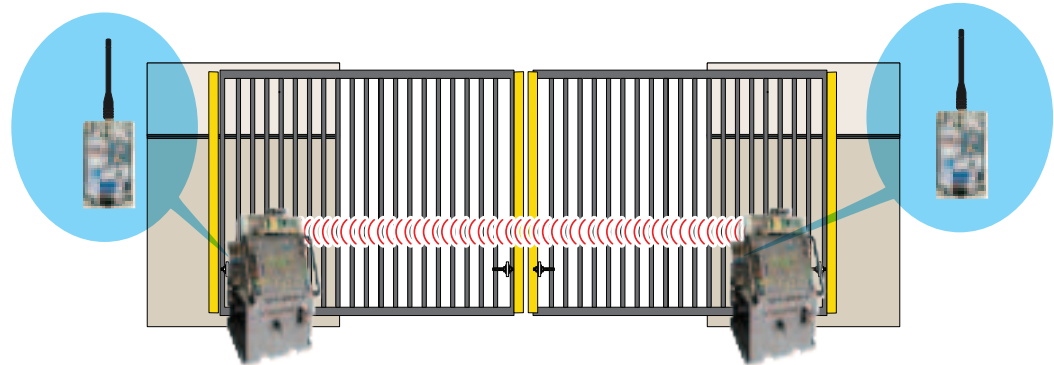


Range test ON on both

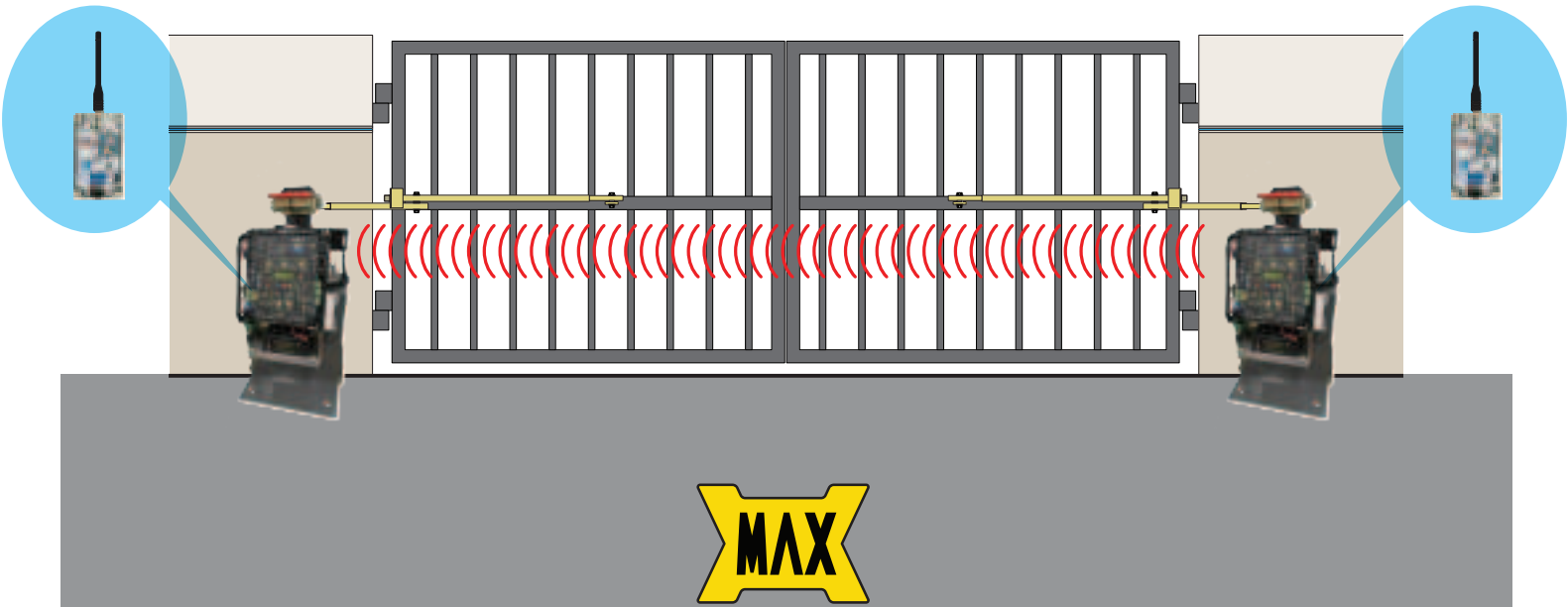


SYMPTOM	POSSIBLE CAUSE	SOLUTION
If "link Ok" LED on Matrix III is OFF	Channels not matching on Wi RS 485 Link units	Set the RF Channels on both Wi RS 485 Link units to the same channel
	Wi RS 485 Link units NOT paired	Pair the two Wi RS 485 Link units using their pair buttons. Pair LED should turn ON on both units when properly paired
	Incorrect wiring between Matrix III and Wi RS-485 Link unit (primary and/or secondary operator)	Double check if wiring on Wi RS 485 Link and Matrix III are as follows: (+) Matrix III to (+) Wi RS 485 Link (-) Matrix III to (-) Wi RS 485 Link
	On Matrix III board, Mode A, Dip Switch 8 is OFF	Ensure Matrix III Mode A, Dip Switch 8 is ON



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MAX Wireless RS-485 LINK  
FOR PRO SERIES



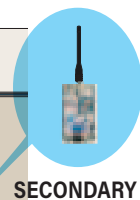
# MAX Wireless RS-485 LINK FOR PRO SERIES



The MAX wireless RS-485 is designed to wirelessly communicate between the **PRIMARY** and the **SECONDARY** MAX PRO gate operators.



PRIMARY



SECONDARY

## PRIMARY Wi RS-485 Link

900MHz Robust Signal  
Up to 1 Mile using Line-of-Sight

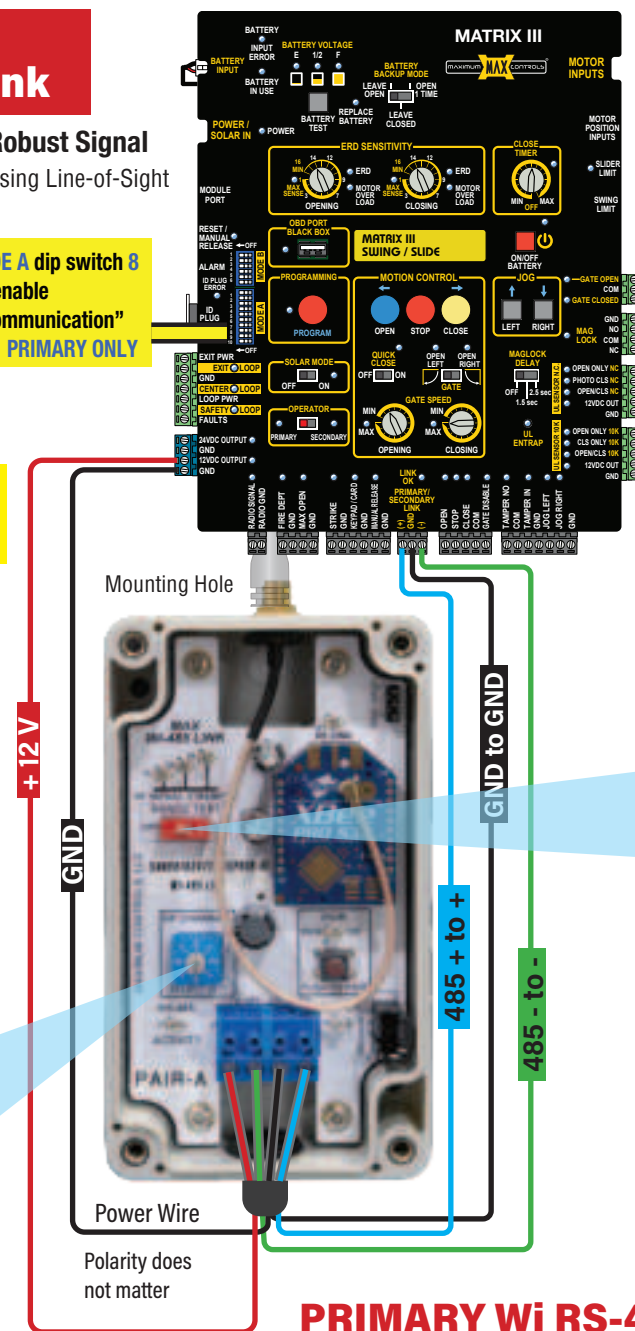
- TURN ON **MODE A** dip switch 8 to enable "wireless communication" on MATRIX III **PRIMARY ONLY**

- Wiring Primary Wi RS-485 Link to Matrix III as shown

485 (+) to (+)  
485 (-) to (-)  
GND to GND  
+12V to 12V  
GND to GND

- Select "RF Channel #" using rotary switch

**ONLY** use channels 0 thru 6.



**PRIMARY Wi RS-485 Link**



## SECONDARY Wi RS-485 Link

- Wiring Secondary Wi RS-485 Link to Matrix III as shown

485 (+) to (+)  
485 (-) to (-)  
GND to GND  
+12V to 12V  
GND to GND

- Select "RF Channel #" Channels **MUST** match in Primary and Secondary units.



- TEST RANGE

TURN ON Range Test Switch in **Primary** Wi RS-485 Link Unit

TURN ON Range Test Switch in **Secondary** Wi RS-485 Link Unit

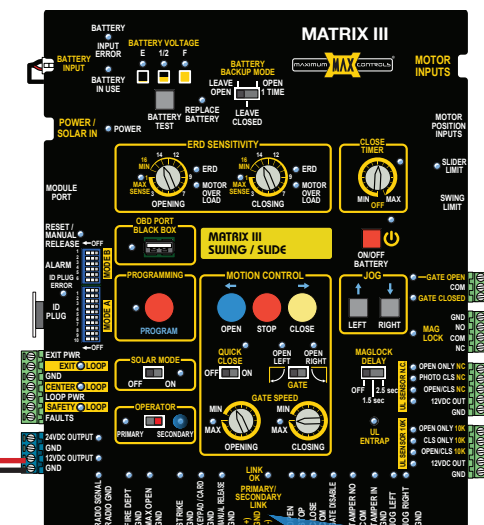
After few seconds, all three LED's will **TURN ON** when RF range is ok. If range is poor, reposition Primary or Secondary unit to get better range.

(Check PAIR LED is ON, if not call tech support)

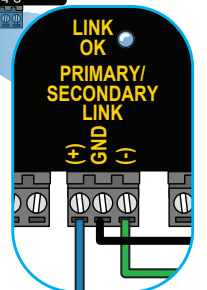
### SIGNAL QUALITY

**3 LED's ON** - Excellent | **2 LED's ON** - Good | **1 LED ON** - Poor

- TURN OFF TEST RANGE SWITCH in both units **MUST** remain OFF for Normal Operation



**SECONDARY  
Wi RS-485 Link**



- PAIR LED  
Link OK LED Must be ON in Primary and Secondary Matrix III Boards for Normal Operation (If not ON do range test below)

