

Viking VK-K-202-DVA

Viking Electronics K-202-DVA Two-Input Voice Dialer Announcer User Manual

Model: VK-K-202-DVA

1. INTRODUCTION

The Viking Electronics K-202-DVA is a two-input, multi-number auto dialer and voice announcer designed for emergency and non-emergency message notification. This device can be integrated into various systems to provide automated voice alerts and dial out to pre-programmed numbers upon activation of its inputs.

2. FEATURES

- Two independent input triggers for distinct notifications.
- Multi-number auto dialing capability.
- Voice announcement for emergency and non-emergency messages.
- Designed for reliable message notification.

3. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the K-202-DVA. Failure to do so may result in injury or damage to the device.

- Ensure power is disconnected before making any wiring connections.
- Install the device in a dry, protected environment, away from direct sunlight, moisture, and extreme temperatures.
- Use only the specified 12 VDC power supply.
- Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
- Keep out of reach of children.

4. SETUP AND INSTALLATION

This section details the physical connections and initial setup of the K-202-DVA unit.



Figure 1: Front view of the Viking K-202-DVA showing power, TELCO, volume, input, and ground connections.

4.1. Connection Points Overview

Refer to Figure 1 for the location of the following connection points:

- **POWER 12 VDC:** Connect the specified 12 Volt DC power adapter here.
- **TELCO:** Connect to the telephone line for dialing capabilities.
- **NORM / PROG Switch:** This switch is used to toggle between Normal operation mode and Programming mode. Ensure it is in the **PROG** position for initial setup and programming, and then switch to **NORM** for normal operation.
- **VOLUME:** A potentiometer for adjusting the output volume of the voice announcements.
- **LEARN INPUT SENS:** Used during the learning or programming phase, likely for input sensitivity adjustment or calibration.
- **INPUT 1:** First trigger input. Connect a device or sensor that provides a signal to activate the dialer.
- **GROUND:** Common ground connection for inputs and other system components.
- **INPUT 2:** Second trigger input. Connect another device or sensor for a separate activation signal.
- **EARTH GROUND:** Connection point for grounding the unit to earth for safety and performance.

4.2. Initial Wiring Steps

1. Ensure the unit is powered off.
2. Connect the telephone line to the **TELCO** port.
3. Connect your trigger devices or sensors to **INPUT 1** and **INPUT 2**, ensuring a common connection to **GROUND**.

4. Connect the 12 VDC power supply to the **POWER 12 VDC** terminal. Do not apply power yet.
5. If required by your installation, connect the **EARTH GROUND** terminal to a suitable earth ground point.

5. OPERATION

Once the K-202-DVA is properly installed and programmed, it operates automatically. Ensure the **NORM / PROG** switch is set to **NORM** for normal operation.

5.1. Triggering Announcements

When an input (INPUT 1 or INPUT 2) is activated by a connected device or sensor, the K-202-DVA will initiate its pre-programmed sequence. This typically involves:

- Dialing the pre-programmed telephone numbers.
- Playing the associated voice message for the activated input.
- Repeating the message or dialing sequence as configured during programming.

5.2. Adjusting Volume

Use a small screwdriver to carefully adjust the **VOLUME** potentiometer on the unit to achieve the desired announcement volume.

6. PROGRAMMING

The K-202-DVA requires programming to define the telephone numbers to dial and the voice messages to announce for each input. Refer to the detailed programming guide (often provided separately by Viking Electronics or available on their website) for specific steps. Generally, programming involves:

1. Switching the **NORM / PROG** switch to **PROG**.
2. Connecting a telephone or programming device to the unit.
3. Following a sequence of button presses or voice prompts to record messages and enter phone numbers.
4. Adjusting settings like dial attempts, message repetition, and input sensitivity (possibly using **LEARN INPUT SENS**).
5. Switching the **NORM / PROG** switch back to **NORM** after programming is complete.

For detailed programming instructions, please visit the official Viking Electronics support page or consult the full product manual.

7. MAINTENANCE

The K-202-DVA is designed for minimal maintenance. Follow these guidelines to ensure longevity:

- Keep the unit clean and free from dust. Use a soft, dry cloth for cleaning.
- Do not use liquid cleaners or aerosols directly on the unit.
- Ensure all connections remain secure.
- Periodically test the system to confirm proper operation, especially for emergency notification applications.

8. TROUBLESHOOTING

If you encounter issues with your K-202-DVA, try the following troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on.	No power, incorrect power supply, faulty connection.	Verify 12 VDC power supply is connected and functional. Check power outlet.
No dialing or announcement when input is triggered.	Unit in PROG mode, incorrect wiring, no phone line, programming error.	Ensure NORM / PROG switch is in NORM. Check input wiring. Verify phone line connection. Re-program the unit.
Voice announcement is too quiet or distorted.	Volume setting too low, poor recording quality.	Adjust the VOLUME potentiometer. Re-record the voice message if necessary.
Unit dials but no message is heard.	Message not recorded or corrupted.	Re-record the voice message for the corresponding input.

If the problem persists after attempting these solutions, contact Viking Electronics technical support.

9. SPECIFICATIONS

Attribute	Detail
Product Dimensions	7.5 x 7.5 x 4.5 inches
Item Weight	1.4 pounds
Model Number	VK-K-202-DVA
ASIN	B000UC894C
Manufacturer	Viking Components
Date First Available	September 14, 2004

10. WARRANTY AND SUPPORT

Specific warranty details for the Viking K-202-DVA are not provided in this manual. For comprehensive warranty information, technical support, and additional resources, please visit the official Viking Electronics website or contact their customer service department.

Viking Electronics Official Website: www.vikingelectronics.com

