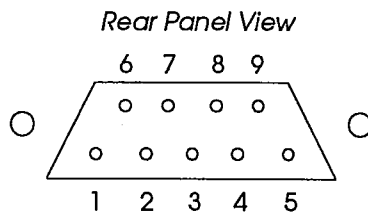


FIGURE 3 INSTALLATION DIAGRAM

The R8 rear panel provides a common DB-9 connector which conforms to the RS-232C serial data communications standard with the R8 configured as DCE. This connector may be attached to a basic dumb ASCII terminal or a personal computer such as an IBM XT/AT running a terminal emulation program such as PROCOMM PLUS™ or BITCOM™. Standard BASIC terminal programs will run equally well.

The interface provides complete control and programming capability of the R8. Only the analog controls such as volume, RF gain, etc. are not controllable.

Please refer to FIGURE 13 for interface connector pin out.



<b>Pin</b>	<b>Signal Description</b>
1	Scan Feedback; +5 Volts = Receiver Unsquelched
2	Rx DATA
3	Tx DATA
4	DTE Ready
5	Ground
6	DCE Ready
7	RTS
8	CTS
9	Ground

**FIGURE 13 RS232C Interface Connections**

PROCOMM PLUS™ is registered to DATASTORM Technologies, Inc.  
BITCOM™ is registered to BIT Software, Inc.

**NOTE:**

The following additional items apply when using the RS232C Interface capability of the R8:

**BITCOM™**

- Use of version 3.58C is recommended.
- Select, under 'COMM OPTIONS':  
Flw Ctl : RTS/CTS

**PROCOMM PLUS™**

- Under hardware flow control (RTS/CTS) set to **ON**  
Use of the particular BITCOM™ version of software mentioned above and setting the aforementioned Flow Control commands avoids having commands ignored by the computer or otherwise having the computer not react properly to commands.