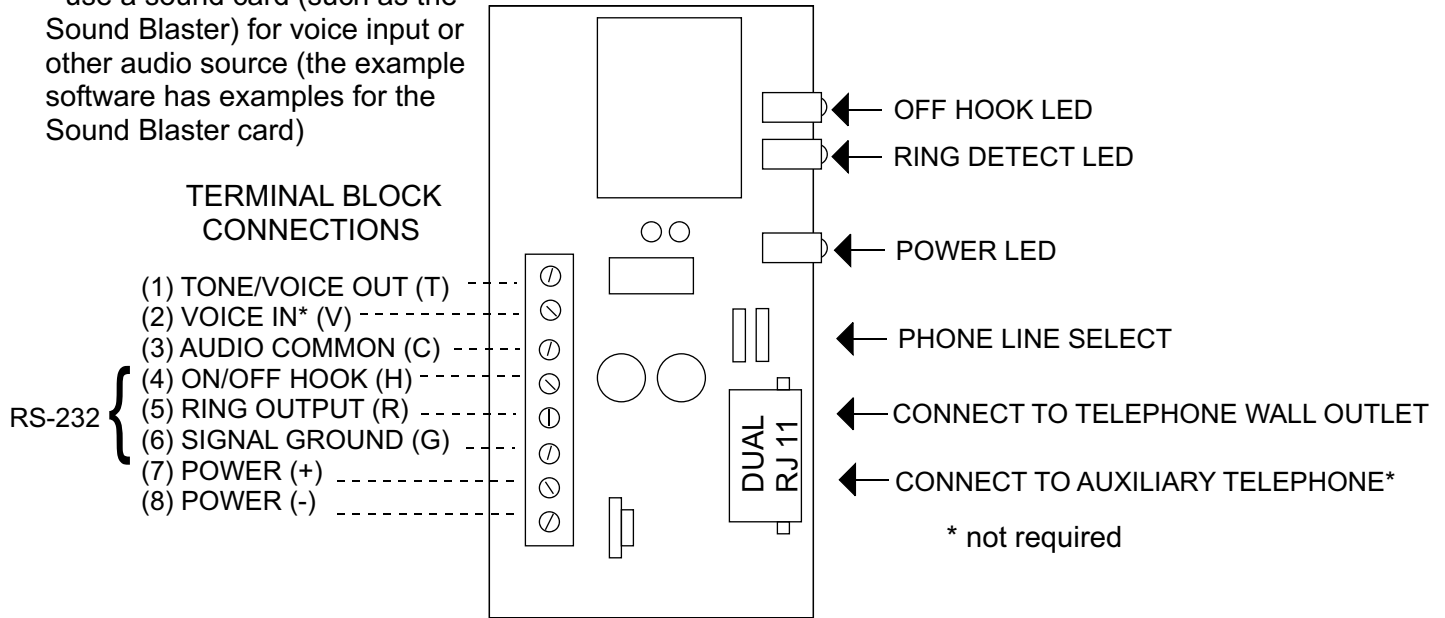


# VC-1 VOICE COUPLER

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.