Technical Bulletin
No: 602 – Electronic Telephone Systems

Model: TI-101 **No:** 602

Subject: Electronic Telephone Systems **Date:** 07/15/94

Purpose: How to interface TI-101 with electronic telephone systems

Solution: Install an analog adapter or analog circuit card in the system

Procedure: The design of the TI-101 limits its dependable use to standard central office lines. In a few selected applications the hybrid will interface with electronic phone systems. The system must use an analog path between the electronic key switch unit and the telephones in the system. Connect the TI-101 across the audio pair. The hybrid may load the system reducing audio levels or interrupting proper functioning of the telephone. Installing an analog adapter or analog circuit card in the system might be a solution. It is your only choice if the telephone system digitizes the audio. Using this mode of operation, install the hybrid and a single line telephone on the analog extension. Answer incoming calls on the regular system and transfer them to the analog extension. To assure that you get the right equipment, tell your phone installer that you want a fax machine on that extension. If a fax machine will operate on a line, a telephone hybrid will also. Your phone installer will not understand what you need if you talk to him about a “phone hybrid”. He will understand the requirements for a fax machine.

radio SYSTEMS
601 Heron Drive
Logan Township, NJ 08085
Phone: 856-467-8000 • Fax: 856-467-3044
http://www.radiosystems.com