

QUICK INSTALLATION GUIDE

WIRELESS REPEATER



Requires Either Max Door Controller (**Intelle 16Z Plus** or **Intelle 8Z**), and Max Wireless Entry Point (**Wireless Card Reader**, **Wireless Door Controller Keypad**, or **Wireless Access Point**)



Wireless Repeater
MAX WR



Extends Entry Point wireless range

Bridges the gap caused by signal-blocking obstacles



OR



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MAX WIRELESS REPEATER

OVERVIEW

MAX WIRELESS REPEATER

• EXTENDS WIRELESS RANGE

- Bridges the gap caused by signal-blocking obstacles—such as trees, metal structures, and/or concrete walls between any entry point and door controller

EXTENDED RANGE:

Outdoor- 2 Mile (line-of-sight)

Indoor- 2000 ft (Urban)



OR



Intel 16Z PLUS



Max Wireless Repeater



Max Wireless Repeater



Max Wireless Repeater



Max Access Point

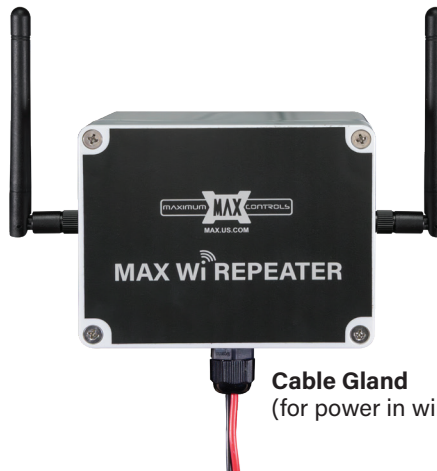


Max Wireless Card Reader



Max Wireless Door Controller Keypad

Channel A
Antenna 900Mhz
(to Intelle Door Controller unit)

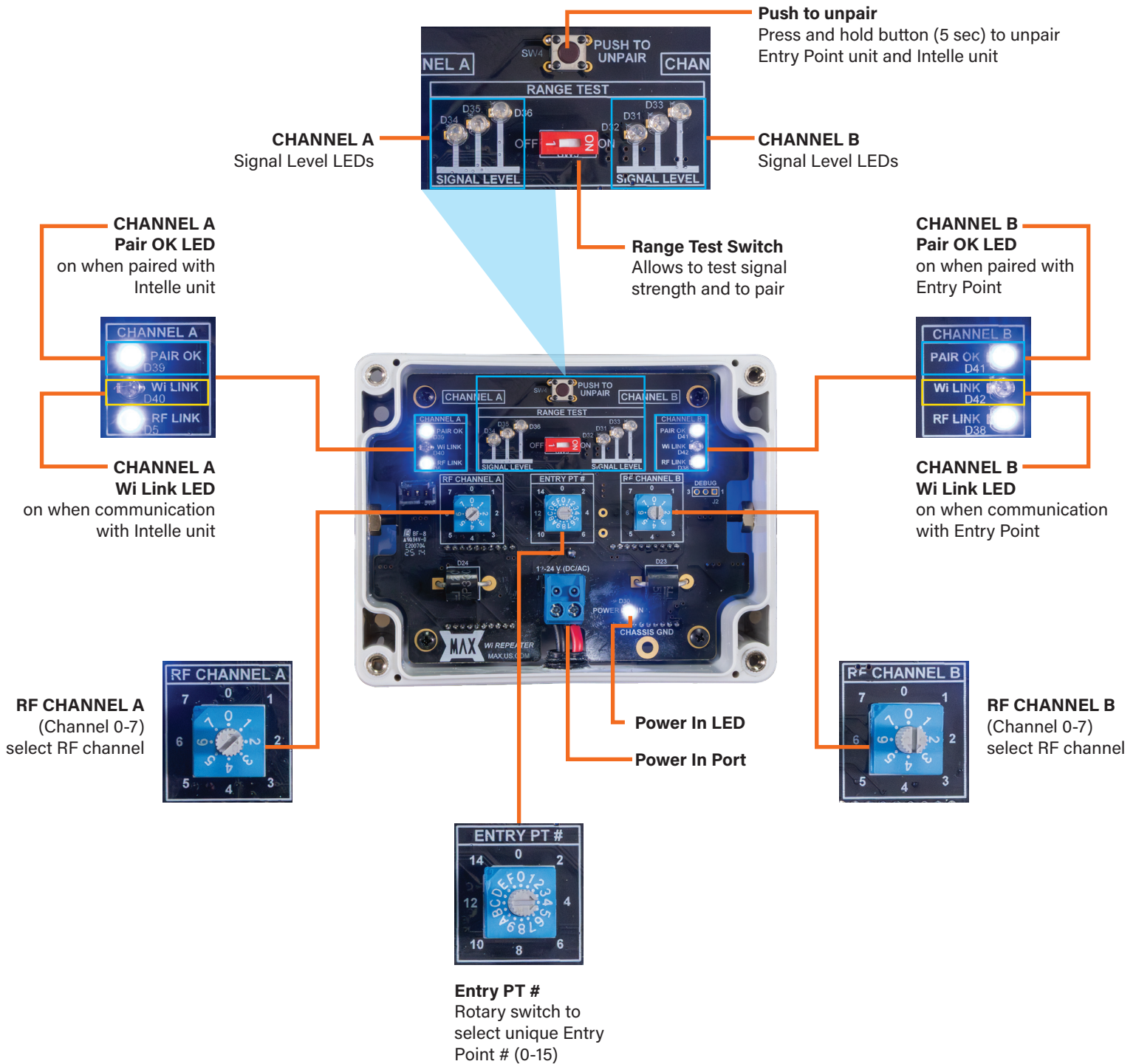


Channel B
Antenna 900Mhz
(to entry point unit)

Cable Gland
(for power in wires)

MAX WIRELESS REPEATER

OVERVIEW

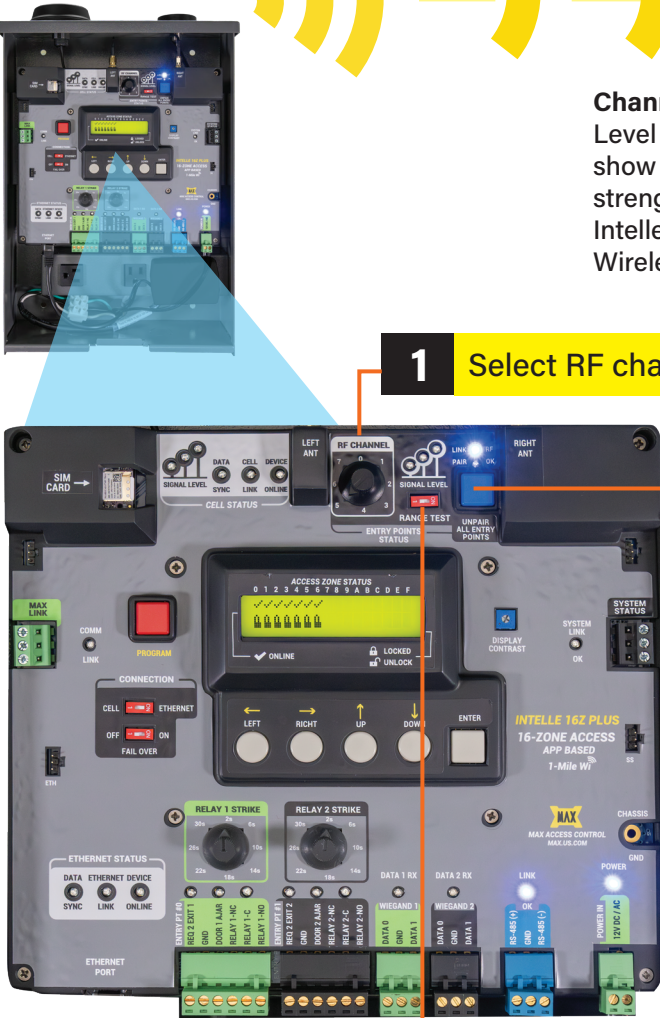


ENTRY POINT WIRING & SETUP

RANGE TEST & PAIRING BETWEEN INTELLE 16Z PLUS AND WI ACCESS POINT (USING WIRELESS REPEATER)

Note: The same Range Test & Pairing process is used for Intelles 8z and other Wireless Entry Points

Intelle 16Z PLUS



1 Select RF channel

2 Turn ON Range Test

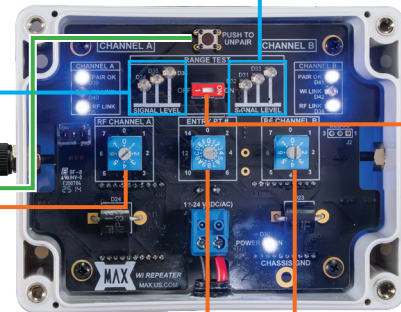
Signal Level LEDs will start flashing sequentially indicating range test in progress



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.

Channel A Signal Level LEDs will show RF signal strength between Intelle 16Z Plus and Wireless Repeater

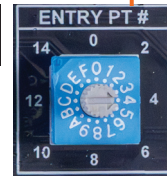
Channel B Signal Level LED will start flashing sequentially indicating range test in progress



3 Select same RF Channel as Intelle 16Z Plus Unit

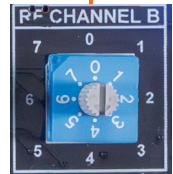
Select unique Entry Pt #

4



Select RF Channel B (Different than RF Channel A)

5



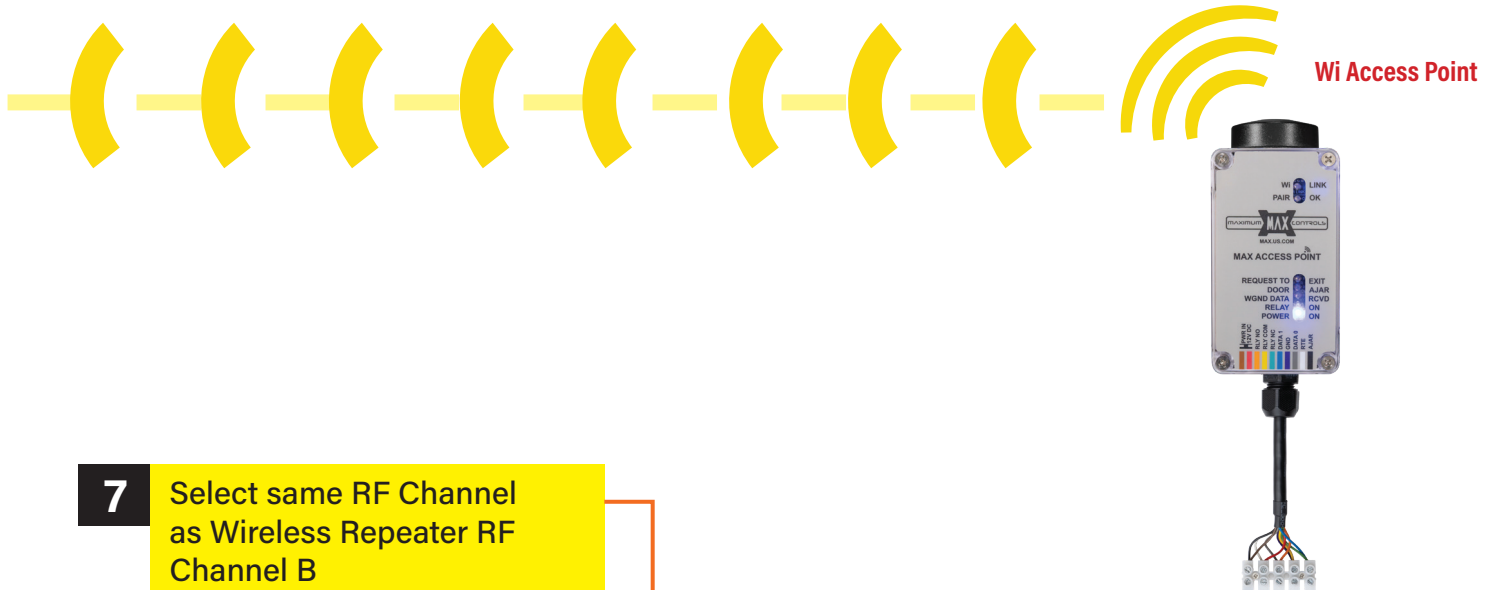
6 Turn on Range Test

Note: Both Pair OK LEDs must be off before pairing. If not, turn off Range Test Switch and press and hold "Push to Unpair" button for 5 sec until LEDs turn off.

Note: To see signal strength between Wireless Repeater and Wi Access Point, check **Signal Level** LEDs on the **Wi Access Point**.

ENTRY POINT WIRING & SETUP

RANGE TEST & PAIRING BETWEEN INTELLE 16Z PLUS AND WI ACCESS POINT (USING WIRELESS REPEATER)



7 Select same RF Channel as Wireless Repeater RF Channel B

8 Select same Unique Entry PT # as Wireless Repeater



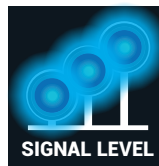
9 Turn ON Range Test



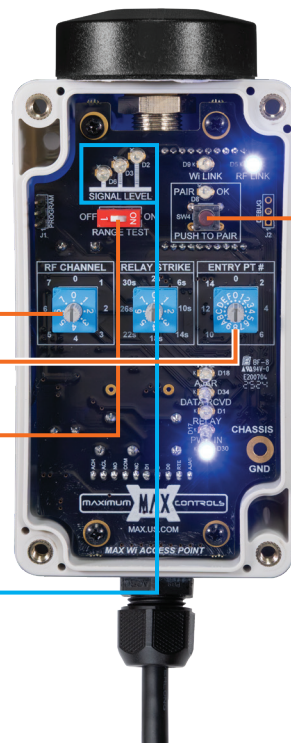
All 3 Signal Level LEDs will **TURN ON** when RF range is good.

If range is poor, (less than 3 LED's on)

Refer to Appendix section "Range Troubleshooting for Entry Pts"



Wi Access Point



10 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.



11 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, Wireless Repeater, and Intelle 16Z Plus.



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

MAX WIRELESS REPEATER

