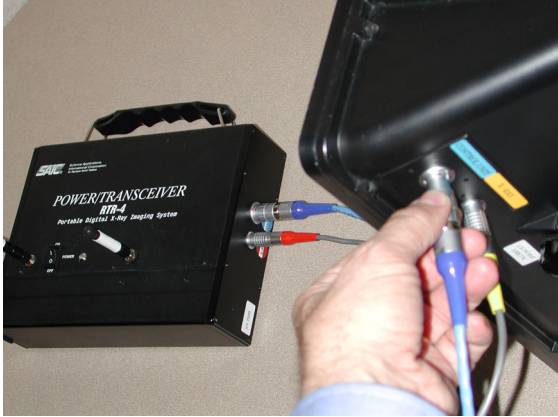


STEP	ACTION
3	Insert one end of the Power/Transceiver's "Imager" coaxial cable into the blue labeled "Imager" jack on the right-hand end of the Power/Transceiver and the other to the appropriate jack on the Imager. 
4	Power up the Power/Transceiver by pressing its On/Off rocker switch to the On position as shown below. The red "POWER" LED to the right of the switch should illuminate. 
	NOTE If the "POWER" LED fails to illuminate, replace the Power/Transceiver battery in accordance with the procedure in Chapter 6. If it still fails to illuminate, replace the Power/Transceiver.

X-ray Receiver Setup

Connecting the X-ray Receiver

X-ray Receiver Connection Description

The X-ray Receiver must be Velcro-mounted on the XR200 X-Ray source and its cable connected to the source in order for the XR200 to transceive commands to and from the Power/Transceiver.

Prerequisites

The **Connecting the Power/Transceiver** procedure must have been completed.

Connecting the X-ray Receiver

The X-ray Receiver is connected to the XR200 as follows

STEP	ACTION
1	Remove the X-ray Receiver from the packing case. Screw in its supplied antenna and attach single X-ray Receiver cable into the X-ray Receiver's socket near the antenna as shown below 
2	Attach the X-ray Receiver to the XR200 via its rear-mounted Velcro strip.

STEP	ACTION
3	Insert the other end of the X-ray Receiver's cable to the appropriate socket in the XR200 as shown below:  A close-up photograph showing a person's hand in a blue sleeve inserting a cable into a port on the side of a black XR200 unit. The cable is connected to a small black rectangular device labeled 'SAIC RTR-4 Wireless X-Ray Receiver'.
4	Power up the X-ray Receiver by sliding its On/Off switch to the On position as shown below. The green LED next to the switch should illuminate.  A close-up photograph of the 'SAIC RTR-4 Wireless X-Ray Receiver' device. A hand is shown sliding a switch labeled 'POWER OFF ON' to the 'ON' position. A small green LED light is visible next to the switch.
	NOTE If the green LED fails to illuminate, replace the X-ray Receiver battery in accordance with the procedure in Chapter 6.

WiFi NIC Setup

WiFi NIC Setup Description

The Orinoco WiFi NIC must be properly installed and configured in the CU-4/NCU in order for the Wireless Option to function properly. Both CU-4 and NCU procedures are shown as required.

Prerequisites

The **Power/Transceiver Setup** and **X-ray Receiver Setup** procedures must have been completed.

WiFi NIC Setup Procedure

The WiFi NIC is installed and configured as follows:

STEP	ACTION
1	Carefully insert and seat the WiFi NIC into the respective CU-4 PCMCIA slot located on the left side of the computer as shown below.  Carefully insert and seat the WiFi NIC into the respective NCU PCMCIA slot located on the left side of the computer as shown below. 

Optional Extended-Range Antenna Installation

Optional Extended-Range Antenna Installation

The Extended-Range Antenna is not required for wireless operation, but when used, increases the system's signal strength and effective operating range. Both CU-4 and NCU antenna installation procedures are shown.

Prerequisites

The **WiFi NIC Setup** procedure must have been completed.

Extended-Range Antenna Installation Procedure

The Extended-Range Antenna is installed and configured as follows:

STEP	ACTION
1	Remove the small black antenna cable slot cover on the left side of the NIC. Stow the cover in a safe place. Carefully insert and tighten the antenna cable's L-shaped brass connector onto the antenna extension cable. Then carefully insert and seat the flat connector on other end of the cable into the WiFi NIC card slot in the CU-4 or NCU respectively as shown in the figures below. 