

Telecommunication Peripheral Products
Technical Practice

FBI-1
Anti-Feedback
Paging Interface
June 26, 1998

Eliminate Paging Feedback



The **FBI-1** utilizes state of the art digital recording technology to eliminate paging feedback by recording the "live" input from a telephone paging output or trunk port. The **FBI-1** then provides a closure to activate the paging system and delivers the stored page to the paging system.

Pages up to 16 seconds can be stored and the **FBI-1** automatically adjusts to the page length for faster processing. In addition, the **FBI-1** can be programmed to pause and repeat the page a second time.

<http://www.VikingElectronics.com>

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Features

- Eliminates paging feedback
- Solid state digital microchip technology records, then broadcasts pages
- 16 seconds of high-quality digital storage
- Compatible with virtually any paging or telephone system
- Eliminate "dead time" by automatically sensing announcement termination and switching from "Record" to "Page Playback" mode
- Programmable to repeat the page a second time
- Confirmation tone indicates the **FBI-1** is ready to accept a new page
- No need to install "confidencer" mikes, sound proof paging booths, or redirect paging horns
- No moving parts (maintenance free)

Applications

- Warehouses
- Industrial plants
- Large, noisy offices
- Stadiums
- Anywhere that paging feedback can become a problem

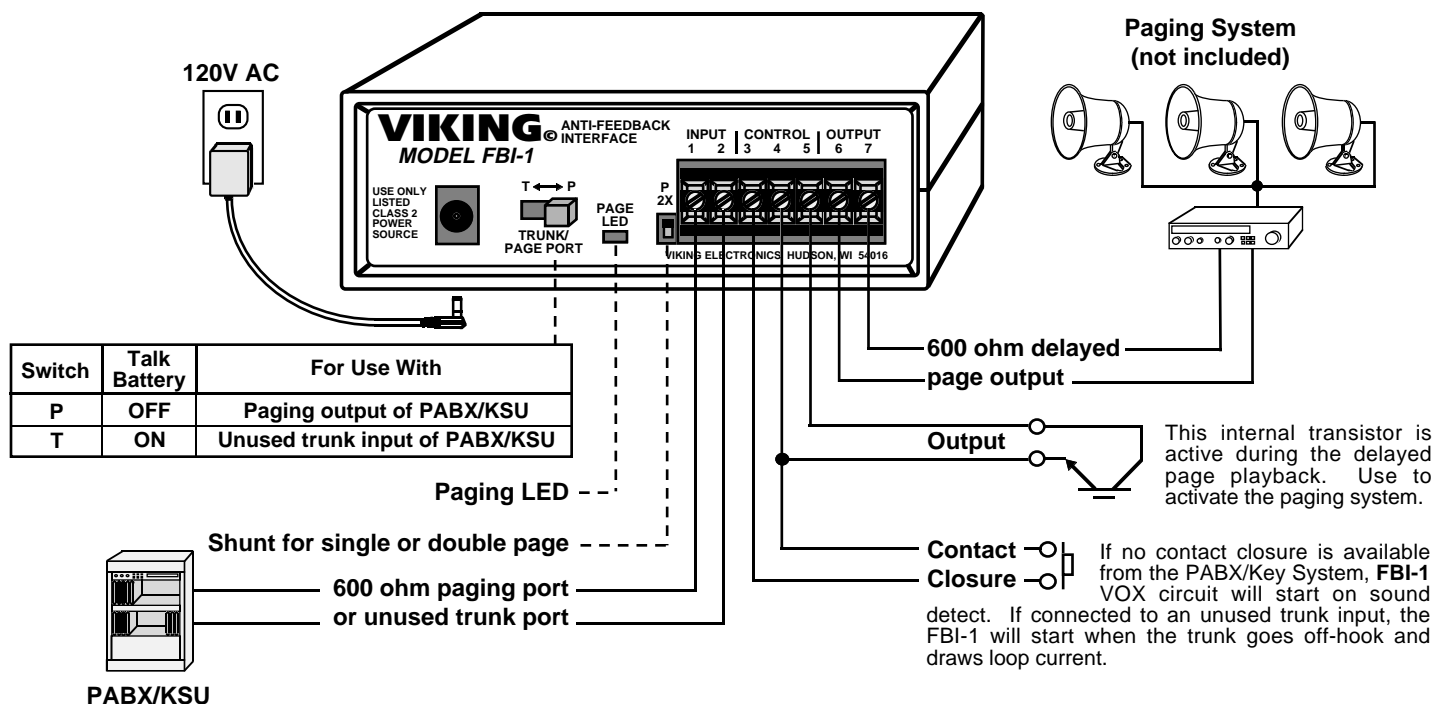
Sales...(715) 386 - 8861

Made in the U.S.A.

Specifications

Power: 120V AC/13.8V AC 1.25A, UL listed adapter provided
Dimensions: 127mm x 127mm x 38mm (5.0" x 5.0" x 1.5")
Shipping Weight: 1.13 kg (2.5 lbs)
Environmental: 0°C to 32°C (32°F to 90°F) with 5% to 95% non-condensing humidity
Sampling Rate: 32K
Maximum Page Length: 16 seconds
Connections: 7 position screw terminal block
Output: 600 ohm
Talk Battery: 12V DC

Installation

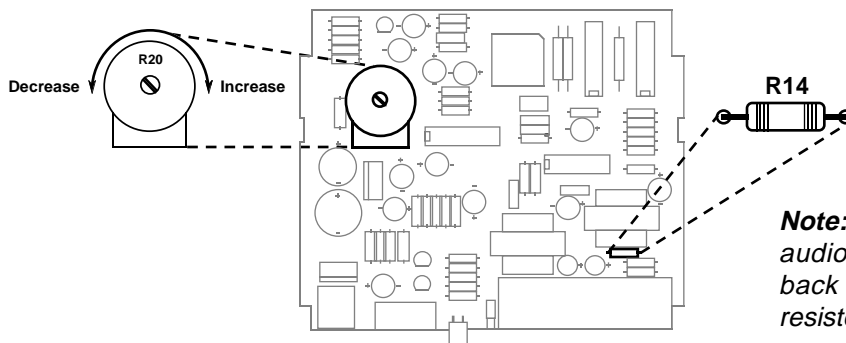


1. Connect the paging output to **INPUT** terminals 1 and 2.
2. If available, connect the contact closure associated with the paging port output, to **CONTROL** terminals 3 and 4.
Note: If no contact closure is provided, the FBI-1's voice activated switch circuit will start the unit on sound detect.
3. Connect **CONTROL** terminals 4 and 5 to the paging amplifier's "closure" input.
Note: This output is polarity sensitive. Measure the voltage coming from the paging amplifier. Connect the "+" to terminal 5 and the "-" to terminal 4.
4. Connect **OUTPUT** terminals 6 and 7, to the 600 ohm paging input of the amplifier.

Programming

The FBI-1 is factory set at unity gain. The gain can be raised or lowered by adjusting R20 as shown. Remove the two screws on the bottom of the unit to open the FBI-1, and adjust the gain as shown below.

Important: Electronic components are sensitive to static electricity. Personnel and the work area should be grounded before handling.



Product Support Line...(715) 386-8666

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