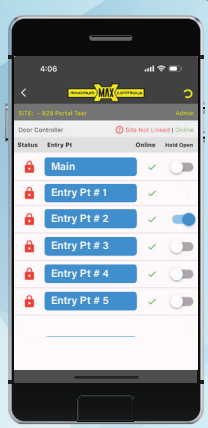
QUICK INSTALLATION GUIDE

WIRELESS ACCESS POINT

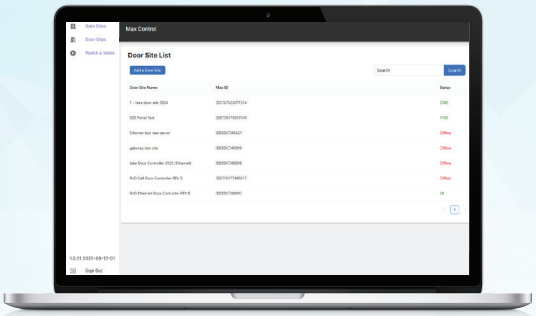
Requires Either Max Door Controller
Intelle 16Z Plus or **Intelle 8Z**

Max Cloud Server

900 Mhz



Max Cloud App



Web Portal

Wireless Access Point
MAX WAP

App Controlled, integrated Relay & Wiegand

Can access Entry Point using Wiegand device or Max Cloud App

900 Mhz

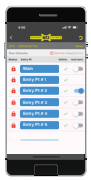
OR

900 Mhz

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

MAX WIRELESS ENTRY POINT DEVICES

OVERVIEW



Max Cloud App

MAX WIRELESS ACCESS POINT

BUILT-IN RANGE TESTER
EASY PAIRING PROCESS

MAX WIRELESS ACCESS POINT

WIRELESSLY CONTROL/OPERATE A REMOTE ENTRY POINT WITH WIEGAND DEVICE (AND APP)

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 (App/Web Portal)
- Track wiegand device activity 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 gates

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

900 MHZ Dome Antenna

LED INDICATORS

Wireless Link LED - On when communication with master

Pair OK LED - On when paired to master

Request to Exit LED - On when RTE is activated

Door Ajar LED - On when Ajar is activated

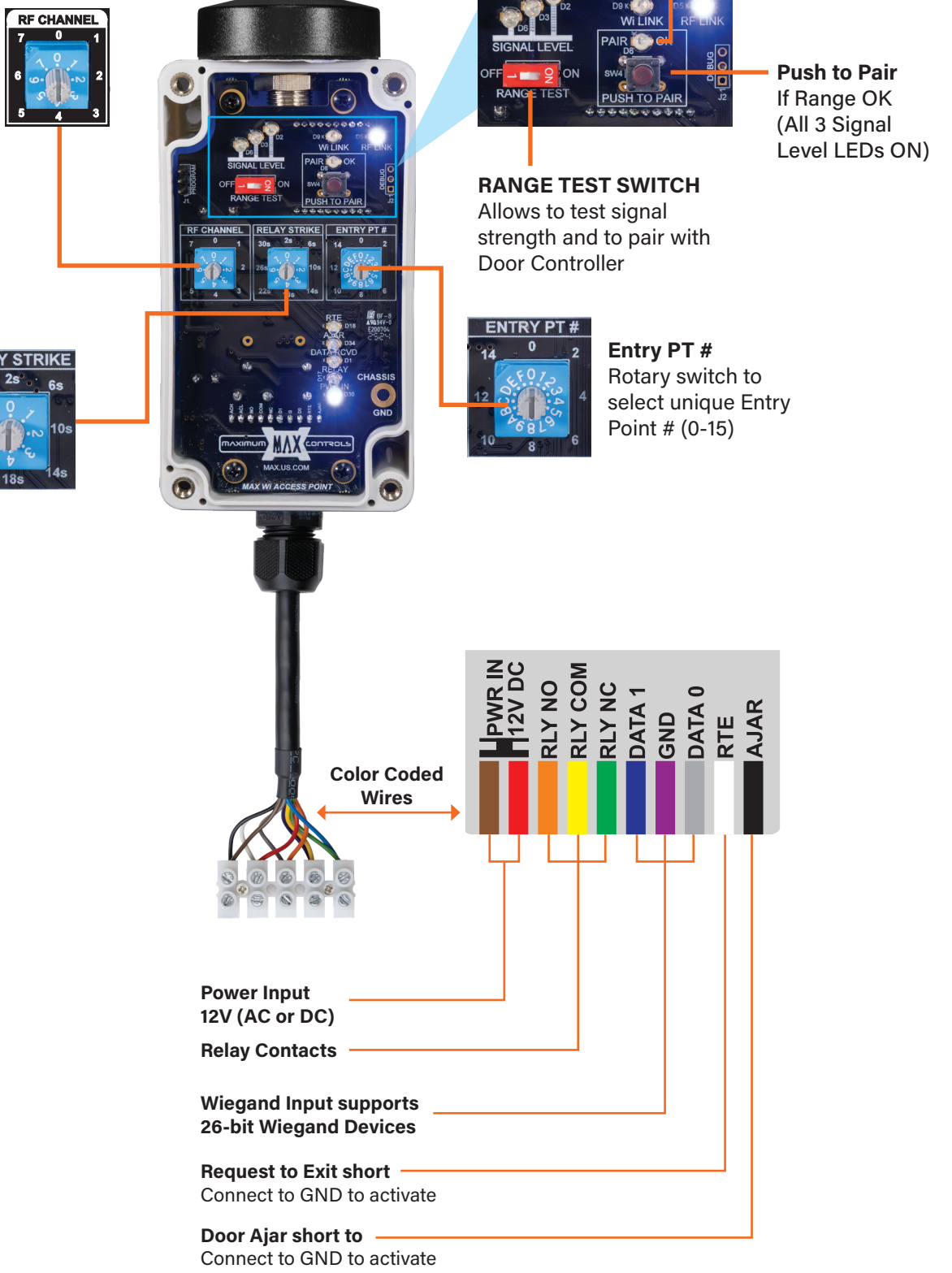
WGND Data RCVD LED - On when data is received from weigand device

Relay ON LED - On when Relay is triggered

Power ON LED - On when Input power is present

MAX WIRELESS ENTRY POINT

OVERVIEW



ENTRY POINT WIRING & SETUP

RANGE TEST & PAIRING BETWEEN **INTELLE 16Z PLUS** AND **WI ACCESS POINT**

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

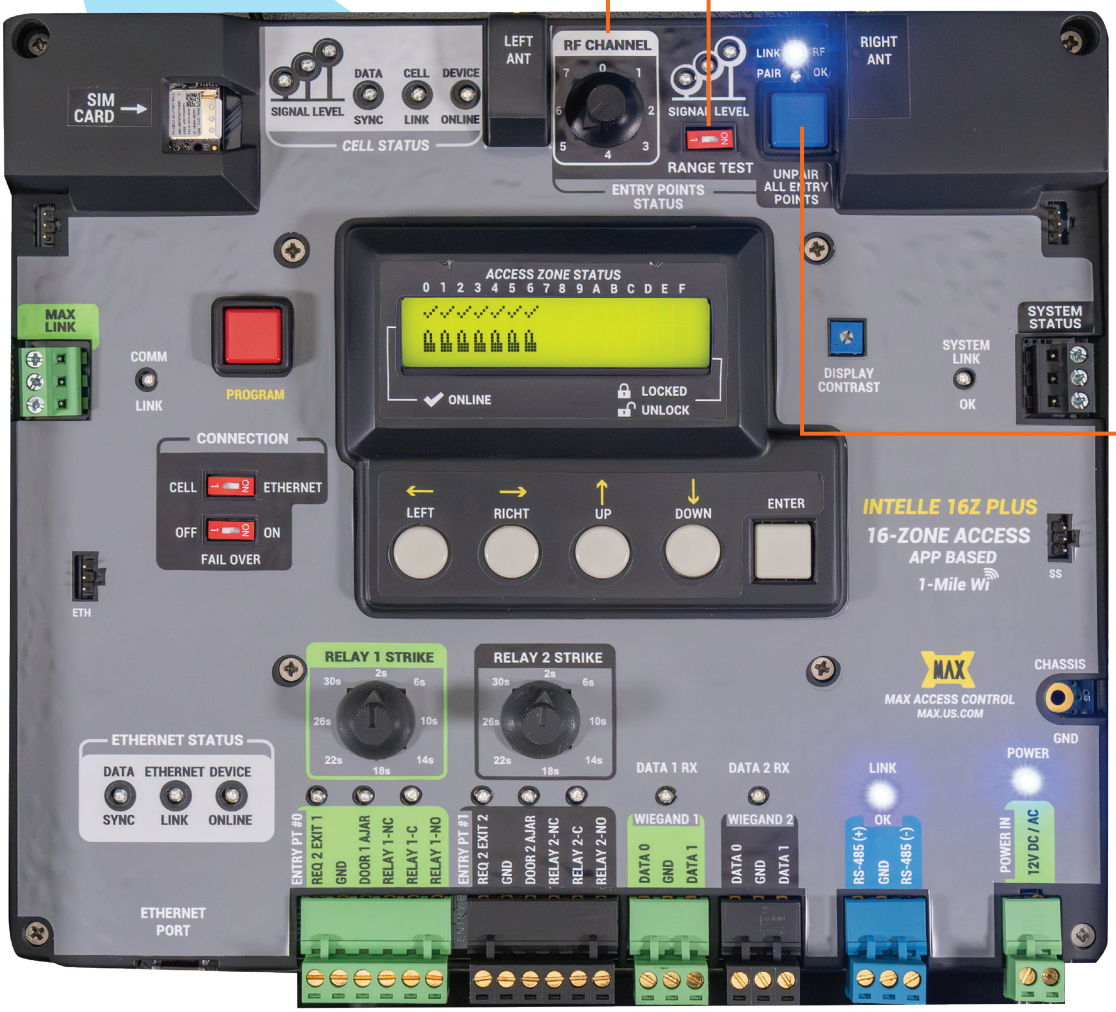
Intelle 16Z PLUS

1 Select RF channel

2 Turn ON Range Test

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

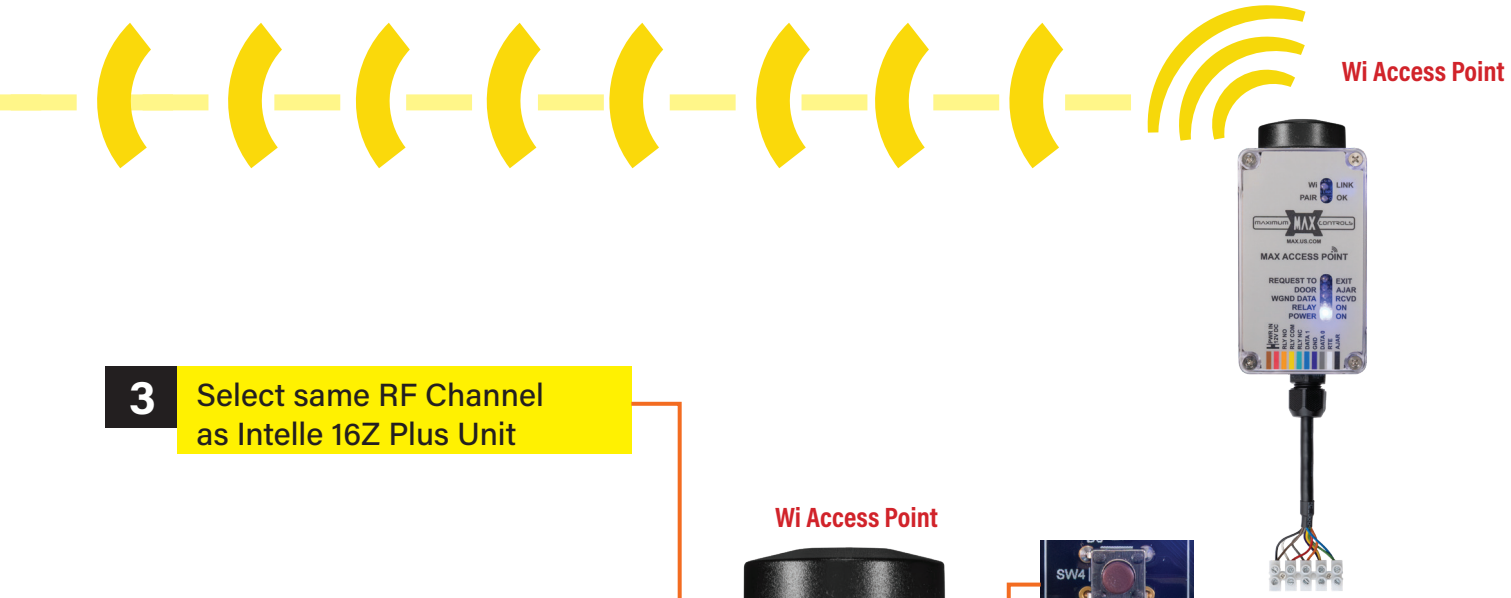
Note: to see current signal strength, check **Signal Level** LEDs on remote Entry Point unit



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 USING WI ACCESS POINT



3 Select same RF Channel as Intelle 16Z Plus Unit

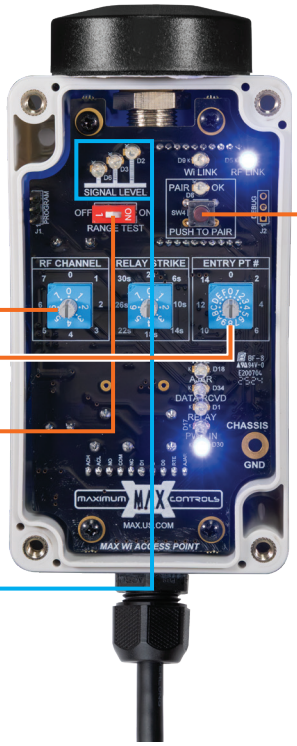
4 Select Unique Entry PT #

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 Access Point units to get better range.

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

Wi Access Point



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 Access Point units are paired, turn OFF range test switch on Wi Access Point.

Repeat above steps for each additional wireless units

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

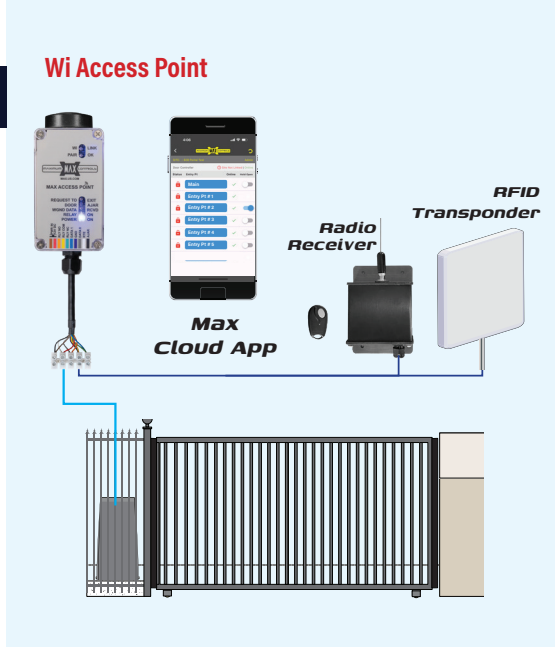
If Entry Point # on wireless unit is changed while paired to the Intelle 16Z Plus, the unit must be unpaired and paired again to the Intelle 16 Z Plus with the new unique Entry Point #

ENTRY POINT WIRING & SETUP

INTELLE 16Z PLUS CONTROLLER BOX

WIRELESS *ENTRY GATE APPLICATION* USING WI ACCESS POINT

Intelle 16Z PLUS



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

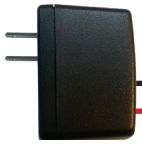
2 Select RF channel for facility

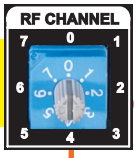
3 Turn ON Range Test

Signal Level LEDs will start flashing sequentially

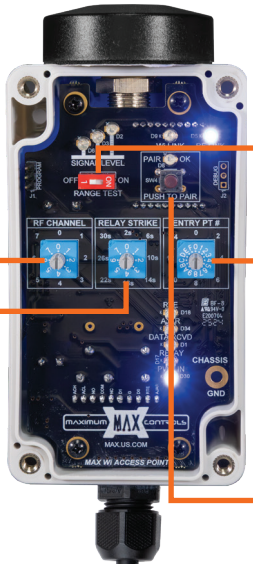
4 Power Input

Connect power for 12VDC





5 Select same RF Channel as Intelle 16Z Plus Unit



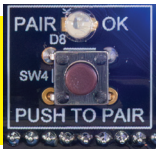
6 Select Unique Entry PT #

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

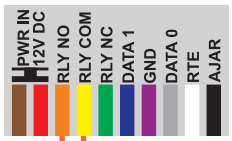
7 Turn ON Range Test

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 Wi Access Point units to get better range.

12 Select "Relay Strike" time



8 **Push to Pair** if Range OK (3 LED's ON)



11 Connect Relay contacts to gate operator "Strike" Input

9 **Turn OFF** Range Test Switch

Once Intelle 16Z Plus & Wi Access Point units are paired, turn OFF range test switch on Intelle 16Z Plus & Wi Access Point

10 **Wiring Wiegand Device**

Install Wiegand device as shown