



APPLICATION Note

TELECOM SOLUTIONS FOR THE 21ST CENTURY

**Provide Dialing
and Voice from a
Contact Closure**

January 21, 2000

Provide Auto Dialing (with Audio Input) from a Contact Closure



The **K-1900-5** Touch Tone Dialer can be used in conjunction with a handful of standard components to provide automatic dialing from a contact closure, with an audio input to the line.

This is useful in instances where live programs or pre-recorded announcements are to be transmitted via the public telephone network. Used in this application, the **K-1900-5** automates the process of connecting to the remote site.

Establishing and maintaining the link to the remote site is as simple as providing continuous contact closure behind the **K-1900-5**.

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Made in the U.S.A.

Installation

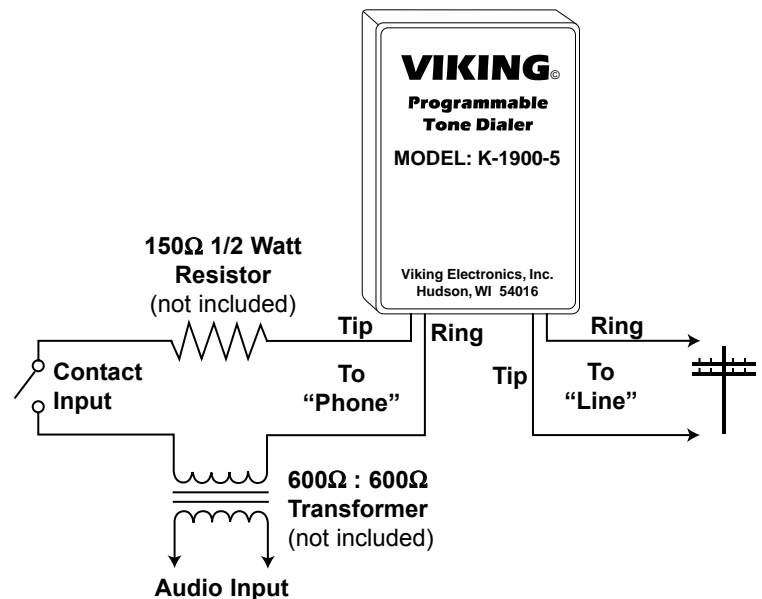
Note: This application note is to be used in conjunction with the **K-1900-5** Technical Practice, **Fax Back Document 317**.

Radio Shack Part Numbers (or equivalents):

150Ω 1/2 Watt Carbon Film Resistor - **#271-11009**

1 : 1 Isolation Transformer 600Ω-900Ω - **#273-1374**

1. Program the **K-1900-5** with the desired remote number as described in the **K-1900-5** Technical Practice.
2. Connect the components as shown in the diagram to the right. **Note:** It is recommended that the additional components (resistor, transformer, etc) be mounted to a perfboard or other suitable chassis.
3. Connect an audio source to the audio input. For optimal performance, the audio source should provide a 600Ω balanced output.
4. Closing the contact input initiates a connection with the remote location, which will sustain for as long as the contact remains closed. The signal at the audio input is passed directly to the telephone line.



Product Support Line... 715.386.8666

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