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 \emptyset 9 holes for the provided 5/16" fixing screws.



Figure 12. Mounting

A 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.



General	Authentication Adva	anced	
Connec	t using:		
E C	ntel(R) PRO/100 VE No	etwork Conne	Configure.
This co	nnection uses the follow	wing items:	
V	Client for Microsoft Ne	etworks	
	File and Printer Sharin	ng for Microsoft N	etworks
Image: Contract of the second seco	QoS Packet Schedul	er	
2 3	Internet Protocol (TCF	P/IP)	
1			-
	nstall	Ininstall	Properties
Desc	iption		
Tran	smission Control Protoc	ol/Internet Protoc	ol. The defaul
wide	area network protocol	that provides com ed networks	nmunication
acio		eu netwolks.	
Shc	w icon in notification ar	ea when connect	ed
		tion has limited a	no connectiv
Not	ry me when this connec	cuori nas inniceu o	no connectiv

Step 3 Click the properties of TCP/IP.

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

is capability. Otherwise, you nee e appropriate IP settings.	d to ask your network administrator fo	
🔿 Obtain an IP address automa	atically	
Use the following IP address		
IP address:	192.168.0.2	
Subnet mask:	255 . 255 . 255 . 0	
Default gateway:	192.168.0.1	
 Obtain DNS server address a Use the following DNS server Preferred DNS server: 	automatically er addresses:	