

Analog DEFINITY Extender Quick Installation Guide

Verify Site Requirements



Installation cannot proceed until these requirements are met.

Verify Installation Materials

This procedure assumes you will set up both the Switch and Remote modules. If you are configuring only the Remote module, complete sections 1 and 2 as applicable, then 5 using the remote telephone number and then section 6.

1	a	<p>The customer must furnish the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> All Switch translations complete for the station(s) being connected. <input type="checkbox"/> An analog telephone line _____ for the office module at the switch location. <input type="checkbox"/> An analog telephone line _____ for the remote module at the remote site. <input type="checkbox"/> A second analog line at the switch site _____ for test purposes during install. <input type="checkbox"/> A two-wire port available (TN-2181 or TN-2224) for connection of the Office module. <input type="checkbox"/> AC power outlet for the Office module (UPS backup recommended) <input type="checkbox"/> DEFINITY digital display telephone (supported sets are: 6408, 6416, 6424, 8410, 8434, Callmaster III, IV, V, VI). <input type="checkbox"/> Password for 1st Remote user [add 8 digits to] 01 _____ <input type="checkbox"/> Password for 2nd Remote user [add 8 digits to] 02 _____ (You can administer up to 99 users per Office module) 								
	b	<p>Inspect the installation package(s) for missing or damaged material:</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Office module</td> <td><input type="checkbox"/> Remote module</td> </tr> <tr> <td><input type="checkbox"/> AC adapter</td> <td><input type="checkbox"/> AC adapter</td> </tr> <tr> <td><input type="checkbox"/> D8W cord</td> <td><input type="checkbox"/> phone cord with RJ11 connector</td> </tr> <tr> <td><input type="checkbox"/> phone cord with a RJ11 connector</td> <td></td> </tr> </table>	<input type="checkbox"/> Office module	<input type="checkbox"/> Remote module	<input type="checkbox"/> AC adapter	<input type="checkbox"/> AC adapter	<input type="checkbox"/> D8W cord	<input type="checkbox"/> phone cord with RJ11 connector	<input type="checkbox"/> phone cord with a RJ11 connector	
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c	<p>To configure the unit on site, you will also need:</p> <ul style="list-style-type: none"> <input type="checkbox"/> PC/Notebook with a communications package such as HyperTerminal <input type="checkbox"/> Straight cable-9-pin male connector on one end and a female on the other 									

Hardware Setup



Installation does NOT include connections to data equipment. This is a customer responsibility.

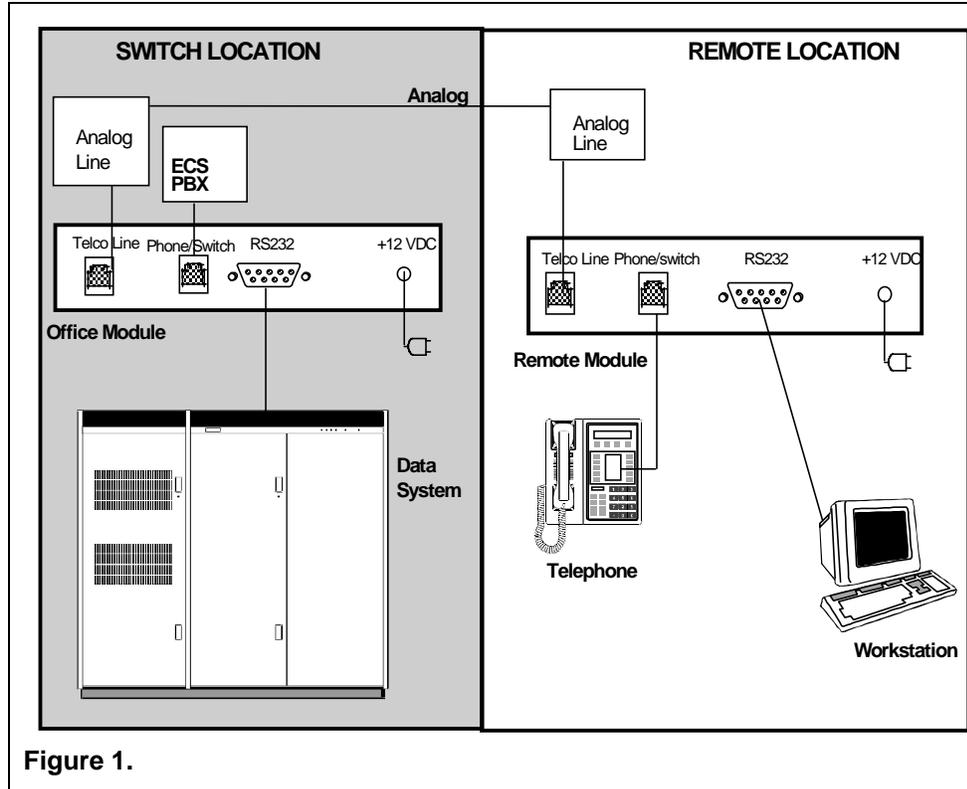


Figure 1.

Connect the modules

2	Refer to Figure 1, shown above, as you make the following connections:
a	Using the D8W cord connect the Office module PHONE/SWITCH jack to the 2-wire circuit pack in the DEFINITY ECS Switch.
b	Connect the RJ11 connector to an analog phone line and the other end to the TELCO jack on the Office module.
c	Plug the barrel connector of the AC adapter into the +12 VDC port on the Office module. (DO NOT power up the unit at this time).
d	Connect the RJ11 connector to an Analog phone line and the other end to the TELCO jack on the Remote module.
e	Connect one end of the D8W cord supplied with the digital display telephone to the telephone and the other end to the PHONE/SWITCH jack on the Remote module.
f	Plug the barrel connector of the AC adapter into the +12VDC port on the Remote module. (DO NOT power up the unit at this time.)
g	Attach one end of the RS-232 straight cable to your PC's COM port and the other end to the RS232 port on the Office module.

Set Up PC Connection for administration

Power Up	3	<p>You will need to use a communications package — for example, HyperTerminal — to configure and test the Analog DEFINITY Extender.</p> <p>The steps below describe a first time setup for HyperTerminal.</p>
	a	Access: Start button > Programs > Accessories > HyperTerminal folder > HyperTerminal icon.
	b	Type 1100 for the new modem connection and click OK .
	c	At the Phone Number dialog, select Connect using = Direct to COM1 (ignore other settings) and click OK .
	d	At the COM1 Properties dialog, set the parameters to 9600, 8, none, 1 and hardware flow control and click OK .
	e	When the HyperTerminal window appears, it will be blank — that is, there is no logon prompt.
	f	Click on File , then Properties . Select Settings tab and go to Emulation window. Select VT100 and then click OK .
	g	Plug the Office module power cord into the wall outlet. Watch the LED light on the top of the Office module. When you see 3 sets of 8 yellow flashes type MENU .

Administer the Office module

Power Up	4	<p>The Office module will be administered using your PC. You will need to refer to the information obtained in section 1.</p>
	a	Select "Configure System" from the Main Menu. Select "Password" from the "Configure System Menu" and press Enter .
	b	Enter the Administrator Password (the default is 00000000) and press Enter
	c	Highlight "Change Password" and press Enter .
	d	Type new password as shown on page 1 and press Enter .
	e	If there are additional remote users for this switch module, repeat steps C and D to create a password for each remote user.
	f	Highlight "Exit" and press Enter to exit from the password sub-menu. Highlight "Exit" again and press Enter to exit from the Main Menu.

Administer the Remote Module for testing at the Switch site.

5	You will administer the Remote module using the display on the telephone.	
	a	Plug the Remote module power cord into the wall outlet. (You will need a second electrical outlet for this purpose.)
	b	<p>The following display appears on the telephone:</p> <p style="text-align: center;">2: OK 3: Next</p> <p style="text-align: center;">Go Online?</p> <p>Press 3 on the touch-tone pad for Next. Then select Set Dial Numbers by entering 2.</p>
	c	Press 2 to select Set Office Phone Number . Enter the phone number of the Office Module telephone line. Press DROP or REDIAL to accept the number.
	d	Press 3 to select Set Remote Phone Number . Press 2 and enter the phone number of the switch site test line. Press DROP or REDIAL to accept the number. Press 1 until you are at the Go Online? menu.

Acceptance Testing

6	To test connectivity, press 2 from the Go Online? Menu.	
	a	<p>At this point, the Remote Module dials the Office module.</p> <p style="text-align: center;">The Enter Password screen appears.</p> <p>Enter the password. Press the DROP or REDIAL button on the telephone connected to the Remote Module.</p>
	b	If a valid password has been entered, the Remote Module completes the connect sequence and the telephone is operational.
	c	<p>If you are unable to connect, do the following:</p> <ul style="list-style-type: none"> ◆ verify the password you entered ◆ verify all connectivity ◆ verify all programming-both the Office and Remote modules ◆ call Lucent Technologies or your local authorized dealer for assistance

Reprogram the remote module for use at the remote site

7	a	From the GO ONLINE? Press 3 . Press 2 to select Set Dial Numbers? Press 3 for Next .
	b	Press 2 to select Set Remote Phone Number? Press 2 and enter the phone number of the remote site telephone line. Press DROP or REDIAL to accept the number.
	c	Press 1 until Go Online? appears.

Wrap Up Site Visit

8	a	Exit HyperTerminal by closing its window and confirming (Yes) that you want to disconnect now. Select Yes when prompted to save the session — this will result in a new icon "1100" on the HyperTerminal folder (you can use it for future connections to analog Definity Extenders).
	b	Disconnect your PC from the Office module.
	c	Repackage the Remote module. The customer will be responsible for delivery to the Remote site.



Make certain to leave these instructions with the customer contact at the Switch site.