


# Installation

## Grounding

**⚠ WARNING**

**Fire, Explosion, and Electric Shock Hazard**

Ungrounded objects in the dispense area (repeater or wall buster) can result in static sparking, which can cause a fire, explosion, or electric shock. Follow the grounding instructions below.



Plug the PC Receiver into a 110 VAC grounded outlet and into the power outlet of the repeater or wall buster (A). See Fig. 1.

**Note:** if an extension cord is necessary it should be no longer than XX ft. and be a certified grounded cord.

## Installation

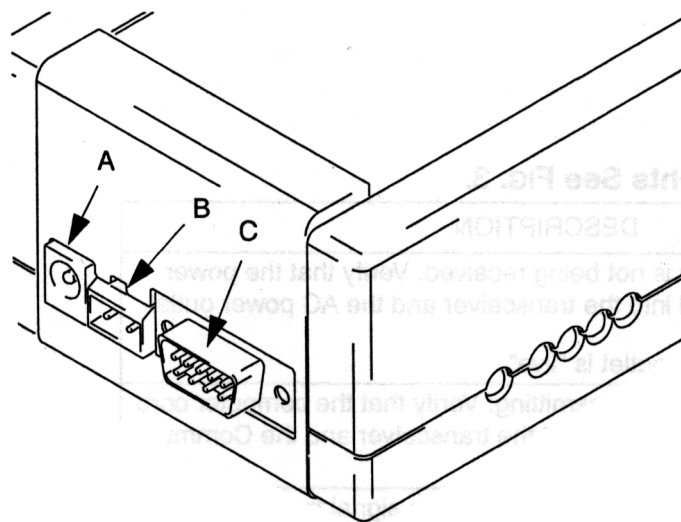


FIG. 1

1. Position the Matrix transceiver within X feet of the computer being used to run the Matrix software.

2. Plug the power cord into the transceiver power inlet (A) and into a grounded 120V AC power source. The green power light (D) will illuminate indicating the transceiver is on. See Fig. 1.

## Connecting the PC to the Transceiver.

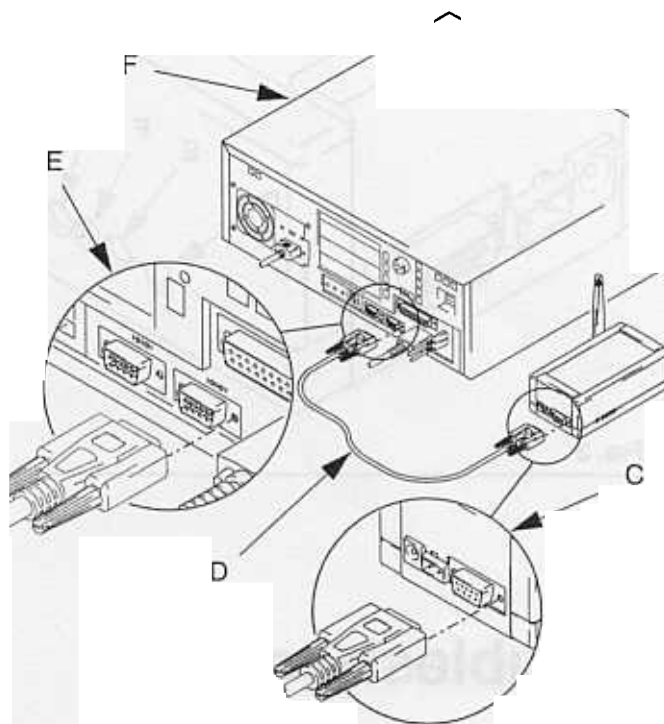


FIG. 2

1. Plug the PC (D) cord into an open communications port (E) of the PC (F) running the Matrix software. See Fig. 2.
2. Insert the transceiver end of the cord (D) from the PC into the PC transceiver plug (C). See Fig. 1 and Fig. 2.

**NOTE:** if necessary the wall buster port (B) of the transceiver can be wired to a corresponding transceiver or repeater.

# Operation

Once the transceiver has been installed and verified from the operating lights that it is functioning correctly, no additional involvement is necessary.

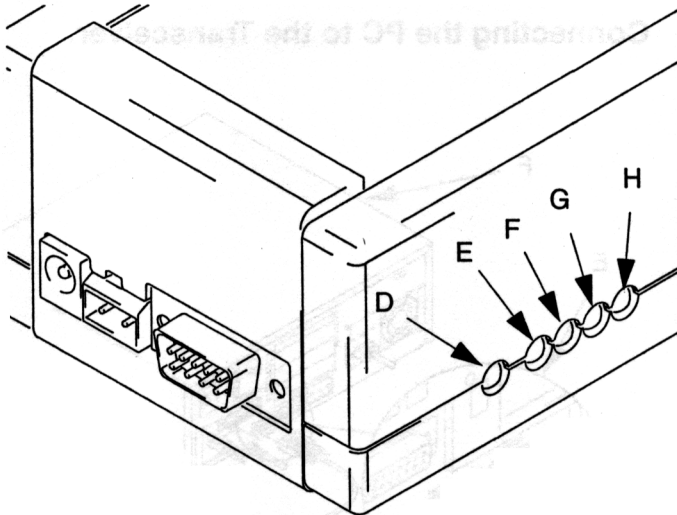


FIG. 3

### Function Indicator Lights See FIG. 3.

Appearance	Description
Green light (D)	When lit indicates the unit is receiving AC power.
White light (E)	Flashing light indicates transmission from the PC.
White light (F)	Flashing light indicates transmission to the PC.
White light (G)	Flashing light indicates transmission from the meter.
White light (H)	Flashing light indicates transmission to the meter.

# Troubleshooting

### Function Indicator Lights See FIG. 3.

APPEARANCE	DESCRIPTION
No power light (D)	Indicates that AC power is not being received. Verify that the power cord is securely plugged into the transceiver and the AC power outlet.  Verify that the AC power outlet is "live".
No light (E) when operating	Indicates that the PC is not transmitting. Verify that the computer cord is securely plugged into the back of the transceiver and the Communications port of the PC.
No light (F) when operating	Indicates that the transceiver is not receiving a signal from a repeater or wall buster unit. Verify that the transmitting unit has power and the flashing light indicates that the unit is transmitting to the PC transceiver.
No light (G) when operating	Indicates no transmission is being received from the RM5 Meter. Verify that the meter has power and is functioning correctly.
No light (H) when operating	Indicates that the PC is not transmitting to the RM5 meter. Verify that the computer cord is securely plugged into the back of the transceiver and the Communications port of the PC.