

2.2.6. HPA (High Power Amplifier)

The High Power Amplifiers (HPAs) amplifies the transmitted signal from a base station at the final stage of the repeater and vice versa.



Figure 10. HPA(High Power Amplifier)

3. Hardware Installation

The installation procedure is as follows:

- Check List of Items
- Mounting
- Grounding
- RF Connection
- Power up

3.1 Check List of Items

Index	Items	Q'ty
1	iDEN MINI	1
2	Power Cord	1
3	Screws for Mounting	4

Items



Figure 11. Items

3.2 Mounting

iDEN MINI is easy to mount using the assembled mounting bracket, which has $\text{Ø}9$ holes for the provided 5/16" fixing screws.



Figure 12. Mounting

⚠ CAUTION

Firmly affix the equipment on the wall of a building and Check necessary.

3.3 Grounding

⚠ WARNING

Dangerously high voltages may occur and damage the equipment if the equipment is not grounded properly.

A rod on the left side is intended for a building ground. Connect the ground cable to the rod.



Figure 13. Grounding

3.4 RF Cable Connection

- a. Connect a cable from a donor antenna to the **DONOR ANTENNA Port**.
- b. Connect a cable from the **SERVICE ANTENNA Port** to a repeater's service antenna.

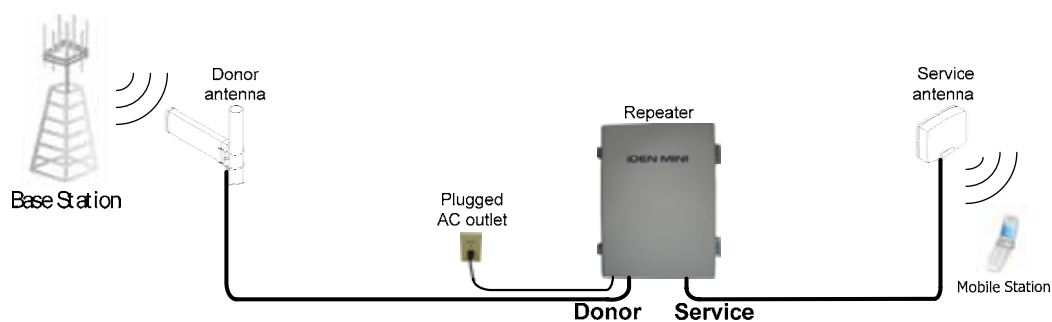


Figure 14. Configuration: RF Cable Connection

3.5 Power Up

- a. Connect the power cord.
- b. Plug the power cord into a wall outlet.
- c. Switch on.
- d. Check if the green LED at the bottom turns on.



Figure 15. Power Cord Connection

4. Command and Control through the Hyper Terminal

4.1 Setting for Command and Control through the Hyper Terminal

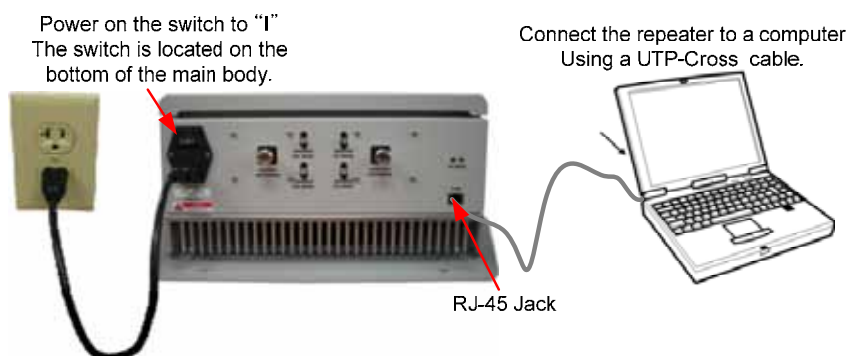
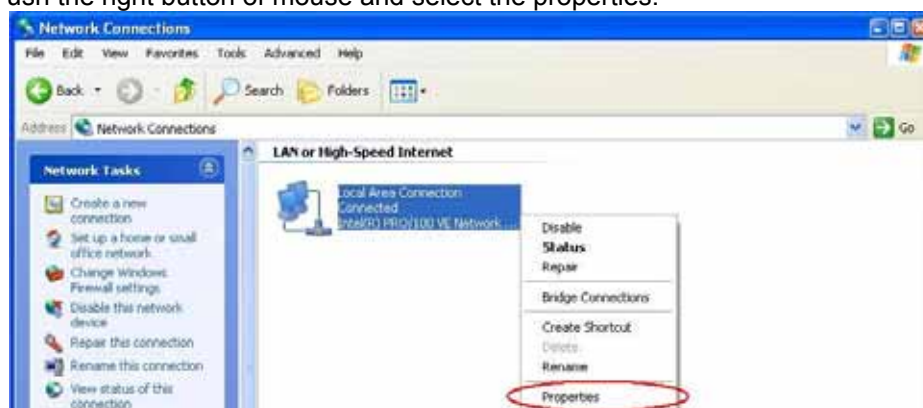


Figure 16. Local connection to the iDEN MINI

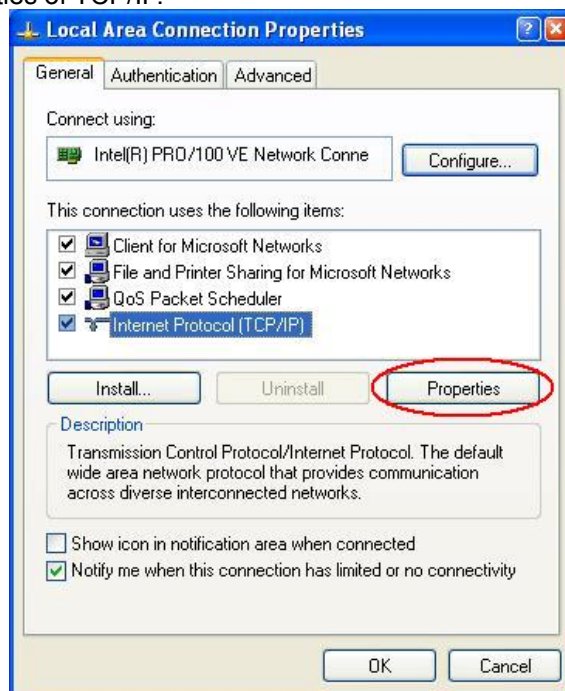
Step 1 Open My Network Places.



Step 2 Push the right button of mouse and select the properties.



Step 3 Click the properties of TCP/IP.



Step 4 Set the values and OK as the following. Close all windows.

