QUICK INSTALLATION GUIDE

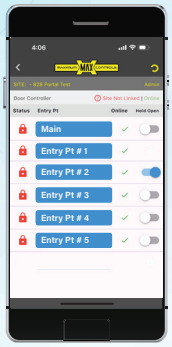
CARD READER (WIRED AND WIRELESS)

Requires Either Max Door Controller **Intelle 16Z Plus** or **Intelle 8Z**

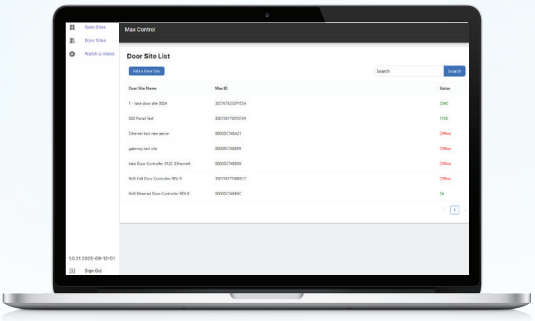
MAX KEY FOB

MAX KEY FOB

Max Cloud Server



Max Cloud App



Web Portal

Wired Card Reader
MAX CR

App Controlled, integrated Card Reader (HID Compliant)

Wireless Card Reader
MAX WCR

App Controlled, integrated Wireless Card Reader (HID compliant)

Can access Entry Point using key fob or Max Cloud App

900 Mhz

OR

900 Mhz

Note: Wired Card Reader is ONLY compatible with Intelle 16Z Plus

MAX ACCESS CONTROLS

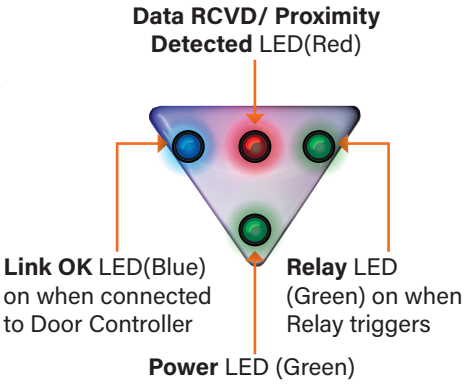
Maximum Controls LLC ▪ 949.699.0220
www.MAX.US.com

MAX WIRELESS ENTRY POINT DEVICES OVERVIEW

MAX WIRELESS CARD READER

MAX WIRELESS CARD READER

WIRELESSLY CONTROL/OPERATE REMOTE ENTRY POINT WITH A CARD READER (AND APP)



BUILT IN HID COMPLIANT CARD READER
- Supports 26-Bit HID compliant keyfobs and Cards
- Max Keyfobs & Cards available

WIEGAND INPUT PORT
- Wiegand port to support 26-bit card readers, radio receivers & RFID transponders

PROGRAMMABLE WIEGAND KEYCODES VIA MAX CLOUD APP/WEB PORTAL
- Program Wiegand cards/keyfob, radio transmitters & transponder tags and assign optional time restrictions for specific entry point
- Track Wiegand keycode entries in event log (App/Web Portal)

RELAY PORT
- Control Entry point with dedicated relay
- Supports both Solenoid and Maglock (NO, C, NC)
- Selectable Relay Strike Time

REQUEST TO EXIT (RTE) PORT
- Supports exit button request on pedestrian door or gate

BUILT-IN RANGE TESTER
EASY PAIRING PROCESS

DOOR AJAR
- Monitors entry door or gate status (with a sensor to detect closed position)

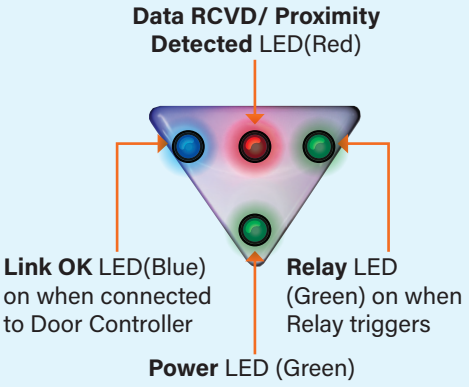
PROXIMITY DETECTION FOR ACCESS
- App User proximity detection for entry points (Optional Setting)

MAX WIRED ENTRY POINT DEVICES

MAX WIRED CARD READER

MAX WIRED CARD READER

CONTROL/OPERATE LOCAL ENTRY POINT WITH A WIRED CARD READER (AND APP)



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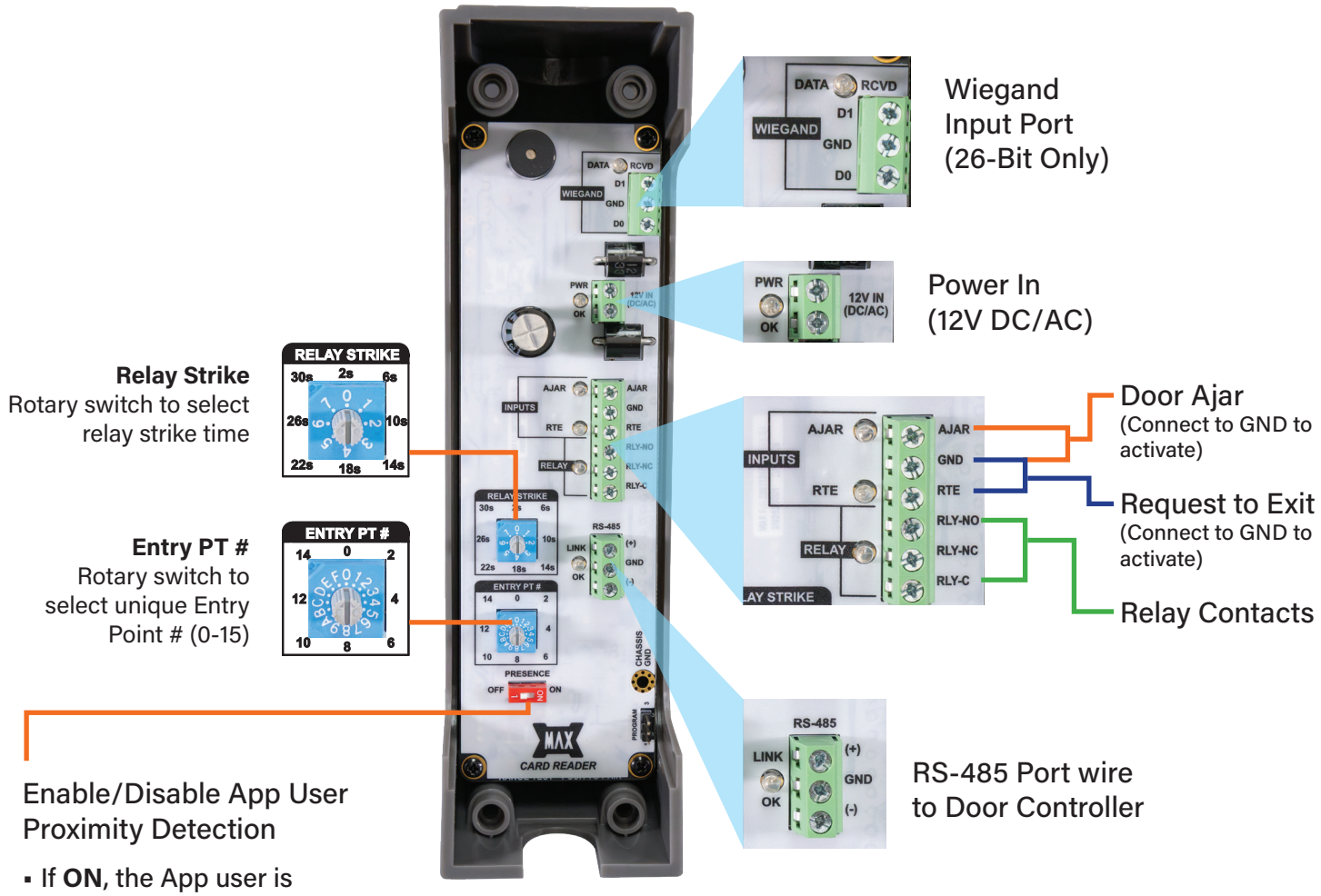
WIRED CARD READER

OVERVIEW

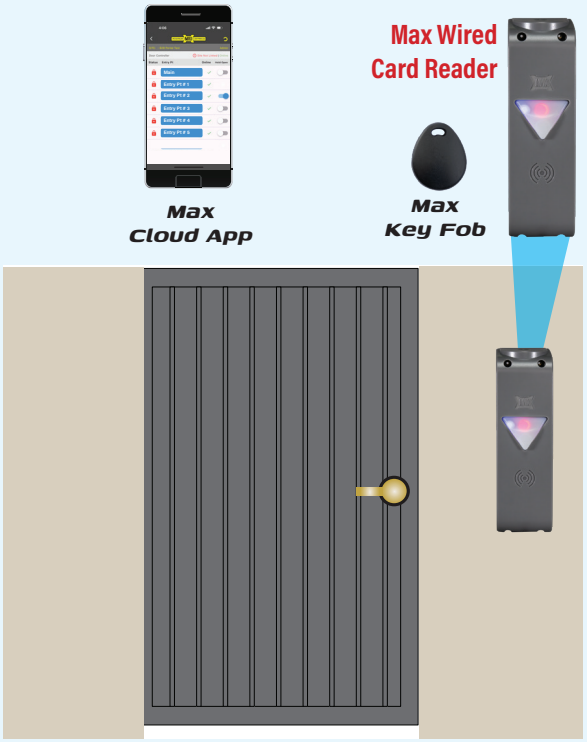


ENTRY POINT WIRING & SETUP

INTELLE 16Z PLUS CONTROLLER BOX

WIRED *PEDESTRIAN DOOR APPLICATION*
USING WIRED CARD READER

Intelle 16Z PLUS



PEDESTRIAN DOOR

1 Ensure Power is on and setup is completed **(Pg 8-10)**

2 Power to 12VDC outlet terminal

3 Select "Relay Strike" time

4 Select unique "Entry Point #"

5 Enable/Disable App User Proximity Detection

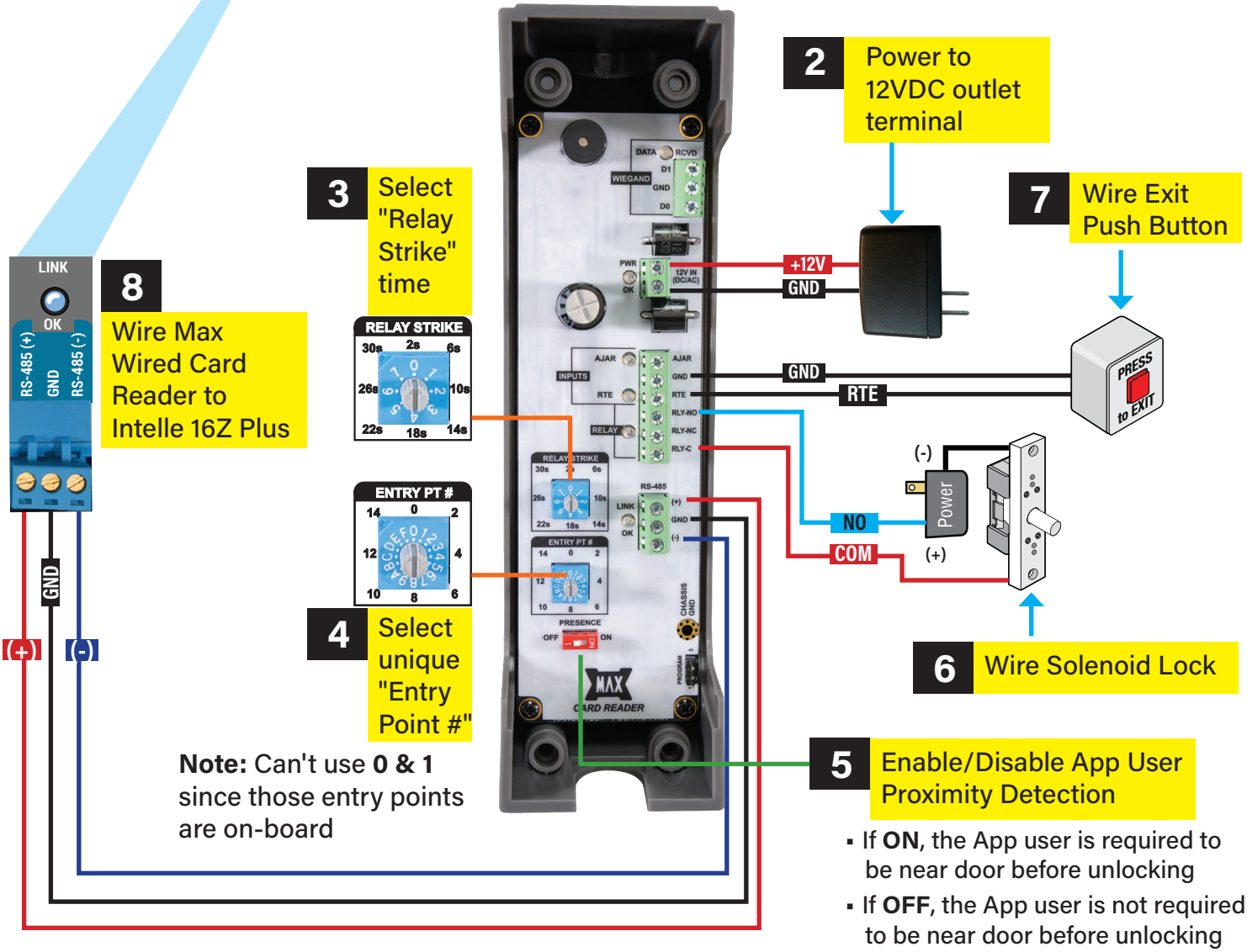
- If **ON**, the App user is required to be near door before unlocking
- If **OFF**, the App user is not required to be near door before unlocking

6 Wire Solenoid Lock

7 Wire Exit Push Button

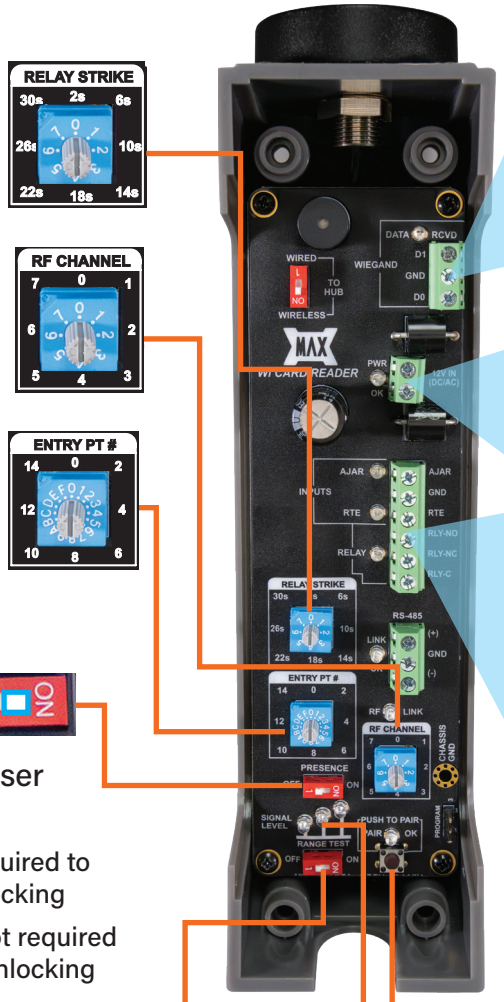
8 Wire Max Wired Card Reader to Intelle 16Z Plus

Note: Can't use **0 & 1** since those entry points are on-board



WIRELESS CARD READER

OVERVIEW



Relay Strike
Rotary switch to select relay strike time

RF Channel
(Channel 0-7)
Select RF Channel

Entry PT #
Rotary switch to select unique Entry Point # (0-15)

Wiegand Input Port (26-Bit Only)

Power In (12V DC/AC)

Door Ajar
(Connect to GND to activate)

Request to Exit
(Connect to GND to activate)

Relay Contacts

Enable/Disable App User Proximity Detection

- If **ON**, the App user is required to be near door before unlocking
- If **OFF**, the App user is not required to be near door before unlocking

Range Test Switch
Allows to test signal strength and to pair with Door Controller

Pair OK
On when paired to Door Controller

Push to Pair
If Range ok
(All 3 signal level LEDs ON)

Signal Level

ENTRY POINT WIRING & SETUP

RANGE TEST & PAIRING BETWEEN **INTELLE 16Z PLUS** AND **WI CARD READER**

Note: The same Range Test & Pairing process is used for Intelle 8z

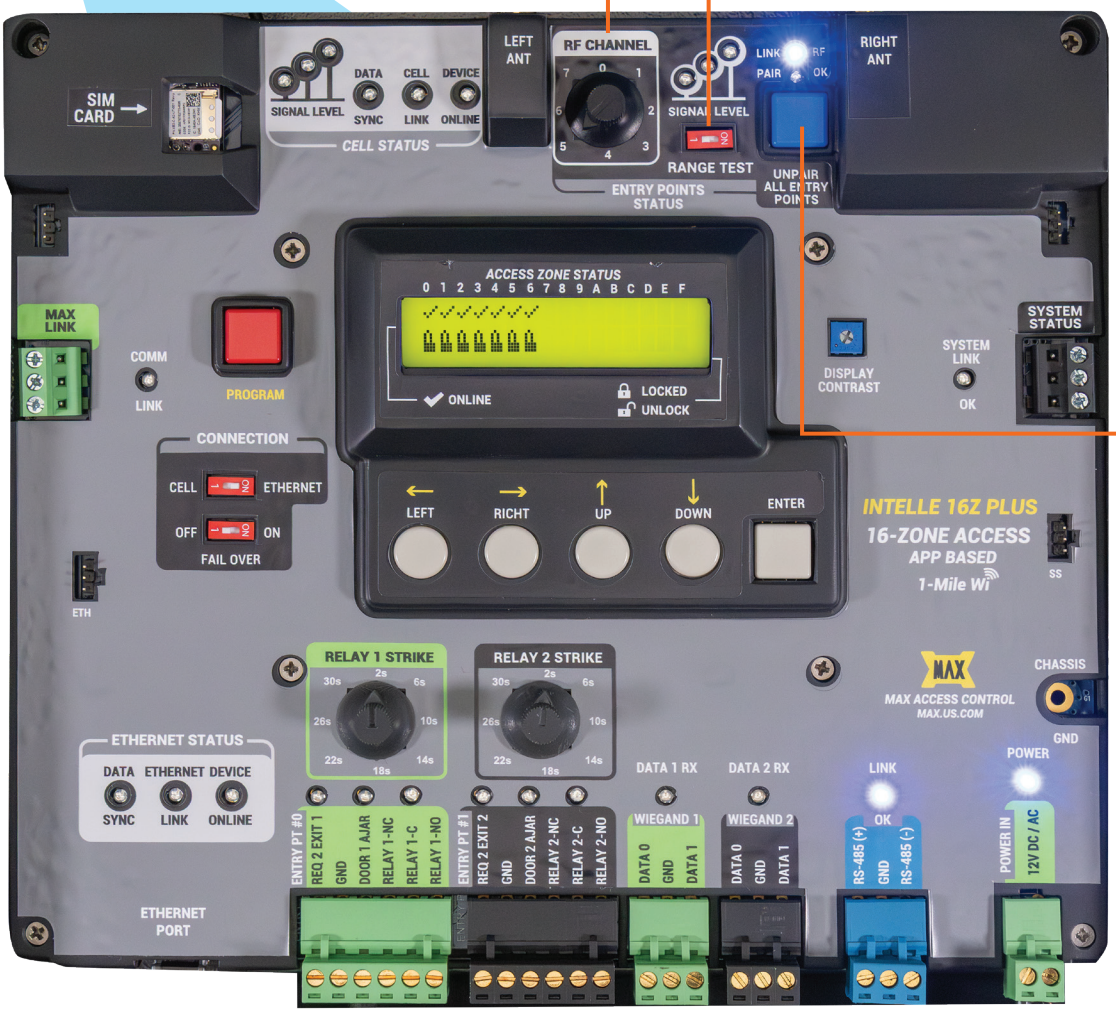
Intelle 16Z PLUS

1 Select RF channel

2 Turn ON Range Test

Signal Level LEDs will start flashing sequentially indicating range test in progress

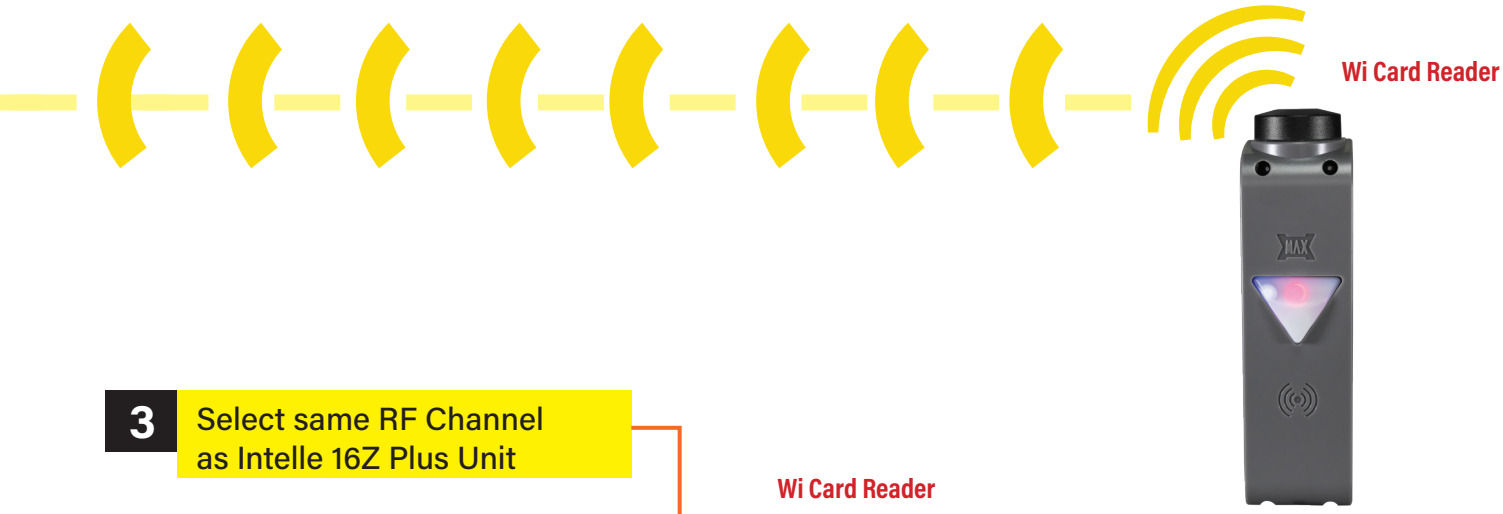
Note: to see current signal strength, check **Signal Level** LEDs on remote Entry Point unit



To erase all paired wireless units, PRESS and HOLD the pair button **on Intelle 16Z Plus** for at least 5 seconds, until the pair LED starts blinking, then let go of the pair button. The LED will blink three times once the erase is completed.

ENTRY POINT WIRING & SETUP

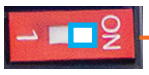
RANGE TEST & PAIRING BETWEEN **INTELLE 16Z PLUS** AND **WI CARD READER**



3 Select same RF Channel as Intelle 16Z Plus Unit

4 Select Unique Entry PT #

5 Turn ON Range Test



All 3 Signal Level LEDs will **TURN ON** when RF range is good.
If range is poor, (less than 3 LED's on) reposition Intelle 16Z Plus or Wi Card Reader units to get better range.

(Refer to Appendix section "Range Troubleshooting for Entry Pts")

Wi Card Reader

6 Press the Pair Switch briefly

The pair LED will come ON as a confirmation.

NOTE: "Pair OK" LED must be OFF before pairing.
If not, turn OFF range test switch and press and hold pair push button for 5 sec until LED turns OFF.

7 **Turn OFF** Range Test Switch

Once Intelle 16Z Plus and Wi Card Reader units are paired, turn OFF range test switch on Wi Card Reader.

Repeat above steps for each additional wireless units

After all wireless units are paired TURN OFF RANGE TEST ON INTELLE 16Z PLUS WIRELESS UNIT

If Entry Point # on wireless unit is changed while paired to the Intelle 16Z Plus, the unit must be unpaired and paired again to the Intelle 16 Z Plus with the new unique Entry Point #

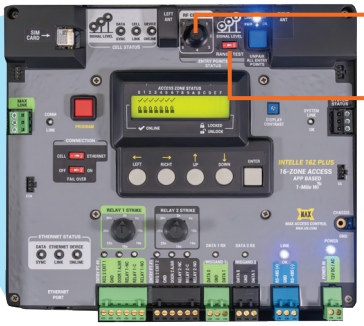
ENTRY POINT WIRING & SETUP

INTELLE 16Z PLUS CONTROLLER BOX

WIRELESS *PEDESTRIAN DOOR APPLICATION*

USING MAX WI CARD READER

Intelle 16Z PLUS

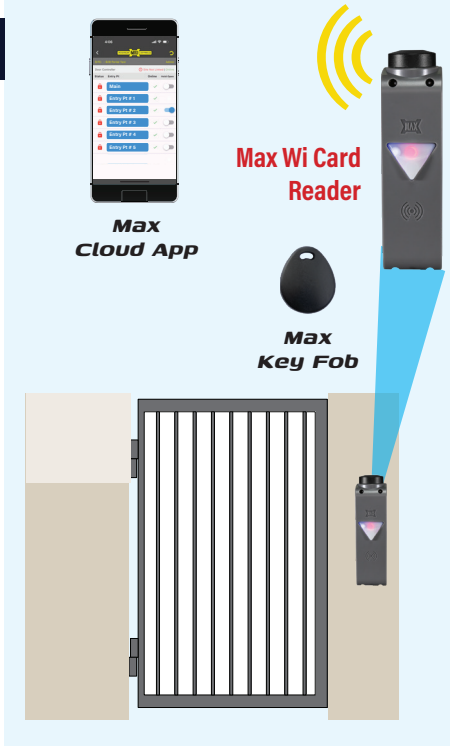


1 Ensure Power is on and setup is completed **(Pg 8-10)**

2 Select RF channel for facility

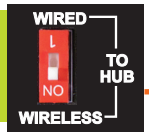
3 Turn On Range Tester

Signal Level LEDs will start flashing sequentially

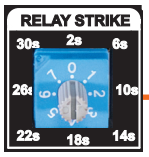


PEDESTRIAN DOOR

5 Slide switch to **WIRELESS** on Card Reader

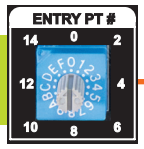


6 Select "Relay Strike" time



7 Select same RF Channel as Intelle 16Z Plus Unit

8 Select a unique "Entry PT#"

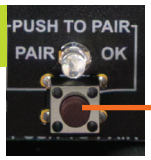


Note: Can't use **0 & 1** since those entry points are on-board

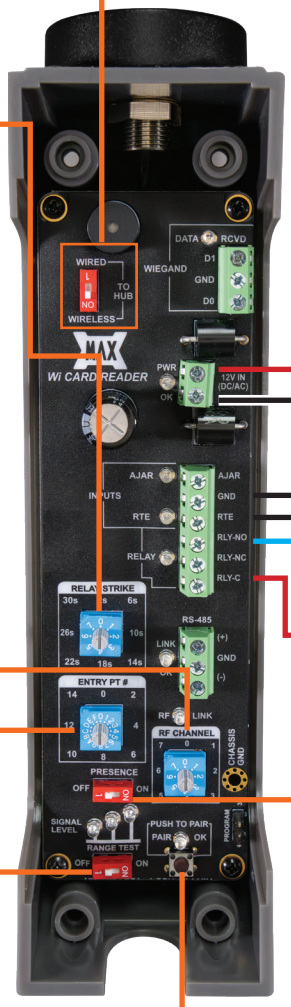
9 Turn ON Range Test

All 3 LED's will **TURN ON** when RF range is good. If range is poor, (less than 3 LED's on) reposition Intelle 16Z Plus or Max Wi Card Reader units to get better range.

10 Push to Pair

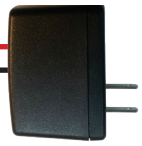


If Range Ok (3 LEDs ON)



4 Power Input

Connect 12VDC, 1A power transformer to ***Power Input*** port (polarity does NOT matter)

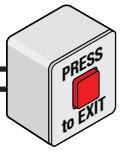


+12V

GND

14 Wiring Exit Push Button

Install request to Exit Push Button as shown

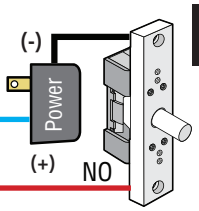


GND

RTE

NO

COM



13 Wiring Solenoid Lock

Install Solenoid Lock as shown

12 Enable/Disable App User Proximity Detection

- If **ON**, the App user is required to be near door before unlocking
- If **OFF**, the App user is not required to be near door before unlocking

11 Turn OFF Range Test

Once Intelle 16Z Plus & Max Wi Card Reader units are paired, turn OFF range test switch on Intelle 16Z Plus & Max Wi Card Reader