

# Dial-in Access

## Overview

The Level One ISDN Router's dial-in feature allows remote users to:

- Use an ISDN TA to connect to the Level One ISDN Router, using the same PPP communication software (e.g. *Dial-up Networking*) that they use for dial-in Internet access.
- Have their user name and password verified by the Level One ISDN Router.  
(**Note:** If dial-in PPP link security is set to "None", no verification is performed.)
- Access the LAN resources as if they were a local user. To other users on the LAN, the remote users appears to be a local PC, using the IP Address allocated by the Level One ISDN Router.

For additional security, the dial-back function can be used. In this situation, the Level One ISDN Router will hang-up the user's incoming connection, and then call them back.

### To use the Dial-in Feature:

1. Dial-in must be **Enabled** on the Dial-in Tab.
2. User access data is required. The options are as follows:
  - **Allow access by anyone and everyone** (not recommended) - If *Authentication* on the Dial-in screen is set to *None*, then the user name and password is not checked, so anyone who dials in can gain access.
  - **All users use the same log-in** - Create a single user (on the *Dial-in* screen) with dial-in access, and all users use this log-in.
  - **Enter data for each user** - Each person requiring dial-in access has their data entered on the *Users* screen.
3. The remote user can use the same dial-up software they use for Internet access. Once connected, the remote user can access LAN resources as they normally would. They will appear to other LAN devices as a normal PC on the LAN, using the IP Address allocated by the Level One ISDN Router.

# Dial-in Screen

SC000099

Access Control

Internet Application

LAN-to-LAN

ISDN

Quick Setup

Status

Password

LAN

Dial-in

Dial-in Access

☒ Enable Dial-in Access

Idle Time-out  minutes (0 = Unlimited)

Authentication ☐ Disable ☒ Enable

User List

Dial-In	Name	Callback	Time Limit
Enable	guest	No	Unlimit

Add

User

User Setting

Name

Password

☒ Enable Dial-in

Connect Time Limit  min ( 0: Unlimited )

Call Back ☒ Disable ☐ Roaming ☐ Fixed - Tel No.

OK

Cancel

## Dial-in Access

Data - Dial-in Access	
Enable Dial-in Access	If checked, dial-in will be allowed. Otherwise, any attempt to dial-in will be blocked.
Idle Time-out	If a dial-in connection remains inactive, it is terminated after this time period. Allowable range is 0-99 minutes; 0 means no limit.
Authentication	Select the desired security option for log-in:  <b>Disable</b> means no user name/password check is performed. Anyone can connect. It is not necessary to enter each user's details if this option is chosen. <b>Warning!</b> This is a major security risk. <b>Enable</b> uses the industry-standard PAP system.

## User List

Entering of user data is required only to provide secure dial-in access.

- All users who have been created will be listed here.
- The *Dial-in* column indicates whether or not each user currently has Dial-in access. Click any entry in this column to Enable/Disable dial-in access.

- The user "Guest" is pre-defined, with no password or Dial-in access. This name will initially appear in the list.
- Note the limitations on user names:
  - Multiple words are NOT allowed.
  - Punctuation and special characters must NOT be used.
  - User names are case insensitive (case is ignored).

Data - User List	
<b>User Name</b>	Name of this user.
<b>Password</b>	The password for the current user. Passwords are case sensitive. When creating or changing a password, enter it in the <i>Verify</i> field also.
<b>Enable Dial-in</b>	Check this to enable dial-in; uncheck to suspend dial-in access.
<b>Time limit</b>	After this time period, the user is disconnected. Allowable values are 0 (default) to 999 minutes. Zero means no time limit.
<b>Call Back</b>	Options are: <ul style="list-style-type: none"> <li>• <b>Disabled</b>:- User can simply dial-in; the device will not hang-up and call back.</li> <li>• <b>Roaming</b>:- After providing their name and password, the user is prompted for the call-back number.</li> <li>• <b>Fixed</b>:- The number entered in the <b>Telephone No.</b> field is always used as the call-back number.</li> </ul>

## Remote Users

Remote users can use the same dial-up software they use for Internet access. They should check the following:

- Their ISDN TA must dial the telephone number of the Level One ISDN Router.
- Their software should be set to obtain an IP Address from the dial-in host. (This is the standard configuration; no changes should be required.) Upon connection, the Level One ISDN Router will allocate a suitable unused IP Address.
- When prompted for user name and password, they must enter the *Name* and *Password* stored in the Level One ISDN Router.

Once connected, the remote user can access LAN resources as they normally would. They will appear to other LAN devices as a normal PC on the LAN, using the IP Address allocated by the Level One ISDN Router.