VANTAGE

EasyTouch II and EasyTouch Glass Stations

Installation Instructions • Instructions d'Installation • Instrucciones de Instalación

No: IS-0464 – 06/26 rev. 5

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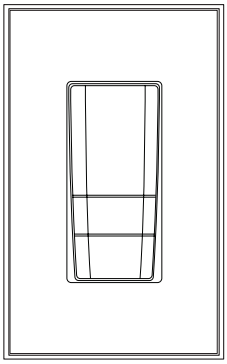
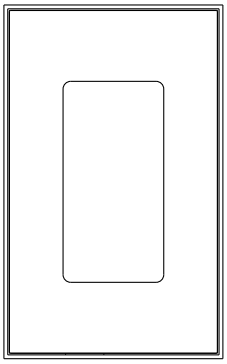
Catalog Numbers • Les Numéros de Catalogue • Los Números de Catálogo: KS1XXE, KS10XE-01NA, DSU10XE-02NA, DS10XE-01NA, SR10XE-01NA, SDR10XE-01NA, RK10XE-01NA, RDU10XE-02NA, RD10XE-01NA, RR10XE-01NA, RDR10XE-01NA

Country of Origin: Made in China • Pays d'origine: Fabriqué en Chine • País de origen: Hecho en China



EasyTouch II



EasyTouch II Glass

OVERVIEW

EasyTouch II and EasyTouch Glass stations provide seamless control for Vantage InFusion systems and use the same wiring and backbox requirements. EasyTouch II features a tactile Decora-style layout, while EasyTouch Glass features a seamless acrylic surface.

Each EasyTouch button is backlit with a diffuser and three-color LEDs, illuminating only the engraved lettering.

NOTE: Current technology does not allow LED suppliers to guarantee color values. It is common to have a slight difference among LEDs, however, this is not too noticeable with backlit engraving. Historically, blue and red LEDs are more consistent than green LEDs. Because of this slight variation it is recommended that one or two stations be pre-programmed with the colors the client is requesting and that these stations be shown to the client for their final approval before ordering and installing.

SPECIFICATIONS

Description	Specification
Dimensions, HWD	WireLink: 4.10" x 2.28" x0.78" (104mm x 58mm x 20mm) RadioLink: 4.13" x 2.28" x 1.40" (105mm x 58mm x 36mm)
Weight	1.8 oz (51g)
Surge Suppression Weight	Yes
Button LED	RGB, Full color
Button Configurations	1 - 5
Status LED	Automatic (white = off, orange = on)
Maximum Number of Gangs	Up to 4 gangs
Ability to Gang With Conventional Switches	Yes (See NEC Code Book for proper installation of Class 2 and Line Voltage connections)
Sound	Yes (Variable pitch)
Addressing	Self-addressing through software
Station Bus Connection	24V / 36V Station Bus, no polarity
Station Bus Specifications	2C, 16AWG / 1.31mm2, twisted, non-shielded, <30pF per foot. Separate a minimum of 12" / 30.5cm from other parallel communication and/or high-voltage runs
Station Wiring Configuration	Daisy-chain / Star / Branch
Station Equivalent 24V	3 Buttons count as 0.6 Watts, 5 Buttons count as 0.72 Watts
Station Equivalent 36V	3 Buttons count as 0.9 Watts, 5 Buttons count as 1.08 Watts
Auxiliary Connections	2
Auxiliary Wiring Connection	2 Wire 600V Pigtail (Included)
Power For External Devices	15mA @ 12VDC
Outdoor Use - 1 or 2 Gangs Only	With approved Weatherproof Cover (Part # WPC-1 or WPC-2)
Ambient Operating Temperature	32-95°F (0-35°C)
Ambient Operating Humidity	5-95% non-condensing
Certifications	UKCA, CE, UL, cUL

INSTALLATION

NOTE

A one button configuration WILL NOT SUPPORT the built-in ambient light sensor or the IR sensor. When using the Auto Backlight feature, create a second EasyTouch keypad style – one with the Auto Backlight feature unchecked for 1-button keypads and another with the Auto Backlight feature checked for multi-button keypads.

SYSTEM REQUIREMENTS

The EasyTouch style is compatible with InFusion Design Center version 3.3 software or higher. For new projects Vantage recommends that firmware and software be kept to the most current release.

INSTALLATION REQUIREMENTS

Installation of Vantage products should be performed or supervised by a Certified Vantage Installer. The Vantage Keypad Station installation is very simple. Connect using the 2 wire pigtail connection located on the rear of the station. It can be mounted into a standard 1-4 gang electrical box.

CAUTION: The mounting screws must be hand-tightened only, to prevent the station from flexing. If the faceplate will not stay on the station, the mounting screws may be too tight.

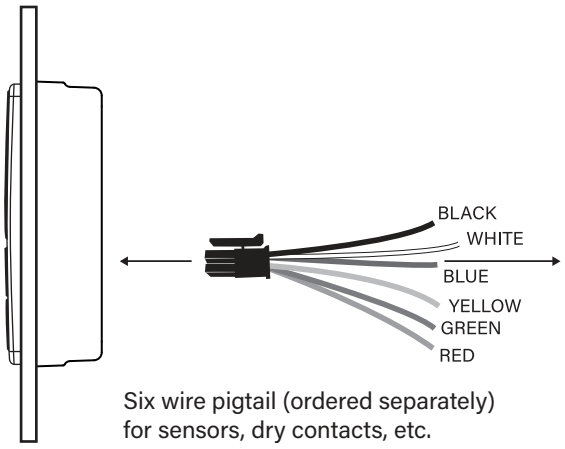
AUXILIARY CONNECTIONS

All auxiliary connections to the station are made with a six-wire pigtail available from Vantage. Motion detectors, door contacts, light sensors, etc., can be added to the system by simply connecting them to the auxiliary input of any RP-Touch keypad. A 15 mA @ 12V DC power supply for Vantage's Motion detectors and LightPoint sensors is supplied from this connection eliminating the need for an external power supply. Inputs 9 and 10 may also be used as remotely connected buttons or triggers.

NOTE: Secondary keypads are not available with EasyTouch buttons.

AVOID GROUND LOOPS WITH AUXILIARY CONNECTIONS

Auxiliary connections to the station are wired to a six wire pigtail, including motion detectors, door contacts, light sensors, etc. Each auxiliary connection supplies a 15mA 12V DC power source, eliminating the need for an external power supply. Auxiliary powered devices using the Black wire should not be earth grounded unless isolated.



Six wire pigtail (ordered separately) for sensors, dry contacts, etc.

EASYTOUCH KEYPAD SET UP IN SOFTWARE

INFUSION

In the Project Explorer click on Style/Profile View. Right- click on Keypad Styles and select Add Keypad Style. In the Object Editor window fill in all the information for the keypad style including the EasyTouch Button Shape and select the trim. Remember to check or uncheck the Auto Backlight check box to enable or disable this built-in feature. Right-click on button style and setup a button style with the button color wanted and backlit buttons. While still in Style/Profile View, right-click on LED Styles and fill in the appropriate information in the Object Editor for EasyTouch LEDs – Red/Green/Blue with ON and OFF colors. Next select the room, then click on Vantage Objects in the Object Explorer and expand Stations, WireLink. From the list of stations double-click on the Keypad Station to place it in the room. In the Object Editor, name the station and make sure it is on the correct WireLink bus.

CONFIGURATION

When the station is first connected to the Station Bus, the diagnostic LED will blink twice followed by a pause, meaning that the station is connected correctly but not yet configured. From Design Center, click on the Configure Stations button on the toolbar.Highlight the Keypad to be configured. The Status LED will blink 5 times followed by a pause and the button LEDs will blink rapidly between red and off indicating that the station is in configuration mode. To finish configuring press any button on the Station 3 times. The station may also be configured by typing the serial number in the project file, using this method the station will automatically be configured when the system is programmed. Please note, if the serial number contains an alpha character please ignore this when typing in serial number. Once configured the Status LED will be off and the buttons stop blinking.

DIAGNOSTIC LED INFORMATION

The status LED can be seen behind the sensor light bar which is located between the 3rd and 4th button diffusers. The status LED is off or blinks 2, 3, 4, or 5 times followed bya pause to indicate status information.

LED STATUS BLINKING PATTERNS

Off: Station is not powered – check that controller is powered and Station Bus connector has power.

NOTE: If the Station Bus has not been connected or the controller has no power the button LEDs will be off, and the station buttons will not sound when pressed. If a problem is being diagnosed make sure the Station Bus has power and is properly connected.

One blink: Station is programmed/configured to the system.

Two blinks: Station is operating correctly but is not configured.

Three blinks: Station is not communicating with the main Controller but has power. Verify that Station Bus wiring is correct and that the station is assigned to the correct Controller.

Four blinks: Station problem, please contact Vantage.

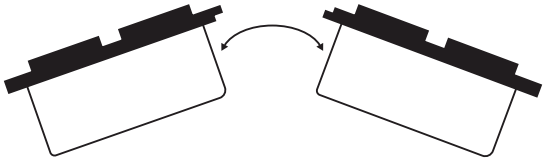
Five blinks: Configuration mode.

ASSEMBLY

JOINING STATIONS TOGETHER

With the EasyGang station design multiple stations easily snap together to build multi-gang stations.

1. Carefully break off the left, right or both tabs when ganging stations.
   NOTE: Only break both tabs off on inside stations, with three or more gangs.



2. Align the two stations being joined making sure that UP is the same for both stations.

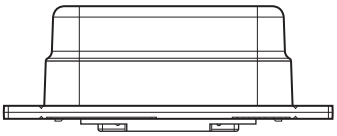
3. Carefully align locking groves to mesh correctly. Gently press the two halves together until they lock. The joined stations may then be straightened to secure the lock.

CLEANING

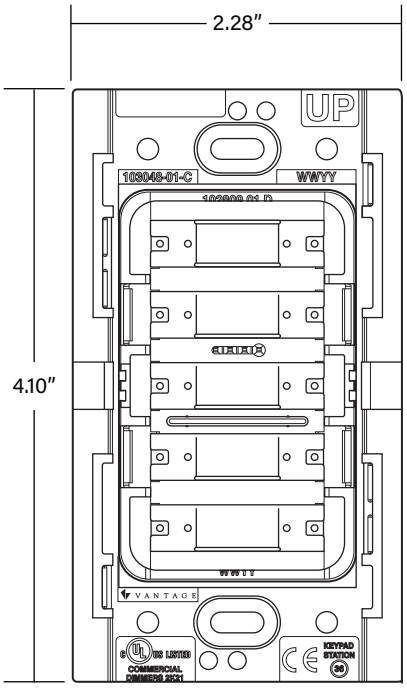
Dampen a soft cloth in water and wring-out to barely damp:

- Use a light buffing motion to wipe clean
- Do not take the station apart
- Never spray station with any cleaners

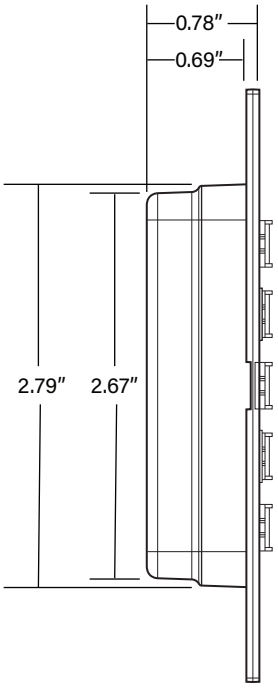
MULTI-VIEW LINE DRAWING - WIRELINK



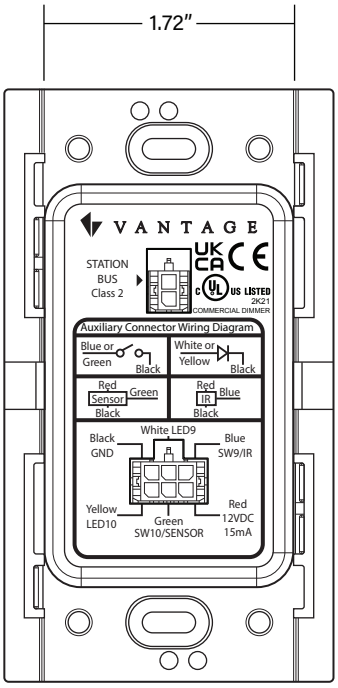
TOP VIEW



FRONT VIEW

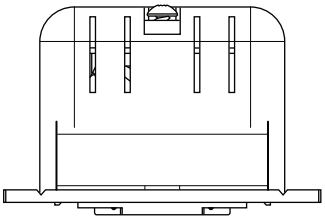


SIDE VIEW

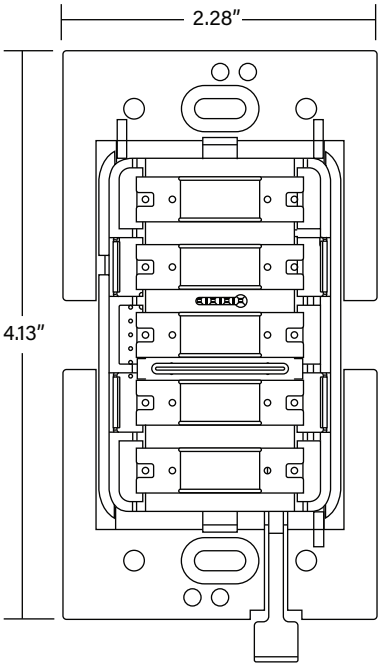


BACK VIEW

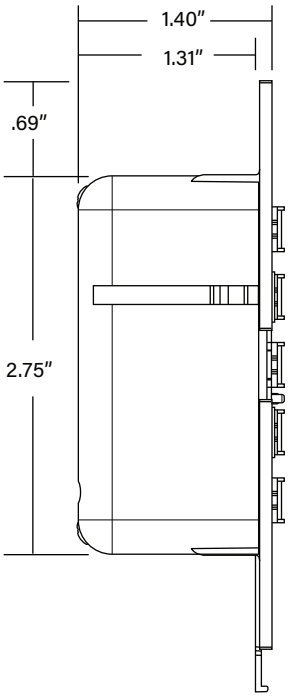
MULTI-VIEW LINE DRAWING - RADIOLINK



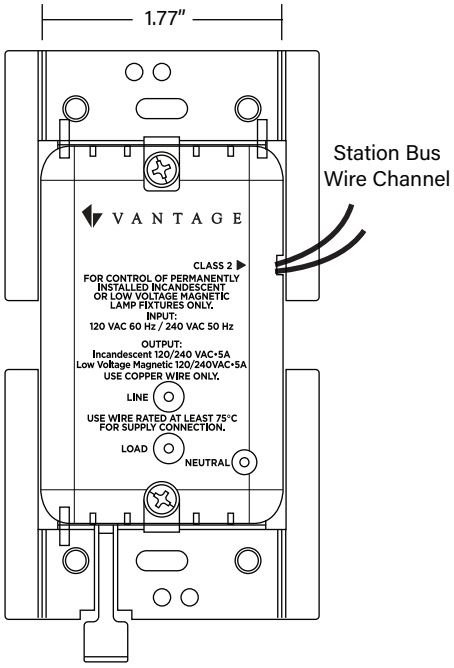
TOP VIEW



FRONT VIEW



SIDE VIEW



BACK VIEW

WARRANTY INFORMATION

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800.555.9891
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