


# Connecting to the Internet with a dial-up router

## 1 Configuration Items on ISP Information Check the five points below.

### 1 Type "@domainname" following your User Name.

**Example:** When your User Name issued by your ISP is "tarou1234" and your ISP is ABCnet.

You type: **tarou1234@abcnet.ne.jp** (The part for "@abcnet.ne.jp" is called "domain name.")

 This part must be additionally typed. (The characters to be typed vary depending on the ISP.)

※Refer to the separately provided "List of domain names of ISPs" for details.

※There are some ISPs that issue User Names and passwords exclusively for Flet's·ISDN service. Contact your ISP for further information.

### 2 Type your password.

Type your password registered at your ISP.

※There are some ISPs that issue User Names and passwords exclusively for Flet's·ISDN service. Contact your ISP for further information.

### 3 Type your access number (dial-up number).

Type your access number (dial-up number) presented from NTT East in "Information of Start of Service" separately provided.

Some ISPs require caller notification. When you cannot connect to the Internet, add "186" before the access number (dial-up number).

※Refer to the section for "Calling User Number Notification" in the separately provided "List of domain names of ISPs" to check if your ISP requires it.

### 4 Check the authentication protocols.

When you connect to the ISP supporting "PAP authentication protocols", configure the authentication protocols for transfer at "PAP".

※Refer to the section for "Authentication Protocols" in the separately provided "List of domain names of ISPs" to check what protocols your ISP supports.

※Some router models automatically determine the authentication protocols without allowing manual configuration for them. Refer to the manual of your router or contact its manufacturer for details.

## 5 Make a configuration of DNS server address

Type the DNS server address specified by your ISP.

※Contact your ISP for the addresses.

※Refer to the section for "DNS Address Settings" in the separately provided "List of domain names of ISPs" to check if it is required to enter the DNS address.

※Refer to the manual of your router or contact its manufacturer for information on the field(s) to be filled with the DNS address.

Some router models require you to update their firmware for connections or for their stable operations. It is recommended to download the latest version of the firmware from the website of the manufacturer of your router to install it.

## 2 Example of Configuration for Dial-Up Router

**IPMATE**

Quick(ISDN) HOME

次へ>>

日時 パソコンの時計を利用して設定する  
 2000 年 10 月 11 日 (水) 23 時 41 分

IPアドレス/マスク 192.168.1.1 / 24(255.255.255.0)

DHCPサーバ機能  DHCPサーバ機能を使用する  
 提供IPアドレス 192.168.1.2 ~ 192.168.1.250

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回線接続先名 ABCnet 接続先を区別する名前です。英数字31文字以内のわかりやすい名前をつけてください。

接続先電話番号 0312345678 Type the access number (dial-up number) presented from NTT East in "Service Initiation Notice" separately provided.

ユーザID xxxx@abcnet.ne.jp Type your User Name provided by your ISP followed by the domain name.

認証パスワード \*\*\*\*\* Type your password registered at your ISP.

DNSサーバアドレス 202.203.204.205 Type the DNS address specified by your ISP.

This is an example of entering ISP information on the configuration screen for NTT IPMATE 1400RD Ver1.10. Refer to the manual of your router or contact its manufacturer for configuration for other models.

# Points to check when you fail to connect to the Internet - For Connection Using a Dial-Up Router

- 1 Is a LAN cable (a 10BASE-T, etc. straight-through cable) used to connect your router with your personal computer?
- 2 Has "Terminal type" selected for communication mode? (When selectable)
- 3 Has "Synchronous 64 kb/s" selected for communication channel? (When selectable)
- 4 Has "@domainname" been additionally typed following your User Name?

**Example:** When your User Name issued by your ISP is "tarou1234" and your ISP is ABCnet.

You type: **tarou1234@abcnet.ne.jp** (The part for "@abcnet.ne.jp" is called "domain name.")



This part must be additionally typed. (The characters to be typed vary depending on the ISP.)

※Refer to the separately provided "List of domain names of ISPs" for details.

※There are some ISPs that issue User Names and passwords exclusively for Flet's·ISDN service. Contact your ISP for further information.

- 5 Have you correctly typed your password?

The password is case-sensitive. Be sure to type it correctly.

- 6 Haven't you typed a wrong dial-up number?

Type the access number (dial-up number) presented on the Service Initiation Notice. There are some ISPs that require you to enable calling user number notification. If you cannot make a connection, add "186" before the access number (dial-up number).

※Refer to the section for "Calling User Number Notification" in the separately provided "List of domain names of ISPs" Refer to see if your ISPs requires caller notification.

- 7 Have you checked the authentication protocols?

It is necessary to set the authentication protocols in the router settings at "PAP" when you connect to an ISP that supports PAP authentication protocols.

※Refer to the section for "Authentication Protocols" in the separately provided "List of domain names of ISPs" to see if your ISP supports PAP authentication protocols.

## 8 Make a Configuration of DNS Server Address

Type the DNS server address specified by your ISP.

※Contact your ISP for the addresses.

※Refer to the section for "DNS Address Settings" in the separately provided "List of domain names of ISPs" to check if it is required to enter the DNS address.

※Refer to the manual of your router or contact its manufacturer for information on the field(s) to be filled with the DNS address.

**Some router models require you to update their firmware for connections or for their stable operations. It is recommended to download the latest version of the firmware from the website of the manufacturer of your router to install it.**

**Refer to the manual of your router or contact its manufacturer for information about cable connections and entering ISP information.**

If you still cannot make a connection after the check, contact Technical Support stated on the back cover of this setup guide.