

VIKING APPLICATION NOTE

SECURITY AND COMMUNICATION SOLUTIONS

Provide Dialing and Audio from an Audio Source

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Provide Auto Dialing (with Audio Input) from an Audio Source

Relevant Products:

K-1900-5 (DOD 317)

FXI-1A (DOD 483)



The **K-1900-5** Touch Tone Dialer can be used in conjunction with an **FXI-1A** to provide automatic dialing when audio is present.

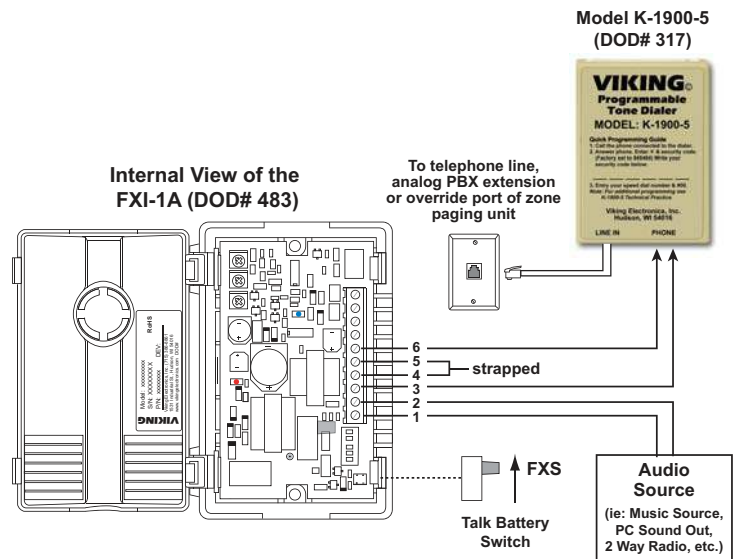
This is useful to play a message or broadcast CB radio transmissions to an actual phone, through an override port of a multi zone page controller, through the external paging system or through the speakers of proprietary phones and external paging at the same time.

Establishing and maintaining the link to the remote site is as simple as providing continuous audio to the **FXI-1A** with no breaks in the audio of 10 seconds or more. **NOTE:** The first 2 or 3 seconds of the audio are missed during the connection, as the dialer needs a little time to dial.

Installation

Note: This application note is to be used in conjunction with the **K-1900-5** Technical Practice, **DOD 317** and the **FXI-1A** Product Manual, **DOD 483**.

1. Program the **K-1900-5** with the desired remote number to dial + "#00", "*02", "*6" and "*2".
2. Connect the two units as shown in the diagram to the right.
3. Connect an audio source to the audio input of the **FXI-1A**. For optimal performance, the audio source should provide a 600Ω output.
4. On the **FXI-1A**, set Dip switches 4 and 5 to ON. Set the Page Time Out fully clockwise and set the Silence Time Out to the 3 o'clock position.
5. The presence of audio initiates a connection with the remote location, which will sustain for as long as audio remains present without any breaks of 10 seconds or more. The signal at the audio input is passed directly to the telephone line.



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