



Shown: STI-2

## STI Series Standard Radio-Telephone Interconnect

Midian's STI series of phone patches connect between a telephone line and a base station radio or repeater to allow mobile and portable radio users to make and receive telephone calls. The STI can also be used with Midian's TRA for use as a phone-line extender.

- Supports up to 100 users
- Simplex, Half Duplex and Full Duplex operation
- Toll Restrictions, Call Limit Timers and Overrides
- Delinquent Account Disable/Re-enable
- STI-1: 19" rack mountable
- STI-2: Desktop box
- Requires Midian's KL-4 programmer and KL-4 Option A
- STI Option A: Control box for HF SSB



Shown: DTI-1

## DTI Series Deluxe Radio-Telephone Interconnect

In addition to acting as a phone patch or a phone-line extender, Midian's DTI series can act as a repeater maker by connecting it between two mobile radios to form a repeater. The DTI supports CTCSS/DCS validation with DTMF ANI connect and disconnect. A voice scrambler option is available to allow systems with radio encryption to talk over the air in secure mode with the telephone caller.

- Supports up to 350 users
- Simplex, Half Duplex and Full Duplex operation
- ANI validation for repeater access
- DTI-1: 19" rack mountable
- DTI-2: Desktop box
- Requires Midian's KL-4 programmer and KL-4 Option A

## Telephone to Radio Adaptor



### TRA Telephone to Radio Adaptor

**Telephone Line Extender:** Midian's TRA can be used to extend a phone line via two-way radio into remote areas or to vehicles with no landline or cellular coverage. The phone patch (such as Midian's DTI or STI series) connects between a regular landline and a two-way radio or repeater. At the remote site a second two-way radio would be connected to the TRA and a regular telephone, answering machine, fax or low speed modem. The remote site can then make and receive telephone calls.

**Local Remote Controller:** The TRA can be connected between an unused extension on a KSU office phone system and a base station radio. An office worker may then communicate with the field radios simply by picking up any telephone in the building and accessing the dedicated extension. Field units may also ring the extension by DTMF dialing or fast multi-clicking of the PTT or using DTMF to speak with someone in the office. The TRA also supports selective calling of field units and paging.