APPLICATION Note

TELECOM SOLUTIONS FOR THE 21ST CENTURY

K-2000-DVA, RC-2A, RC-3 Compatibility

July 6, 2020

Using the K-2000-DVA with the RC-2A and RC-3

Model RC-2A
(DOD 165)

The **K-2000-DVA** Digital Announcer is designed to be fully compatible with the Viking models **RC-2A** and **RC-3** remote DTMF controllers. No conflicts between the devices will occur, provided that both units are accessed using the operation and programming guidelines described below.

Model K-2000-DVA
(DOD 303)

Model RC-3
(DOD 160)

Important Potential Conflicts - *The **RC-3** may be programmed while on-line with the **K-2000-DVA**. However, due to potential Touch Tone conflicts, programming of the **K-2000-DVA** should **NOT** be attempted while on-line with **RC-2A** or **RC-3**. Programming of the **K-2000-DVA** via the RS-232 port is unaffected by this conflict and is the preferred method of programming.*

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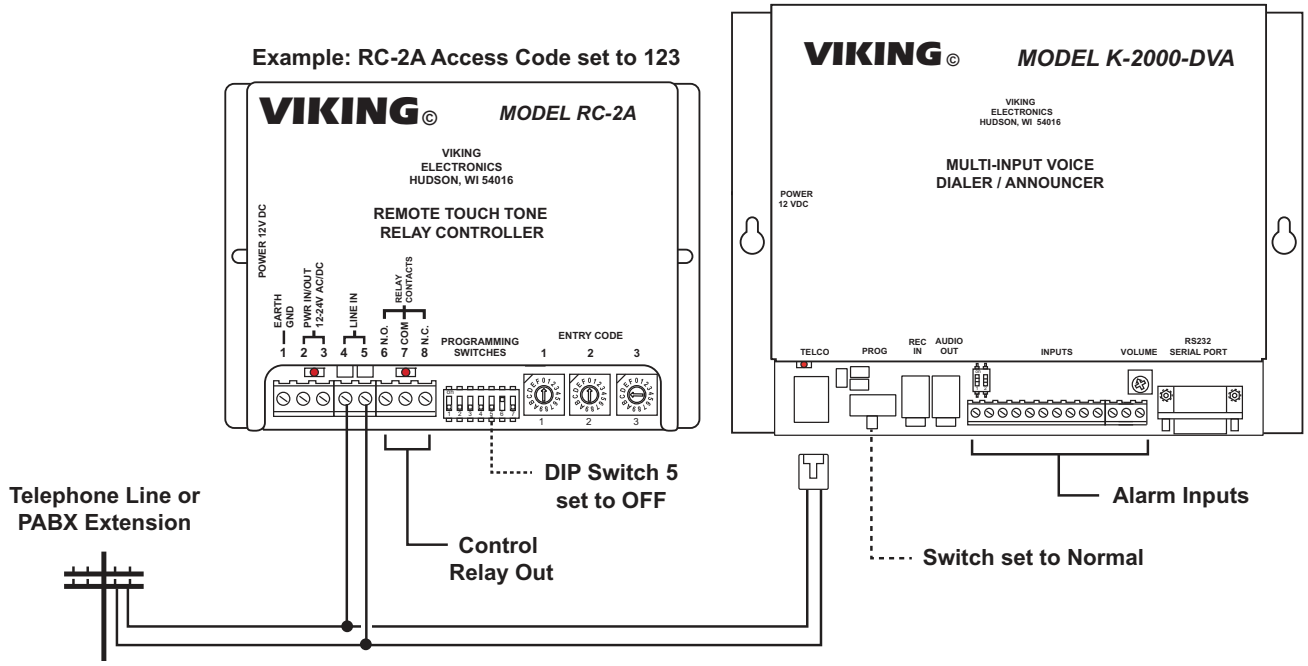
Installation

A. Installing the RC-2A with the K-2000-DVA

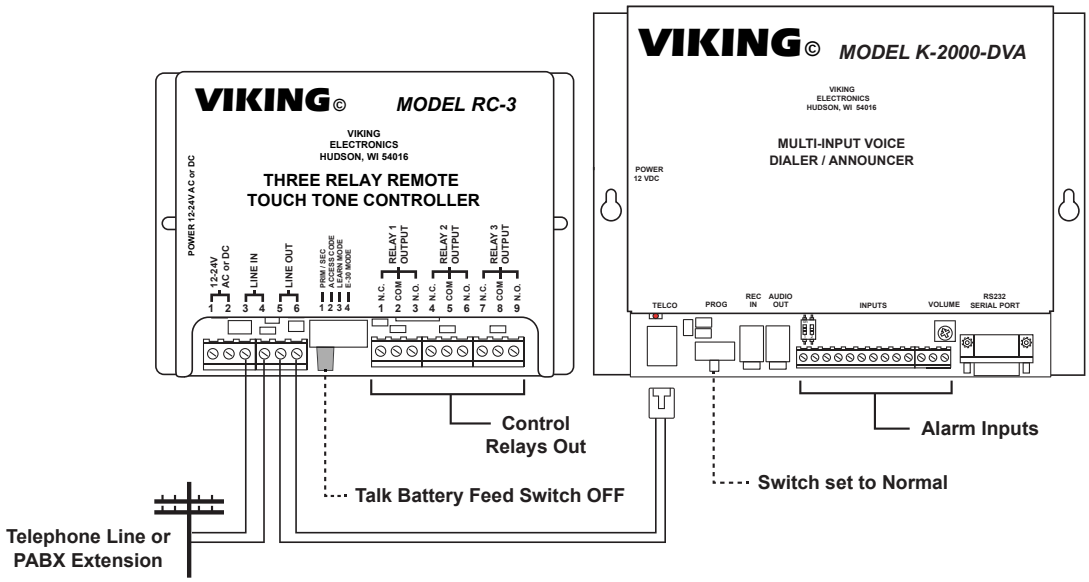
Example: K-2000-DVA Access Code set to 654321

Example: RC-2A Access Code set to 123



B. Installing the RC-3 with the K-2000-DVA

Example: K-2000-DVA Access Code set to 987654



Programming/Operation

A. Definitions

Reporting Mode - The mode of operation in which the **K-2000-DVA** has been triggered to dial out, for purposes of making contact with a party.

Polling Mode - The mode of operation in which a calling party has called into the **K-2000-DVA** for purposes of retrieving or clearing stored messages.

B. Configuring the RC-2A/RC-3 for use with the K-2000-DVA

1. The **RC-2A** or **RC-3** security or access code must be enabled.
2. Security and/or access code(s) for **RC-2A** or **RC-3** must differ from those of the **K-2000-DVA**.
3. The **RC-2A** or **RC-3** should be set for maximum ring delay (15 rings for **RC-2A**, 31 rings for **RC-3**).

C. Configuring the K-2000-DVA for use with the RC-2A or RC-3

1. The security and access codes for the **K-2000-DVA** must differ from those of the **RC-2A** or **RC-3**.
2. The **K-2000-DVA** must be set to answer in fewer rings than the **RC-2A/RC-3**.

D. Accessing the K-2000-DVA

1. While the K-2000-DVA is in the "Polling Mode"

a. Call into the **K-2000-DVA** and **RC-2A/RC-3** combination

b. When the **K-2000-DVA** answers, enter ✻ + the 6 digit access code for the **K-2000-DVA**. Two beeps will be heard from the **K-2000-DVA**. The **K-2000-DVA** may now be operated normally.

2. While the K-2000-DVA is in the "Reporting Mode"

If the **K-2000-DVA** is in the "Reporting Mode", the **K-2000-DVA** may be operated normally.

E. Accessing the RC-2A/RC-3

1. While the K-2000-DVA is in the "Polling Mode"

a. Call into the **K-2000-DVA** and **RC-2A/RC-3** combination

b. When the **K-2000-DVA** answers, enter ✻ + the 6 digit access code for the **K-2000-DVA**. Two beeps will be heard from the **K-2000-DVA**. Then enter ✻ + the 3 or 6 digital access code for the **RC-2A** or **RC-3** respectively. The **RC-2A/RC-3** may now be operated normally. ***Note:*** *The* ***RC-2A/RC-3*** *"force hang up" command will not automatically release the line, the user must hang up.*

2. While the K-2000-DVA is in the "Reporting Mode"

Enter ✻ + the 3 or 6 digit access code for the **RC-2A** or **RC-3** respectively. The **RC-2A/RC-3** may now be operated normally. ***Note:*** *The* ***RC-2A/RC-3*** *"force hang up" command will not automatically release the line, the user must hang up.*

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