

Diva ISDN Modem Configuration Instructions for TracPhone® F55/F77

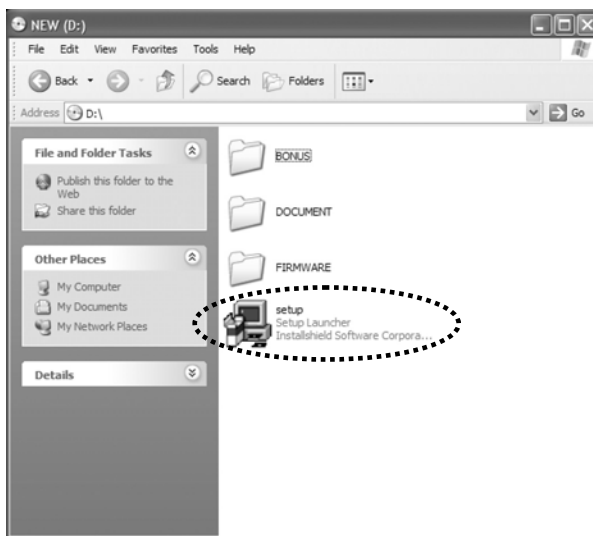
The following instructions explain how to configure the Diva ISDN modem (KVH part number 19-0358) for TracPhone F55/F77 operation. These instructions apply to a computer running Windows® 2000 or XP.



The Diva ISDN modem is not manufactured by KVH and is not covered under KVH's warranty.

1 Installing the Diva Assistant

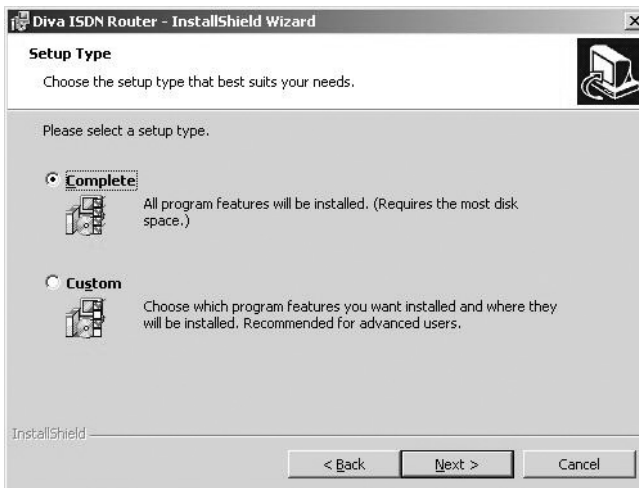
1. Insert the Diva CD into your computer.
2. Open the CD and double-click the **Setup** file.



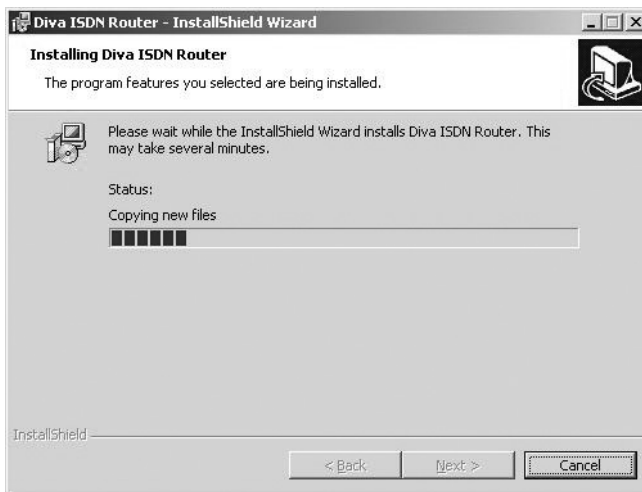
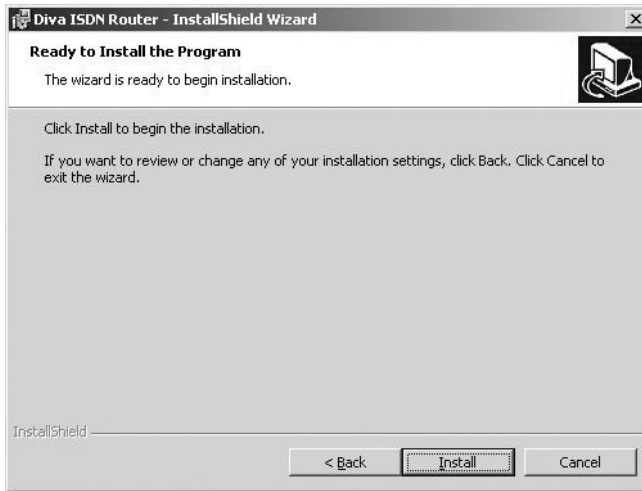
3. Welcome to the InstallShield Wizard for Diva ISDN Router:
Click the **Next** button.



4. Setup Type: Select "Complete" then click the **Next** button.

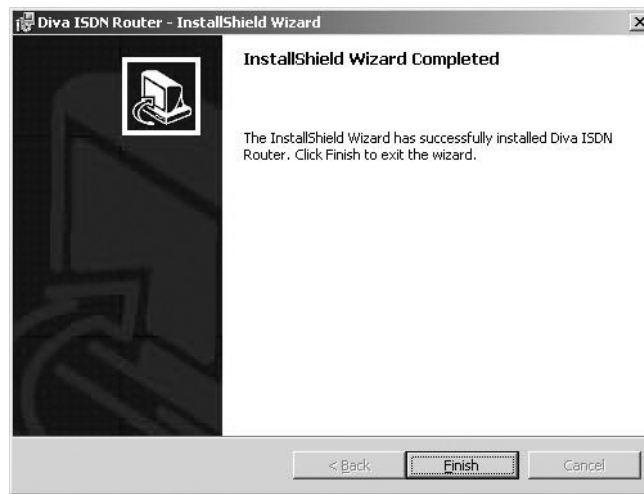


5. Ready to Install the Program: Click the **Install** button. The wizard installs the Diva routing software on your computer.





6. InstallShield Wizard Completed: Click the **Finish** button. A **Diva Assistant** icon appears on your desktop.

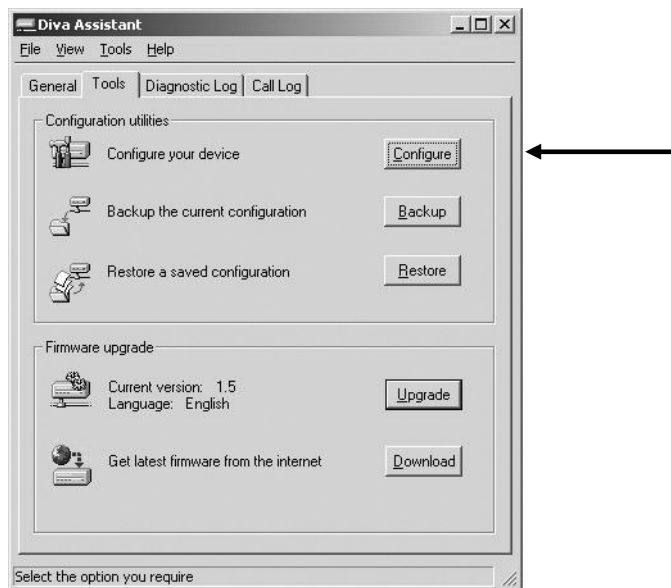


2 Configuring the Modem



Be sure to complete this **entire** procedure. If you do not complete all of these steps, the modem will be configured for auto-dial mode, which allows the PC to dial out on its own. This can result in an inadvertent airtime charge, possibly amounting to **thousands of dollars**, even if no one uses the system. KVH is not liable for any airtime charges resulting from auto-dialed calls.

1. Open the Diva Assistant (*if not open already*) and select the **Tools** tab.



2. At the Tools tab, click the **Configure** button.
3. Welcome to the DIVA LAN ISDN Modem: Enter a password, if desired, then click the **Log in** button. Entering a password is NOT required; you can simply click the **Log in** button without entering a password.



If you choose to enter a password, be sure to store it in a safe location.



4. Identify your location: Select "International" then click the OK button.



Identify your location Country

Choose the country or region you are located in and click OK. If your country or region is not in the list, choose *International*.

Spain
Sweden
Switzerland
U.A.E.
United Kingdom
International

OK

5. Configuration main menu: Click the **Internet wizard** link.



DIVA LAN ISDN Modem Configuration main menu **DIVA ISDN**

Quick start

[Internet wizard](#) - Quickly create a connection to the Internet.
[Phone line wizard](#) - Quickly set up your phone lines.

Administration *These options are only fully enable once you complete the Internet wizard*

Connection profiles
Configure your connection profile settings.

Manual configuration
Manual access to all configuration settings.

Statistics
See current statistics for all protocols.

View system status and log
Information on the status, past and present, of your device.

Maintenance
Update and backup your configuration or firmware.

Information
Contact us, technical support, etc...

Reset Log out

EICON TECHNOLOGY

6. Internet Network Setup: Enter the following:

- (optional) Profile name: Enter a unique name for your modem connection (for example, "ISDN")
- Primary telephone number: Enter 28
- Backup telephone number: Enter 28
- User name: Enter the user name provided by your ISP
- Password: Enter the password provided by your ISP



If you are using a Windows XP computer, the User name and Password boxes cannot be left blank. You must enter something in these boxes, even if they are not required by your Inmarsat LES.

7. Internet Network Setup: Click the **Next** button.

8. **Cost Control Setup:** This window allows you to set up the modem to prevent unauthorized calls. Enter your vessel's particular requirements then click the **Next** button.

The screenshot shows the 'Internet Connection Wizard' window with the 'Cost Control Setup' tab selected. On the left, a navigation pane lists four steps: 1. Network Setup, 2. Cost Control (highlighted), 3. Review & Save, and 4. Test & Connect. The main area contains a warning message: 'WARNING: We have designed this additional feature and settings in an effort to protect you against accidental usage of your ISDN line by the applications that you are using. The settings given here should be OK in most cases and with most of the applications. However, the ultimate responsibility to limit your ISDN usage charges lies with you. You must change and/or adjust these settings in accordance with the calling-out features of your applications.' Below the warning are two explanatory paragraphs: 'The "Maximum Number of Calls" setting restricts the number of outgoing calls that your application makes through your DIVA during the "Threshold Monitoring Interval" that is set.' and 'The "Maximum Duration of Calls" setting restricts the total time-length of all outgoing calls during the "Threshold Monitoring Interval". This prevents an application from keeping your link open for an extended period of time.'

On the right side of the window, there are three settings: 'Enable data call threshold monitoring?' with a checked checkbox, 'Threshold monitoring interval:' with a spinner box set to '1' and the unit 'Days', 'Maximum number of calls:' with a spinner box set to '10', and 'Maximum duration of calls:' with a spinner box set to '.2' and the unit 'Hours'. At the bottom of the window are four buttons: 'Reset form', 'Cancel', 'Back', and 'Next'.

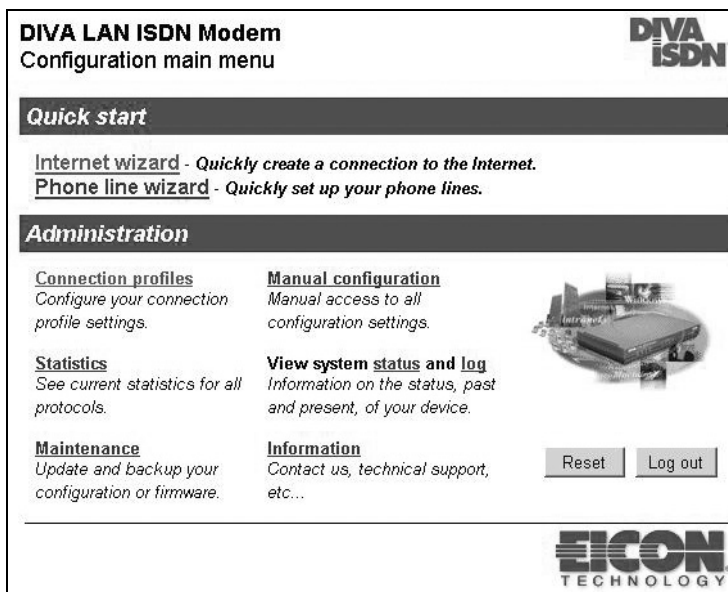
9. **Review & Save:** Confirm the displayed information then click the **Save + Test** button.

The screenshot shows the 'Internet Connection Wizard' window with the 'Review & Save' tab selected. The left navigation pane shows steps 1 through 4, with '3. Review & Save' highlighted. The main area displays a summary of the configuration: 'Setup is ready to create a connection with the following characteristics.' The summary includes: 'Primary telephone number: 28', 'Backup telephone number: 28', 'Username: demounit', 'Password: ****', 'Primary DNS address: 0.0.0.0', and 'Secondary DNS address: 0.0.0.0'. Below the summary is a bulleted list of instructions: '• Now is a good time to test your configuration by connecting. Click on "Save + Test" to connect.', '• If you do not want to test at this point and your configuration is correct, click "Save"', and '• Otherwise, click "Back" and correct parameters that are in error.' At the bottom of the window are three buttons: 'Back', 'Save', and 'Save + Test'.

10. Once the test is completed, click the **Done** button.



11. At the Configuration main menu, click the **Connection profiles** link.



12. Connection profiles: Click the **Hang up** button.

Main Menu Manual Config Profiles Maintenance Statistics				
Connection profiles				
Select a connection profile to edit.				
	Profile	State		
1	ISDN	Enabled	<input type="button" value="Edit"/>	<input type="button" value="Hang-up"/>
2	CORPORATE	Enabled	<input type="button" value="Edit"/>	<input type="button" value="Dial"/>
Configuration changes you Save when editing a profile are only activated after you click Reset.				<input type="button" value="Reset"/>



13. Hangup Connection: Click the **Back** button.

Hangup connection
<p>Hanging up your connection now... Done.</p> <p>You have been connected 0 days, 0 hours, 1 minutes and 38 seconds using this profile.</p>
<input type="button" value="Back"/>



Be sure to complete steps 14 through 18. Failure to do so allows the PC to dial out on its own, potentially resulting in a very expensive airtime charge. KVH is not liable for any airtime charges resulting from auto-dialed calls.

Steps 14 through 18 explain how to set up the modem for manual calls only. This procedure is **very important!** Unless you complete these steps, the modem will be configured for auto-dial mode, which allows the PC to dial out on its own. This can result in an inadvertent airtime charge, possibly amounting to *thousands of dollars*, even if the crew hasn't used the system.

14. Connection profiles: Click the **Edit** button for the connection you just set up (for example, "ISP," or "ISDN" if you renamed it in Step 6).

Main Menu Manual Config Profiles Maintenance Statistics				
Connection profiles				
Select a connection profile to edit.				
	Profile	State		
1	ISDN	Enabled	<input type="button" value="Edit"/>	<input type="button" value="Dial"/>
2	CORPORATE	Enabled	<input type="button" value="Edit"/>	<input type="button" value="Dial"/>
Configuration changes you Save when editing a profile are only activated after you click Reset.				<input type="button" value="Reset"/>



15. Profile: Click the **Connection** link.

The screenshot shows the 'Connection profiles' window with the 'Profile' tab selected. The 'Connection' link in the breadcrumb navigation is highlighted with an arrow. The form contains the following fields:

- Profile name: ISDN
- Enable profile?:
- Protocol: PPP (only 1 channel)
- Backup profile: None
- Profile restore delay: 0 seconds

16. Connection parameters: Select the following:

- Select the “Manual dialing only?” checkbox; be sure a checkmark appears in the box
- Max retries: Enter 0

The screenshot shows the 'Connection profiles' window with the 'Connection parameters' tab selected. The 'Manual dialing only?' checkbox is checked and 'Max retries' is set to 0. Arrows point to these specific fields. The form contains the following fields:

- Telephone number 1: 28
- Telephone number 2: 28
- Backup telephone number 1: 28
- Backup telephone number 2: 28
- ISDN call type: Normal
- Remote X.25 address: (empty)
- Compression?:
- Manual dialing only?:
- Idle timer: 900 seconds
- Max retries: 0
- Retry delay: 30 seconds

17. Connection parameters: Click the **FINISH** link.

18. Finish: Click the **Save** button.

Connection profiles ?

Finish

Profile | Connection | IP | RIP | Authentication | Callback | FINISH

When you are done entering all your parameters, click on "Save".

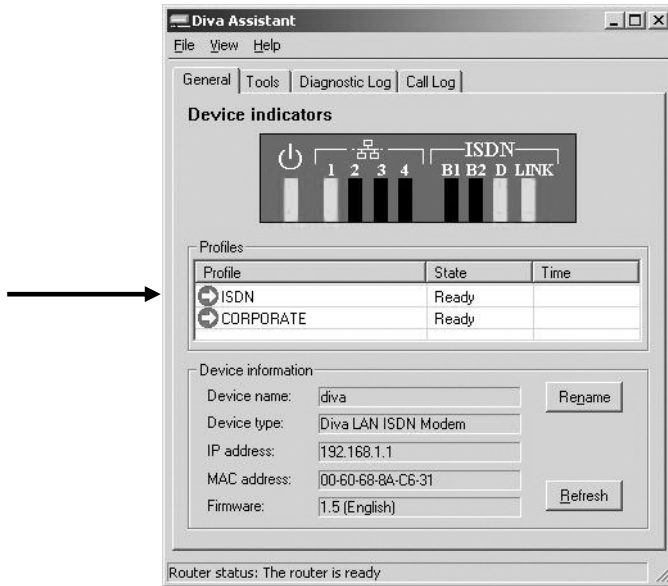
Cancel Reset form Save

Profile | Connection | IP | RIP | Authentication | Callback | FINISH

19. Remove power from the ISDN modem, wait 20 seconds, then reconnect power. This power reset enables the important "Manual Dialing Only" parameter.

3 Placing an ISDN Data Call

1. Open the Diva Assistant (if not open already) and select the **General** tab.



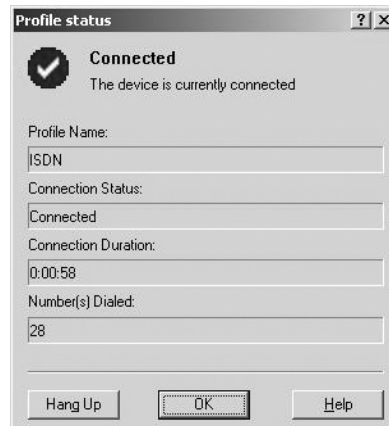
2. Device indicators: Double-click on the connection profile that you set up in Section 2 (for example, “ISP”, or “ISDN” if you renamed the connection).
3. Profile status: Click the **Dial** button.



4. The modem dials out using your ISDN connection.



5. When you are done, click the **Hang Up** button.



6. Once the modem has disconnected, click the **OK** button.



7. Close the Diva Assistant.