad by TLJ is an online, realtime wireless digital keypad which pairs to compatible TLJ locks without any cables. Utilising 4x AA batteries, the Zpad simply mounts to wall aside the door and offers combination code entry.

Although commonly attributed as old tech - Keypad entry is a unique method of access control; no keycard or fob to collect and no smartphone app to download.

Zpad Diagram



What is Z-wave?

Z-Wave is a wireless communications protocol used commonly for home automation. It is a mesh network using low-energyradiowaves (800 - 900Mhz) to communicate from appliance to appliance, allowing for wireless control of residential products and other devices, such as lighting, door locks, thermostats & leak detection sensors. Z-Wave devices can be controlled via the Internet from a smart phone, tablet, or computer, and also locally through a voice assistant, key card or wall-mounted control panel with a Z-Wave gateway or central control device serving as both the hub controller and portal. Z-Wave provides the platform for a synergy between different manufacturers of different appliances to communicate under a single protocol.

Its super low battery consumption and its ability to communicate wirelessly over distances upto 100 meters are the key characteristics which make Z-Wave one of the most popular protocols for n-home technology.

A TLJ Zpad integrators guide is available upon request.

Compatiable Locks



Infinity

TLJ-INF-SS-ZWV-L-E – Infinity lock, Stainless steel, Zwave, Left hand, Euro lock case
 TLJ-INF-SS-ZWV-R-E - Infinity lock, Stainless steel, Zwave, Right hand, Euro lock case
 TLJ-INF-SS-ZWV-L-A - Infinity lock, Stainless steel, Zwave, Left hand, American lock case
 TLJ-INF-SS-ZWV-L-A - Infinity lock, Stainless steel, Zwave, Right hand, American lock case



Identity

TLJ-IDEN-SC-ZWV-L-E – Identity lock, Satin Chrome, Zwave, Left hand, Euro lock case
 TLJ-IDEN-SC-ZWV-R-E – Identity lock, Satin Chrome, Zwave, Right hand, Euro lock case
 TLJ-IDEN-SC-ZWV-L-A – Identity lock, Satin Chrome, Zwave, Left hand, American lock case
 TLJ-IDEN-SC-ZWV-R-A – Identity lock, Satin Chrome, Zwave, Right hand, American lock case



RezLok

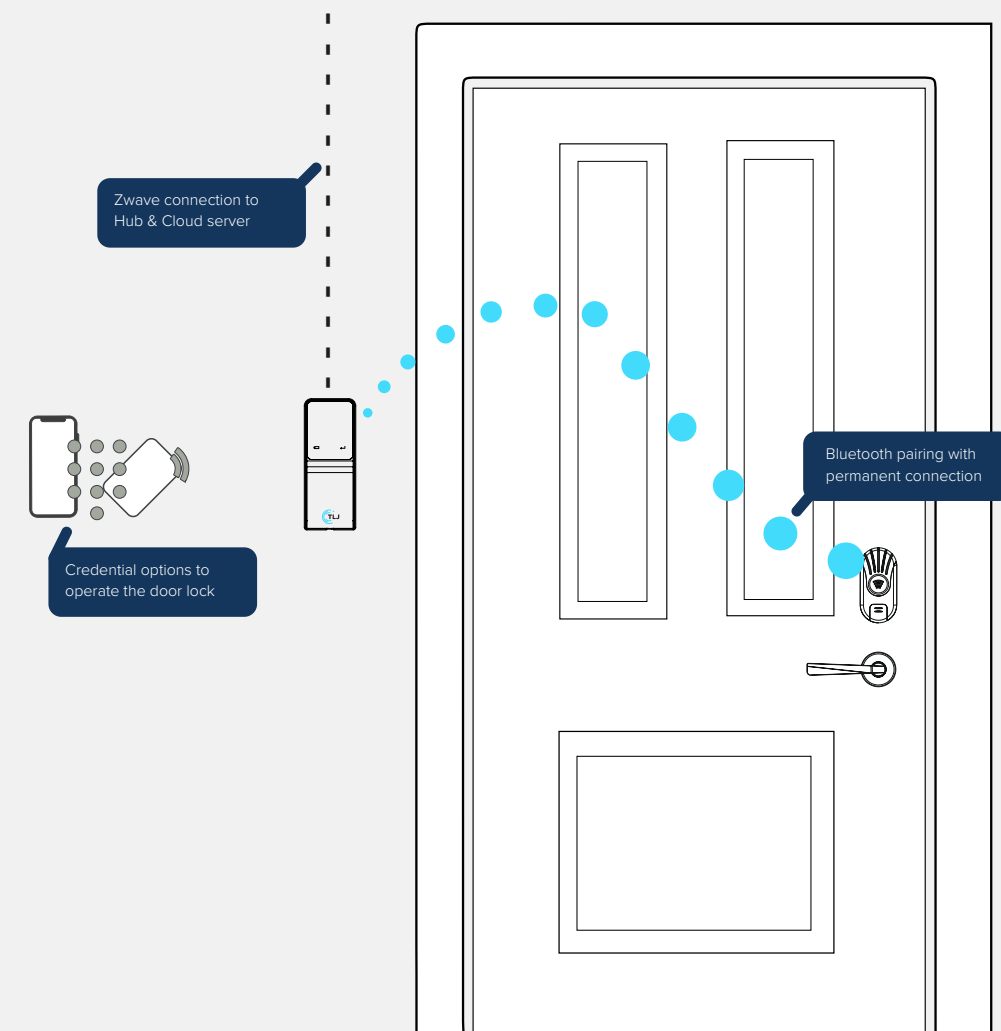
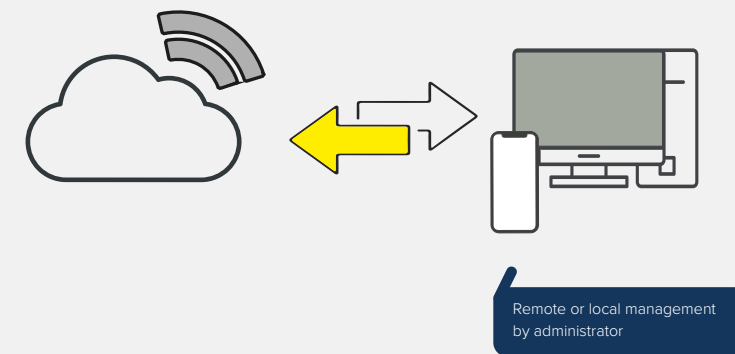
TLJ-REZ-SS-ZWV – RezLok, Stainless steel, Zwave
 TLJ-REZ-BL-ZWV - RezLok, Matt Black, Zwave



Invisible

TLJ-INV-ZWV-L – Invisible, Zwave, Left hand
 TLJ-INV-ZWV-R – Invisible, Zwave, Right hand

Zpad Wireless Keypad.



The illustration above provides a clear visual representation of how the Zpad operates.



Range of data carriers.



Mobile Keys



Keycards



Wristbands



Fobs

Frictionless access with mobile keys.

TLJ Mobile Keys™ are a secure digital access credential, removing the need for physical keycards. Keys are delivered directly to a user's smartphone and stored securely in the cloud with end-to-end encryption. Access is protected by the device's built-in security, including Face ID, fingerprint or passcode.

- Seamless, contactless access
- Secure mobile key delivery via:
 - The TLJ app
 - Custom white-label app
 - Integration with your existing app
- Hands-free access
- Keys can be stored in:
 - Apple Watch
 - Home screen widgets
 - Apple Wallet (*coming soon*)

[View the TLJ Software brochure to find out more](#)

Accreditations



EN14846:2008 - Electro mechanically operated locks EN50371:2012- RT&TTE, Low-power human RF exposure & European EMC, LVD directive.



Made in Britain is an internationally-recognised registered trademark which promotes and acknowledges the very best of British manufacturing.



Third-party certification body that assures performance, quality, reliability and traceability of fire protection products. Recognised by regulatory authorities worldwide, it is an internationally respected mark of fire safety and one of the most authoritative in the industry.



Z-Wave Alliance approved, smart home wireless protocol with the convenient Smart Start and the military grade security with S2.



TLJ locks works with Samsung smart things when utilising a TLJ Zpads well as Amazon Alexa via the SmartThings & Amazon eco-system sync.



Kiwa is an accredited certification body and test laboratory. It is accredited by European accreditation bodies and is a Notified Body for various directives and regulations. TLJ locks are thoroughly fire tested by KIWA on a substantial amount of door types, densities and sizes.



PAS24 - Physical security attack test, including mechanical load testing BS6375-2 and cycle testing of 50,000 cycles EN1191.



Tested and successfully passed a 10C fire burn test and subsequent hose stream test, in line with state code in the US & Canada.



All TLJ locks are rigorously tested to comply with FCC standards and has been proven to do so.



Grade 2: The American National Standards Institute oversees Standards and Conformity Assessment Activities in The United States. PENDING.



EN 1634-1:2014 - Fire resistance & smoke control for a minimum of 30/60 minutes.





TLJ Access Control

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