

BLUE GENIUS™ GOLD SERIES II VEHICLE RESTRAINT CONTROL PANEL SPECIFICATIONS:

The Control Station shall be **Model** Blue Genius™ Gold Series II as manufactured by BLUE GIANT.

TYPE:

Multiple touch button control station.

STANDARD FEATURES:

- NEMA4X/ IP65 polycarbonate enclosure- resistant to both corrosion and wet conditions
- Printed circuit board technology
- Keypad with supervisory override option and personalized security features
- Network connections- bidirectional communication and power wiring
- Onboard diagnostics and self-testing
- LCD intelligent display with multilingual text
- Red/Green/Yellow LED interior Lights Communication System
- Blue Genius™ memory and service interval indicator
- Programmable ports; two inputs and one output for interlocking purposes
- Finger safeguard against risk of shock
- UL/CSA approved

FUNCTION:

The Blue Genius Gold Series II- Restraint Control Panel controls a hydraulic vehicle restraint via constant pressure 'Engage' and 'Release' touch buttons. The LED Lights Communication System (Red, Yellow, and Green) is built into the controller and supplemented by driver warning signs. For added safety, the control station has a 'STOP' touch button that will freeze the unit in mid-motion when pressed. The 'Esc' touch button releases the unit from the stopped condition. Comes with exterior LED traffic lights package.

OPERATION:

Operating System: Loading dock equipment connected to the Blue Genius™ Control Panel is controlled via touch buttons that correspond to the equipment's function. The Stop button causes a complete motion freeze of connected dock equipment.

Lights Communication System: The lights communication system consists of LED red/yellow/green lights mounted on the control station and a set of exterior red/green traffic lights mounted on exterior wall, on the driver's side of the dock entrance. This system alerts both dock attendant and truck driver to current safety conditions.

VOLTAGE SELECTIONS:

- 115V / 1PH Range: 110-130 / 50-60Hz
- 230V / 1PH Range: 208-240 / 50-60Hz
- 230V / 3PH Range: 208-240 / 50-60Hz
- 460V / 3PH Range: 380-480 / 50-60Hz
- 575V / 3PH Range: 575-600/ 60Hz

CONSTRUCTION AND FINISH:

The Blue Genius™ is a multiple touch button control station with constant pressure buttons. NEMA4X/IP65 (wet and corrosion resistant) rated polycarbonate enclosure. Overall dimensions 11¼"L x 7½"W x 5½"D (287 x 190 x 140mm).

Exterior LED Traffic Lights: The housing shall be one-piece, weatherproof constructed and made of ultra high molecular weight plastic. The lights shall be 4" (101mm) diameter of red and green color. Overall body 5"W x 11½"L x ½"D (127 x 292 x 13mm) in size.

WARRANTY:

Warranties are subject to standard limitations on liability. Please consult Blue Giant warranties at <http://www.BlueGiant.com> for full details on warranty information and product registration.