

VIKING APPLICATION NOTE

SECURITY AND COMMUNICATION SOLUTIONS

Provide Dialing and Voice from a Contact Closure

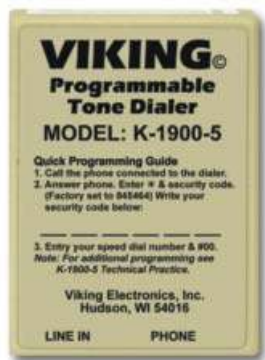
December 4, 2017

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

Relevant Products:

K-1900-5 (DOD 317)

AIB-1 (DOD 259)



The **K-1900-5** Touch Tone Dialer can be used in conjunction with a Viking Model **AIB-1** to provide automatic dialing from a contact closure, with an audio input to the line.

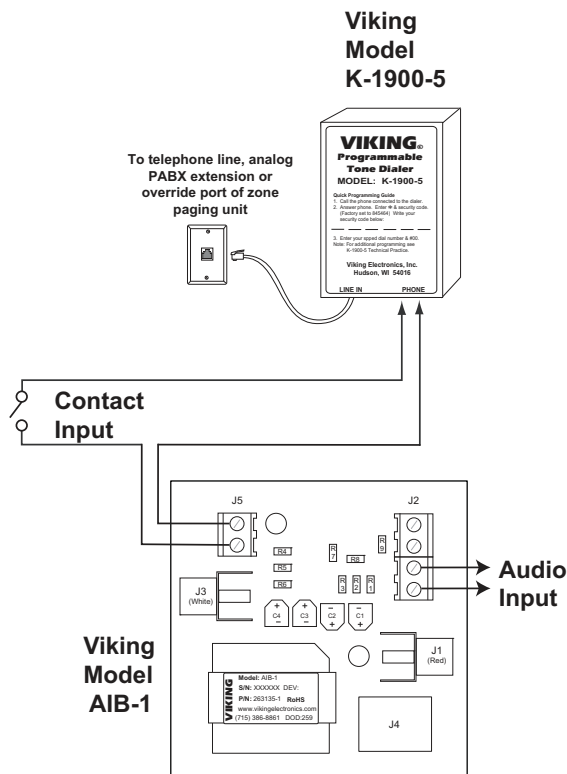
This is useful in instances where live programs or pre-recorded announcements are to be transmitted via the public telephone network. Used in this application, the **K-1900-5** automates the process of connecting to the remote site.

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

Installation

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

1. Program the **K-1900-5** with the desired remote number as described in the **K-1900-5** Technical Practice.
2. Connect the two units as shown in the diagram to the right.
3. Connect an audio source to the audio input. For optimal performance, the audio source should provide a 600Ω 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.



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