

BG2S USER INTERFACE PANEL ORDERING INFORMATION



P/N: FT-BG2S-UIP-001

Date: _____

Name: _____

Company / Agency: _____

Email Address: _____

Phone Number: _____

PO Number (if applicable): _____

Truck Job / VIN / Serial #: _____

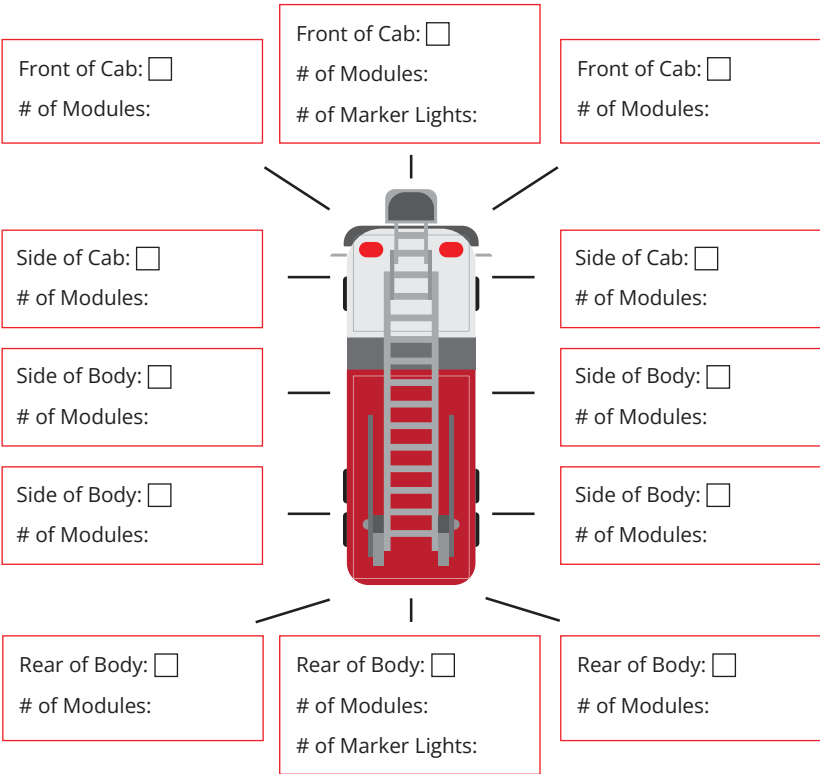
Engineering Point of Contact: _____

STEP 1:

Check off each area you will have BG2S fixtures on your truck, then type in the total number of modules in each fixture.

Note: If you have an engineering drawing of your apparatus you can use that as long as it clearly shows the location/ placement of each BG2S fixture and it is noted how many modules are in each fixture.

FIXTURE LENGTHS TO MODULES	
6" = 1 Module	40" = 9 Modules
10" = 2 Modules	42" = 10 Modules
12" = 2 Modules	44" = 10 Modules
16" = 3 Modules	48" = 11 Modules
18" = 4 Modules	52" = 12 Modules
20" = 4 Modules	56" = 13 Modules
24" = 5 Modules	60" = 14 Modules
26" = 6 Modules	64" = 15 Modules
28" = 6 Modules	68" = 16 Modules
32" = 7 Modules	72" = 17 Modules
34" = 8 Modules	76" = 18 Modules
36" = 8 Modules	80" = 19 Modules



STEP 2:

Review the list of BG2S functions and their descriptions.

CRUISE MODE	Turns on the color circuit to a steady burning "on" low power mode
GLOW MODE	Turns on the scene circuit (bottom circuit) to create a glow/halo around the truck. Used for general purpose work light but not super bright
GO MODE	Turns on spot, flood, and scene circuits to MAX intensity that is suitable for mission critical service calls
SPOT	White light circuit that produces the most distance and tightest beam pattern
FLOOD	The middle zone with medium beam spread and very wide beam pattern
SCENE	The white light zone closest to the apparatus. Scene shines down and out asymmetrically
ALT. FLASH	An alternating double flash pattern
TRAFFIC DIRECTOR LEFT/RIGHT	Sequential traffic directing light going from left to right or right to left
MARKER LIGHTS	Turns on 5 clearance and ID lights: outer edges and center group of 3 (spaced per DOT standard)
WARNING 1	A flash pattern which alternates even and odd module color circuits and includes a left/right alt. flash of the spot circuit on the front of the apparatus
WARNING 2	A flash pattern which randomizes color circuits and includes a left/right alt flash of the spot white circuit on the front of the apparatus
WARNING 3	A flash pattern which randomizes color circuits and includes a randomized flash of the spot white circuit on the front of the apparatus
WHITE LIGHT CUTOUT / WHITE FLASH DISABLE	This mode disables white light flash when warning circuits are active. Attach to park break or park circuit for NFPA compliance
DIM WHITE	When this circuit is on, the white scene light circuits will be dimmed to the pre-set percentage (50% by default). If you would like a different default please write percentage in the table
DIM COLOR	When this circuit is on, the warning and traffic director circuits will be dimmed to the pre-set percentage (50% by default). If you would like a different default please write percentage in the table
DIM LOW VOLT	When this circuit is on, the lights will dim 50% voltage is low
ALERT ACTIVE	This output trigger can only be selected if you have a HAAS Device and is only applicable if one of your inputs is a Warning 1, Warning 2, or Warning 3

STEP 3:

Check the box for if you would like to use the default input setup listed below **OR** if you would like to pick your own custom setup. This list will determine what the BG2S lights will do when triggered by non-user interface panel triggers. If you choose to pick your own, use the "Choose Your 4 Custom Input Functions and Locations" section to check off the four you want, then type the intended trigger for each function (example: Emergency Master, Parking Brake, etc). *If you are filling the form out digitally, the custom input table should automatically populate with the function and location information selected from the check boxes. If you are filling out the form by hand, please fill out your custom functions and locations in the table as well as the triggers.*

DEFAULT INPUT SETUP:

	TRIGGER	FUNCTION & LOCATION	FUNCTION DESCRIPTION
INPUT 1	Emergency Master	Warning 1 - Everywhere	Triggers a warning function
INPUT 2	Parking Brake	Cutout White Warning - Everywhere	White light cutout for warning function
INPUT 3	Marker Light Brow	Marker Lights - Brow	Triggers clearance and ID marker lights
INPUT 4	Any Door Open	Glow Mode - Everywhere	Triggers "glow" mode

CUSTOM INPUT SETUP:

CHOOSE YOUR 4 CUSTOM INPUT FUNCTIONS AND LOCATIONS:

	EVERYWHERE	BROW	REAR	DRIVER SIDE	PASSENGER SIDE	BROW + REAR	DRIVER + PASSENGER
Cruise Mode:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glow Mode:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Go Mode:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spot:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scene:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alt. Flash:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warning 1:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warning 2:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warning 3:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Marker Lights:	-	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>	-
White Light Cutout:	<input type="checkbox"/>	-	-	-	-	-	-
Warning Light Cutout:	<input type="checkbox"/>	-	-	-	-	-	-
Dim White: (provide %)	<input type="checkbox"/>	-	-	-	-	-	-
Dim Color: (provide %)	<input type="checkbox"/>	-	-	-	-	-	-
Dim Low Volt: (provide %)	<input type="checkbox"/>	-	-	-	-	-	-

	TRIGGER	FUNCTION & LOCATION
INPUT 1		
INPUT 2		
INPUT 3		
INPUT 4		

STEP 4:

Check if you would like to use the default output setup or if you would like to pick your own. This list will determine any non-BG2S lights triggered by the user interface panel (if there is not a BG2S in that location). If you choose to pick your own, use the "Choose Your 2 Custom Output Triggers" section on the next page to check off the two you want, then write the output trigger in the "Button/Trigger" section below as well as a description of what the output trigger will be controlling. *If you are filling the form out digitally, the custom output table should automatically populate with the button/trigger information selected from the check boxes. If you are filling out the form by hand, please fill out the button/trigger outputs and the descriptions.*

DEFAULT OUTPUT SETUP:

	BUTTON/TRIGGER	DESCRIPTION
OUTPUT 1	Scene On - Front	Vehicle voltage when "front scene light" button active
OUTPUT 2	All On	Vehicle voltage when "all on" button active

CUSTOM OUTPUT SETUP:

CHOOSE YOUR 2 CUSTOM OUTPUT FUNCTION/BUTTON AND LOCATION:

	EVERYWHERE	BROW	REAR	DRIVER SIDE	PASSENGER SIDE	BROW + REAR	DRIVER + PASSENGER
Glow Mode:	<input type="checkbox"/>	-	-	-	-	-	-
Go Mode:	<input type="checkbox"/>	-	-	-	-	-	-
Spot:	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
Scene:	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
Alert Active:	<input type="checkbox"/>	-	-	-	-	-	-

	BUTTON/TRIGGER	DESCRIPTION OF WHAT THE OUTPUT WILL BE CONTROLLING
OUTPUT 1		
OUTPUT 2		

ADDITIONAL NOTES:

STEP 5:

Please send a copy of this form to orders@hivizleds.com.
If you have a drawing of your apparatus, please include that as well.

