VANTAGE

RP-TOUCH KEYPAD STATION

KS1XXR-XXXA

Two-, four-, six-, eight-button configurations

Compatible with 24-Volt or 36-Volt Station Bus

Available in metal faceplates

Full range RGB adjustable backlight for buttons

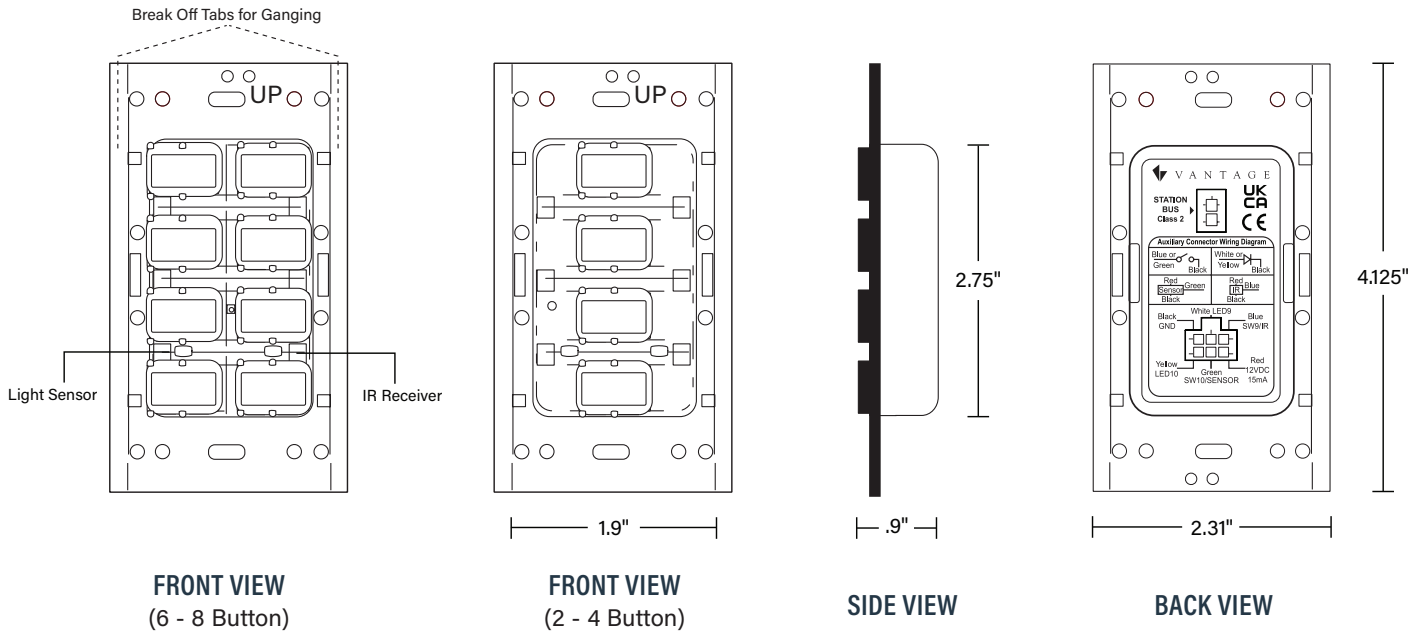True type font laser engraved button text

DESCRIPTION

RP-Touch is Vantage's minimalist user interface control station. Each button is engraved with true type font, is evenly backlit with RGB LED, and can be programmed with individual functions and status indications. RP-Touch keypads are designed and programmed through Design Center software (version 2.3 and higher). Installation is simple, requiring a proprietary 2-wire Vantage Station Bus pigtail connection. The keypad station can be mounted in low-voltage or electrical work boxes. The RP-Touch keypad station is ideal for residential and commercial projects with a simple appearance that makes it a perfect solution for reduced wall clutter.

FEATURES

- True type font laser engraved button text
- Full range RGB adjustable backlight for buttons
- Ambient light sensor for automatic day/night backlight intensity control
- Built-in IR receiver
- Responds instantly to button press regardless of system size
- Accepts multi-event programming on a single button

- Uses the standard Vantage two-wire, non-polarized Station Bus
- Compatible with 24-volt or 36-volt station bus
- Features the unique clip-loc bracket to securely fasten the faceplate to the station
- Built-in surge suppression
- Available in metal faceplates
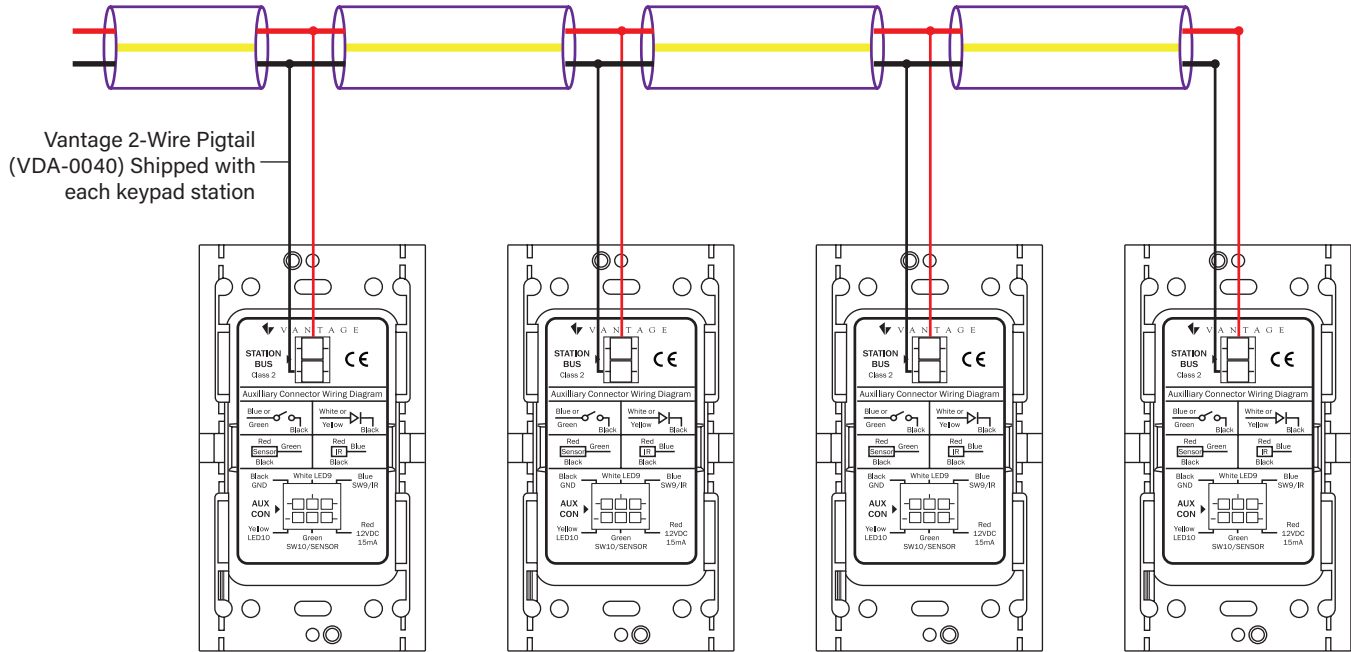
PROJECT		LOCATION/ TYPE	

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▼ V A N T A G E

MULTI-VIEW LINE DRAWING

Break Off Tabs for Ganging

UP

Light Sensor

IR Receiver

FRONT VIEW
(6 - 8 Button)

UP

1.9"

FRONT VIEW
(2 - 4 Button)

2.75"

.9"

SIDE VIEW

V A N T A G E

STATION
BUS
Class 2

UKCA CE

Auxiliary Connector Wiring Diagram

Blue or Green / White or Yellow
Black / Black
Red / Green / Red / Blue
Sensor / IR
Black / Black
Black / White LED9 / Blue
GND / SW9/IR
Yellow / Green / Red
LED10 / SW10/SENSOR / 12VDC 15mA

4.125"

2.31"

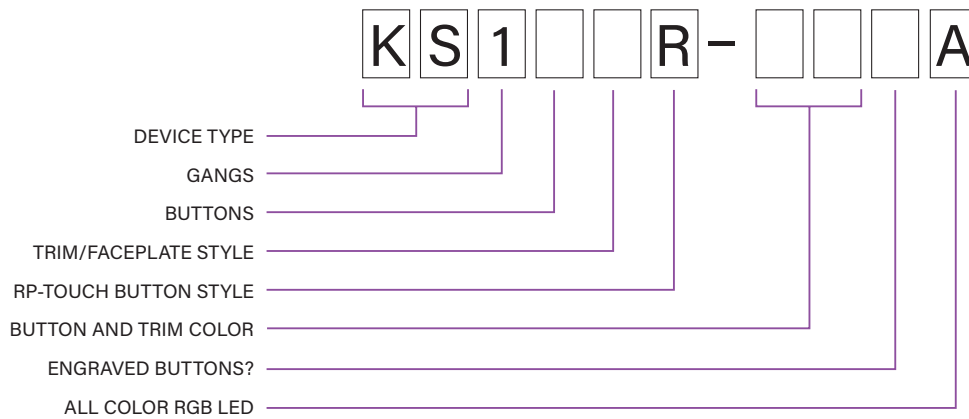**BACK VIEW**

SPECIFICATIONS

Dimensions, 1-Gang:	4.125″ x 2.31″ x0.9″ (105mm x 58mm x 23mm)
Model:	KS1XXR-XXXA
Weight, 8-Button Keypad:	1.8 oz (51g)
Faceplate Styles and Finishes:	See the Station and faceplate finishes specification sheet for a complete list of options
IR Receiver:	Yes, built-in / standard
LED:	RGB, full color
Number of Buttons:	2, 4, 6, 8
Maximum Number of Auxiliary Inputs:	2
Power For External Devices:	15mA @ 12VDC
Sound:	Yes, variable pitch
Station Count, InFusion:	2 or 4 buttons count as 0.75Watts @ station
	6 or 8 buttons count as 0.99Watts @ station
Station Bus Wiring Minimum:	2 Conductor, 16 AWG stranded, non-shielded twisted pair, 30 pF/foot max, UL rated CL2
Station Bus Topology:	Any combination of daisy chain or branch or home run
System Compatibility:	InFusion
Certifications:	UKCA, CE

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WIRING DIAGRAM

Vantage 2-Wire Pigtail
(VDA-0040) Shipped with
each keypad station

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STATION ORDERING KEY FOR RP-TOUCH KEYPAD STATION

K S 1 ☐ ☐ R – ☐ ☐ ☐ A

- DEVICE TYPE
- GANGS
- BUTTONS
- TRIM/FACEPLATE STYLE
- RP-TOUCH BUTTON STYLE
- BUTTON AND TRIM COLOR
- ENGRAVED BUTTONS?
- ALL COLOR RGB LED

DEVICE TYPE	BUTTON	TRIM/FACEPLATE CONFIGURATION	BUTTON STYLE STYLE	BUTTON & TRIM COLOR	ENGRAVED?
KS = WireLink Keypad	0 = Zero Buttons* 2 = Two Buttons 4 = Four Buttons 6 = Six Buttons 8 = Eight Buttons	T = TrimLine II X = No Trim**	R = RP-Touch	AW = Arctic White BK = Black OB = Original Bronze IV = Ivory TI = Titanium	Y = Yes N = No

NOTE *: Use "0" when ordering a device without buttons, trim, and faceplate (must also use "X" for Trim/Faceplate style)

NOTE **: Use "X" for use with SoftLine or Align faceplate styles.

FACEPLATE / TRIM PART NUMBERS

* For all blank spaces, enter button count (2, 4, 6, 8).

Finish	Color	Code	TrimLine II Faceplate	TrimLine II Trim	SoftLine Faceplate	Align Faceplate
PLASTIC Faceplate (1-Gang)	Arctic White	AW	FP1☐TR-AWNP	TR-12-AW	Not Available	Not Available
	Black	BK	FP1☐TR-BKNP	TR-12-BK		
	Ivory	IV	FP1☐TR-IVNP	TR-12-IV		
	Original Bronze	OB	FP1☐TR-OBNP	TR-12-OB		
	Titanium	TI	FP1☐TR-TINP	TR-12-TI		
METAL Faceplate (1-Gang)	Almond	AL	FP1☐TR-ALNM	See Above	FP1☐SR-ALNM	Not Available
	Arctic White	AW	FP1☐TR-AWNM		FP1☐SR-AWNM	
	Black Anodized	BA	FP1☐TR-BANM		FP1☐SR-BANM	
	Black	BK	FP1☐TR-BKNM		FP1☐SR-BKNM	
	Clear Anodized	CA	FP1☐TR-CANM		FP1☐SR-CANM	
	Ivory	IV	FP1☐TR-IVNM		FP1☐SR-IVNM	
	Oil-Rubbed Bronze	OB	FP1☐TR-OBNM		FP1☐SR-OBNM	
	Polished Brass	PB	FP1☐TR-PBNM		FP1☐SR-PBNM	
	Polished Chrome	PC	FP1☐TR-PCNM		FP1☐SR-PCNM	
	Satin Brass	SB	FP1☐TR-SBNM		FP1☐SR-SBNM	
	Satin Chrome	SC	FP1☐TR-SCNM		FP1☐SR-SCNM	

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OPTIONAL ENGRAVING SYMBOLS

When specifying engraving text for back-lit Vantage user interface buttons, it is possible to include any of 36 special symbols (shown in the table below). Symbols are available with Standard keypad style font size and can be used independently or in conjunction with text.

To designate the use of a symbol, use an asterisk * immediately followed by the symbol's character in the text field of a button.

Char.	Symbol	Char.	Symbol
A	🔇	S	⏻
B	🔈	T	🏠
C	🔉	U	🪭
D	🔊	V	💧
E	🔊	W	💡
F	🔊+	X	💡
G	🔊–	Y	▽
H	▷	Z	△
I	☐	0	🔥
J	‖	1	•
K	▷‖	2	• •
L	◁	3	• • •
M	▷▷‖	4	• • • •
N	◁◁	5	• • • • •
O	◁◁	6	👓
P	▷▷	7	⊞
Q	÷	8	▤
R	—	9	♦

ENGRAVING EXAMPLE

EXAMPLES:

*U = 🪭

Fan *U = Fan 🪭

Open *7 = Open ⊞

Close *8 = Close ▤