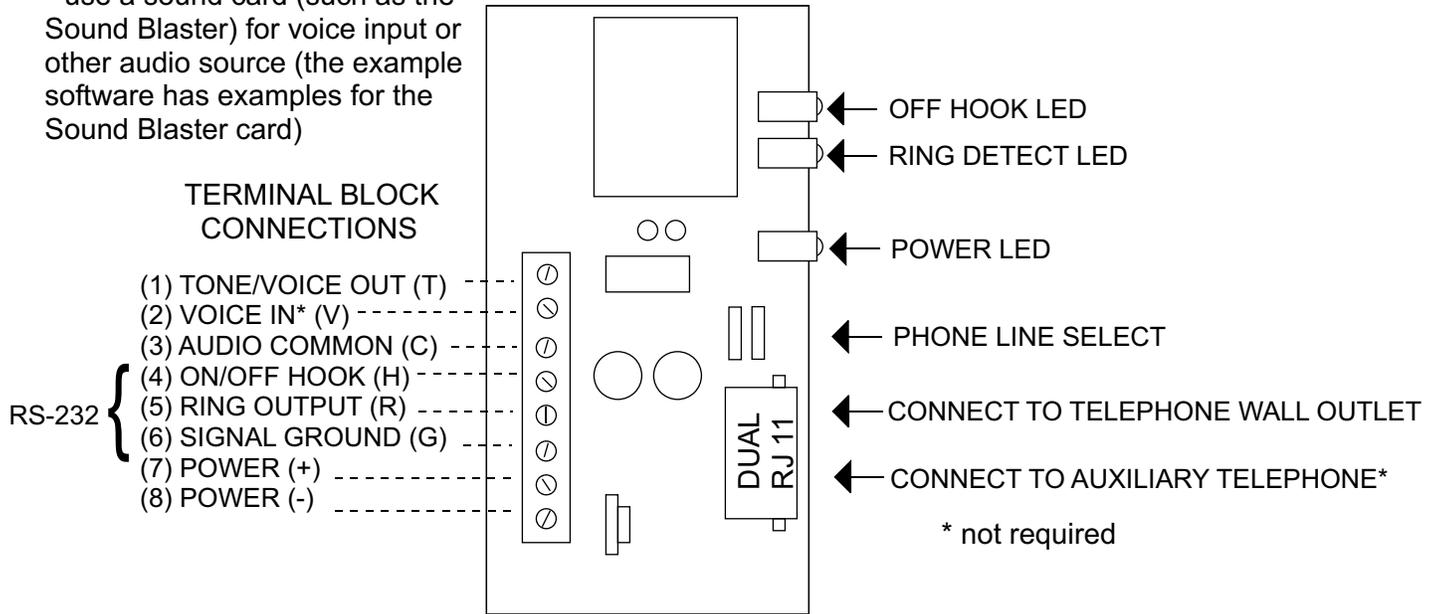


VC-1 VOICE COUPLER

Connect the Tone output to (for use with the STA-16/D Tone Interface)
the STA-16 Tone input

* use a sound card (such as the Sound Blaster) for voice input or other audio source (the example software has examples for the Sound Blaster card)



NOTE: Use caution when connecting power to the VC-1...REVERSED POLARITY MAY CAUSE DAMAGE! The VC-1 may be powered with an unregulated power supply with a voltage output of 9 volts DC not to exceed 14 volts DC. The VC-1 power supply must be completely isolated and must not be connected to any other device or to the STA-16. The recommended power supply for the VC-1 is the PS-GP-1 supply.

RS-232 CONNECTIONS:

TERMINAL

- (4) On/Off Hook (input to the VC-1) ...Connect to RTS (pin 4 on a DB-25 or pin 7 on a DB-9)
- (5) Ring Output (output from the VC-1)...Connect to DCD (pin 8 on a DB-25 or pin 1 on a DB-9)
- (6) RS-232 Signal Ground...Connect to pin 7 on a DB-25 or pin 5 on a DB-9

NOTE: Terminal (4) may also be connected to DSR or CTS
Terminal (5) may also be connected to RTS

The example program (in BASIC) provided on disk uses DTR and DCD

SOFTWARE

The VC-1 voice coupler is taken off hook by setting DTR (bit 0 in the modem control register)
The ring output is received by reading DCD for the COM Port (bit 7 in the modem status register)

EXAMPLES IN BASIC ARE SHOWN ON THE ENCLOSED DISK.

Click to see photo: www.eeci.com/vc-1p.htm