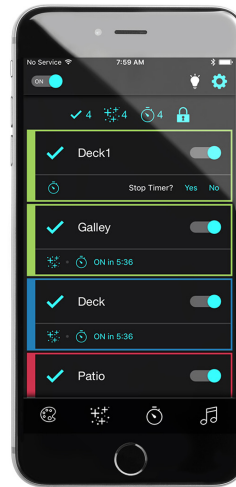# VersiControl™
RGB(W) Smart System Plus

*Patent Pending

Product Overview

- True RGB(W) controller for a virtually unlimited color palette
- Available with J1939, NMEA 2K or RV-C network
- Can be used as a stand alone product or integrated via a CAN Bus system
- Various independent zone combinations for RGB, RGBW, or addressable control
- Addressable zones are powered externally and use a digital signal which draws minimal current
- Total control of two or four-zone systems using pad controller or phone app
- Intuitive operation and easy visuals make controlling the lights functional and fun
- Software updates available through the ITC app
- Small footprint and aesthetics of the pad controller integrate with dash and radio controls
- IP66 water resistant rating

Product Details

	Control Module	Pad Controller (J1939 only)
Housing Material	Steel Reinforced Plastic	Plastic
Voltage	12 - 24V DC	10 - 28V DC
Current*	20A Max[1] RGB: 10A per zone max[2] RGBW: 12A per zone max	0.5A Max
Remote Distance	100FT	N/A
Bluetooth Verison	Bluetooth 4.0 BLE (Operating system: IOS 10.0 / Android 5.0 or greater)	N/A
IP Rating	IP66	
UV Stable	Yes	
Operating Temp.	-4°F - 122°F	

1 Always fuse the zone output line if wiring and load cannot handle the maximum current of 20 amps if a short occurs.

2 An additional 18A can be gained through the use of the ITC RGB amplifier, part #21080-18

3 EMC : FCC Part 15 Class B

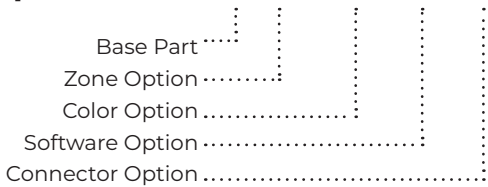4 NMEA 2000 - J1939 or NMEA 2K Communication Standard

ITC

3030 Corporate Grove Dr.
Hudsonville, MI 49426
Phone: 616.396.1355
itc-us.com

REV: 071124
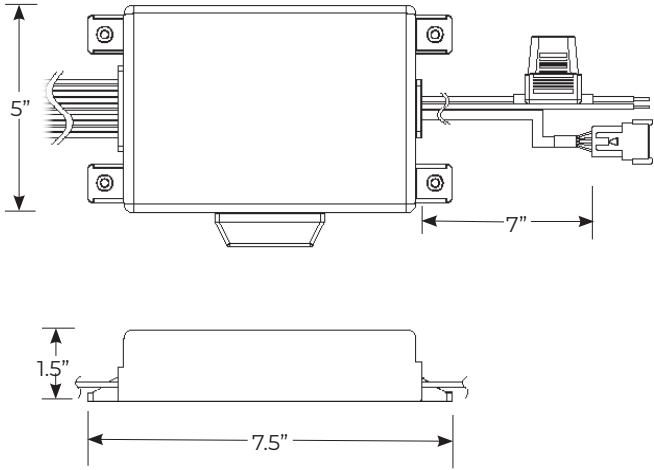
Specification Guide

Sample Part #: 23002-RGB-NM-01

Base Part
Zone Option
Color Option
Software Option
Connector Option

Base Part #	Zone Options	Color Option	Software Option	Connector Option
230	02 - Two Standard Zones 04 - Four Standard Zones 22 - Two Addressable/Two Standard Zones 31 - Three Addressable/One Standard Zone 40 - Four Addressable Zones	RGB - RGB RGBW - RGBW	00 - J1939 NM - N2K Lighting PGN Compatible* RV - RV-C	00 - W/O DT Connectors 01 - W/ DT Connectors

Screw Mount Pad Controller:**
21055 : RGB 4 Zone Pad Controller
21055-2Z : RGB 2 Zone Pad Controller

Spring Mount Pad Controller:**
21057 : RGB 4 Zone Pad Controller
21057-2Z : RGB 2 Zone Pad Controller
*Works with 1/8" mounting surface

*The NM version is also compatible with the ITC proprietary PGNs.

**The pad controller can only be used with the J1939 protocols
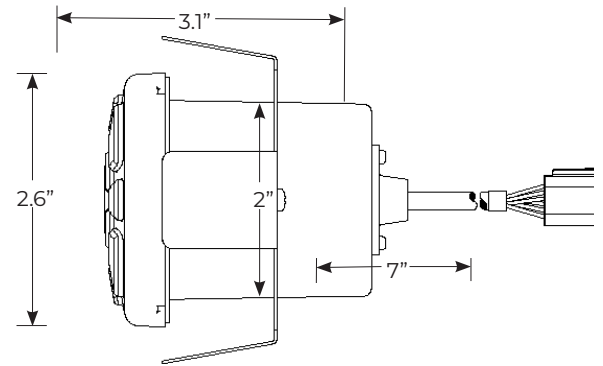
Control Module Key Features & Dimensions

- Custom programming available for brand differentiation (contact ITC for more information)
- Disabling zones one and two when the unit is in motion
- Bluetooth and CAN Bus controlled
- Smart FET protection and replaceable fusing on return lines
- Individual microcontroller per zone and master micro ensures consistent light output between all zones
- Simple dip switch controls allow for easy customization including:
  - Setting the system to power up in either the on or off state
  - Password reset back up
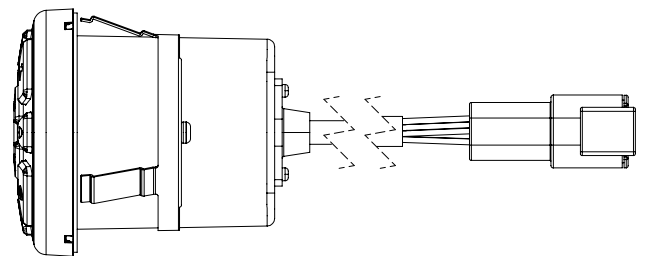 - Enable/disable Bluetooth function & antenna

5" 7" 1.5" 7.5"

Control Pad Key Features & Dimensions

• Control the color, color fade and brightness of each zone independently or together

• Illuminated pad keys provide better visual control in low light levels

• Quick white button for convenience, security and safety

• Manual Bluetooth pass code reset

• The control pad can only be used with the J1939 protocol controllers

Screw mount version

Spring mount version

Phone App Key Features

• Provides all the same control features of the control pad including, color, color fade, brightness and quick white

• Additional control features available on the app include:
- Camera color selection
- Set personal custom color effects
- On/Off timer
- Individual zone lock-out
- Personal pass code security
- Music beats