IntelliFlex I/O **WNG2** - Wireless Network Gateway - C156.347

INSTRUCTION
PROGRAMMING

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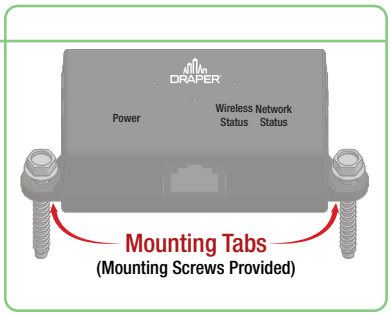
Section 1 - **Mounting to Structure**

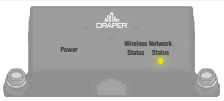
1. Determine mounting location of WNG and mark on wall or ceiling.
2. Using appropriate fasteners, secure WNG to structure using the side tabs.

Section 2 - **Wiring**

1. Plug WNG into DEVICE port of NDC1 or NDC3.



Section 3 - **LED Indicators**

LED NAME	LED COLOR	LED DISPLAY	DESCRIPTION
POWER LED	GREEN		Power to the device
DEVICE	BLUE		**Flashing Blue** (pairing mode) **Solid Blue** (remote paired) **Blue Flash** = command received **Off** (no remote paired)
NETWORK STATUS	BLINKING AMBER		Communicating on the network. The blink pattern shows total number of devices on network. A short blink = 1 device. A long blink = 10 devices

Section 4 - **Pairing**

1. Press & Hold PROGRAM button on WNG V2 for 3 seconds *(Blue LED will begin to flash)*
2. Press & Hold STOP on IO wireless remote/wall switch *(Blue LED will go SOLID to confirm pairing)*

To assign a shade group to a channel on the RF remote:
1. Use MLT to assign channels *(if using multi-channel remote/wall switch)*

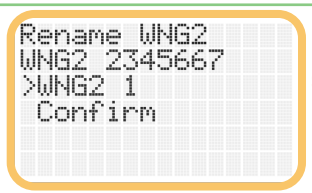
Section 5 - **Programming**

5.1 Identify/Select WNG

1. From MLT main menu, select DEVICE SETTINGS then select RF Remote.
2. Choose WNG from list of switches on network
3. To identify WNG, highlight WNG and Network Status LED will blink rapidly to identify it.

5.2 Renaming WNG

1. Select RENAME
2. Channel can be assigned a numerical value for easier identification.



MLT SCREEN

5.3 Configuring Switch Parameters

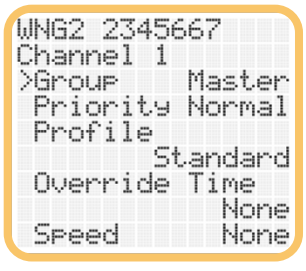
1. Select Channel to configure

From this menu, you can configure the following parameters:

Group: Assigning channel to previously configured shade group or assign as a MASTER.
Priority: **Low -** Channel will only operate if there are no other overrides on the group
Normal - Channel will operate shade group if no HIGH priority overrides on the group
High - Channel will lock-out all other controls until cleared
Profile: Please refer to section 4.5 for profile descriptions.
Override Time: Time in minutes that the channel override will be active.
The range can be NONE (indefinite override) or anywhere from 1-999 minutes.

Speed (DC Motors Only): **None -** (will use default speed on motor).

RPM Value - User defined speed when operating from RF



5.4 Factory Reset

1. Select Factory Reset from the menu to return channel to default factory settings (Master Control)..

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Section 6 - **Profile Descriptions**

Profile 1: Standard Profile

Command	Response
Tap Open	Cycles down through presets
Tap Close	Cycles up through presets
Hold Open	Goes full open (bypass presets)
Hold Close	Goes Full close (bypass presets)
Stop	Stops shade travel at current position

Profile 2: No Presets Profile

Command	Response
Tap/Hold Open	Cycles down through presets
Tap/Hold Close	Cycles up through presets
Stop	Stops shade travel at current position

LED Indicators

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Section 7 - **Troubleshooting**

OBSERVATION	POSSIBLE CAUSE	POTENTIAL SOLUTION
LEDs OFF	No Power	Confirm Power to Motors
LEDs OFF	Faulty Network Cable	Check connections on Network In/Out Cables
LEDs OFF	Device Plugged into Network Port	Remove Device Cable from Network In/Out port
DEVICE LED OFF	Device Not Connected	Ensure device cable is securely engaged into device port
DEVICE LED OFF	Faulty Device Cable	Test Device cable with Network Cable Tester
DEVICE LED OFF	Faulty Device	Test Device cable with Network Cable Tester
DEVICE LED BLINKING	Faulty Device Cable	Test Device cable with Network Cable Tester
	Faulty Device	Move Device to a different NDC. If issue persists, replace device
POWER LED FLASHING	Network Cable Plugged into Device Port	Remove Network IN/OUT Cable from Device Port
POWER LED RED ON MIDDLE NDCs	Auto-termination Failure	Use Motor Limit Tool to manually enable/disable termination
INCONSISTENT NETWORK STATUS BLINK PATTERN	Faulty Network Cable	Break Network into smaller segments to isolate faulty cable
		Check blink-pattern @ each NDC to determine where network connection break occurs; Replace network cable
WRONG # BLINKS NETWORK STATUS LED	Bad Device	Ensure DEVICE LED is ON for each DEVICE, if not refer to DEVICE LED OFF/BLINKING
	Bad Device Cable	Ensure DEVICE LED is ON for each DEVICE, if not refer to DEVICE LED OFF/BLINKING
	Bad Network Cable	Check blink-pattern @ each NDC to determine where network connection break occurs; Replace network cable
	Device Not Connected	Ensure DEVICE LED is ON for each DEVICE, if not refer to DEVICE LED OFF/BLINKING