VIKING©

Control Relay Contacts Remotely

REMOTE TOUCH-TONE®
INDUSTRIAL DIGITAL CONTROLLER

VIKING
ELECTRONICS
HUDSON, WI 54016

VIKING
MODEL RC-2A

ENTRY CODE
A B 1 2 3

RJ-IN   RJ-OUT

The **RC-2A** Remote Controller provides remote relay operation from any standard Touch Tone telephone.

The controller is designed to be installed either locally or remotely. For local installations the **RC-2A** can be installed in series on any communications path, such as **Viking**'s **W-Series Doorboxes**.

For off-premise applications, the **RC-2A** can be installed on a line shared by a key system, PABX, single line phone or on a dedicated line. The **RC-2A** will answer C.O. lines or analog PABX/KSU station ports and allow remote relay operation after the second or fifteenth ring. A field programmable access code can also be programmed to prevent unauthorized usage.

http://www.VikingElectronics.com
E-mail...Sales@VikingElectronics.com

Features

• Programmable access code

• Selectable relay time delays

• Selectable ring delay (2 or 15)

• Easy installation with modular jacks and screw terminals

• Normally open or normally closed relay

• One year warranty

Made in the U.S.A.

Sales...(715) 386 - 8861

Applications

Remote Control of:

• High security building entry

• Heating/cooling equipment

• Pumps and fans

• Security systems

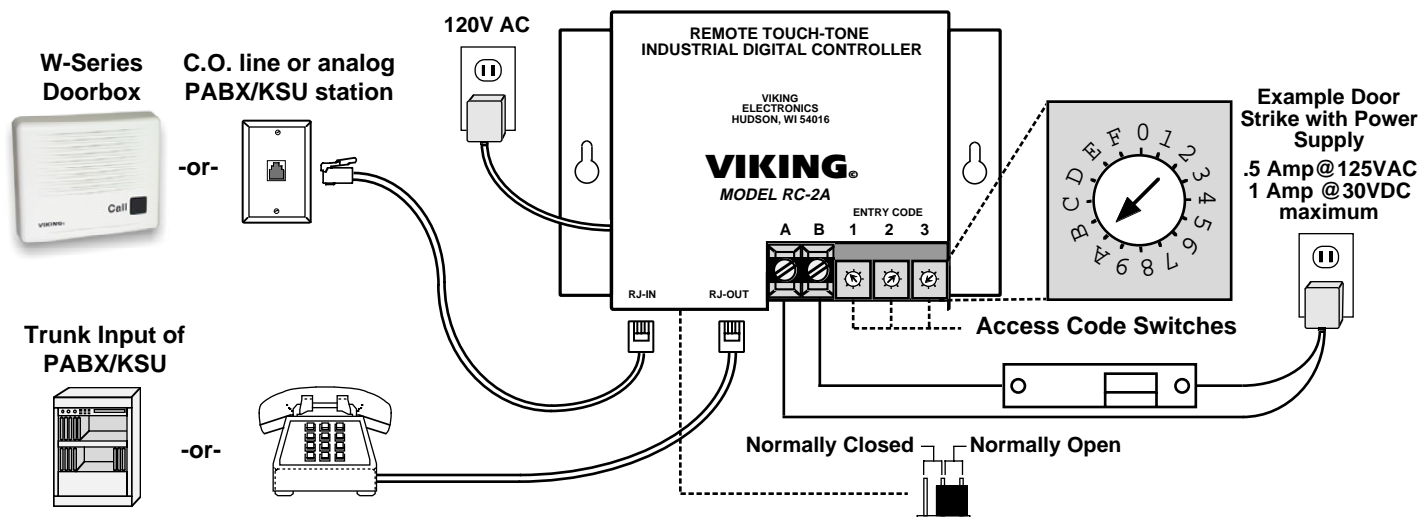• Gates

• Lighting

• PABX/KSU reset

Specifications

Power: 120VAC / 12VDC 500mA UL listed adapter provided
Dimensions: 133mm x 89mm x 44mm (5.25" x 3.5" x 1.75")
Shipping Weight: .9 k (2 lbs)
Environmental: 0° C to 32° C (32° F to 90° F) with 5% to 95% non-condensing humidity
Connections: (2) RJ-11 jacks and 2 pin screw terminal block
Relay Contact Ratings: .5A @ 125V AC/1A @ 30V DC

Programming and Operation

A. Access Code

Note: *An access code must be used, when the **RC-2A** is used on a line with other equipment that may dial.*

1. Setting the Access Code

The **RC-2A** contains (3) rotary access code switches. Using a small flat blade screwdriver, rotate the white arrow on each switch to the desired entry code setting. The code may be any digit 0 - 9 or "C" (# on a Touch Tone pad). For higher security applications, you may also use the E and F positions provided, however, you must have a special telephone with a 4 x 4 keypad.

2. Disabling the Access Code

When any switch is set to position "D" the access code is disabled. Any call to the **RC-2A** will have immediate access to activation codes.

B. Ring Delay

The **RC-2A** answers on the fifteenth ring by default. To program the **RC-2A** to answer on the second ring, use a "C" (Touch Tone **#**) as one of the access code settings (see section **A**, above).

C. Accessing the RC-2A Remotely

1. Call the **RC-2A** using a Touch Tone phone.
2. When the **RC-2A** answers, a single beep will be heard.
3. If an access code is in use, enter ✶ followed by your access code. If no access code is used, go to next step.
4. Enter a two digit relay activation code (see section **E** below).
5. Enter "**18**" before hanging up to force the **RC-2A** to release the line.

D. Accessing the RC-2A Locally

1. Establish voice connection with the **RC-2A** by accessing the doorbox or dedicated line.
2. If an access code is used, enter ✶ followed by your access code. If no access code is used, go to next step.
3. Enter a two digit relay activation code (see section **E** below).
4. If an access code is used, enter "**8**" before hanging up to place the **RC-2A** back into secure mode.

E. Relay Activation Codes   Enter:

To energize relay 1 *(two beeps)* **10**
To de-energize relay 1 *(one beep)* **19**
To energize relay 1 momentarily (.5 seconds) *(one beep)*...**13**
To energize relay 1 while **4** is pressed and for 1 second after *(one beep)* **14**
To energize relay 1 as long as **5** is pressed (.5 seconds minimum) *(one beep)*................................**15**
To energize relay 1 while **6** is pressed, and 5 seconds after *(one beep)*..**16**
To interrogate the relay status *(two beeps - energized, one beep - de-energized)* .... **1#**
To release the phone line (remote only) *(three beeps)*...**18**
To correct a mistake on relay selection code entry...**7**

Product Support Line...(715) 386-8666   Fax Back Line...(715) 386-4345