
1.1 Contents

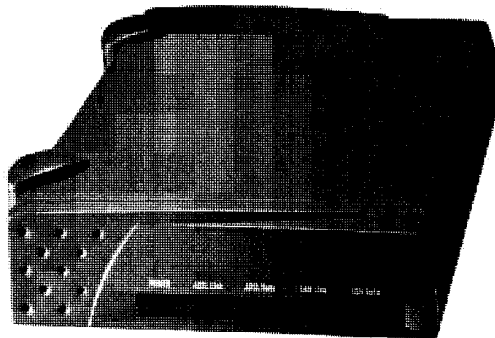
□	DREAMLINK DL-2000E ADSL Modem Introduction	3
□	Before you install DREAMLINK DL-2000E ADSL Modem	4
	- ADSL Modem components	4
	- ADSL Modem Front Panel Description	5
	- ADSL Modem Back Panel Description	6
	- ADSL Modem Cable and Connector Description	7
□	DREAMLINK DL-2000E ADSL Modem Installation	8
□	DREAMLINK DL-2000E ADSL Modem Composition and Information of Management menu	9
□	DREAMLINK DL-2000E ADSL Modem System Functions	12
□	DREAMLINK DL-2000E ADSL Modem Configuration Functions	16
□	DREAMLINK DL-2000E ADSL Modem Ethernet Functions	17
□	DREAMLINK DL-2000E ADSL Modem ATM Functions	18
□	DREAMLINK DL-2000E ADSL Modem ADSL Functions	24
□	DREAMLINK DL-2000E ADSL Modem EXIT	26
□		
□	DREAMLINK DL-2000E ADSL Modem Features	28

1.2 Introduction

**Thank you very much for you to purchase
DREAMLINK DL-2000E ADSL Modem of TELEDREAM.
Before you begin, please thoroughly read this user's guide
And then you can use effectively Internet Service.**

- DREAMLINK DL-2000E ADSL Modem is installed in subscribers' home for multimedia service such as Internet,VOD at high-speed by existing telephone line.
- DREAMLINK DL-2000E ADSL Modem transmits by G.DMT and G.LITE to the PC assigning the bandwidth of 1.5-8Mbps and bandwidth of 32Kbps-640Kbps to ADSL System installed in station.so it is possible for High-speed Internet Service.
- Because DREAMLINK DL-2000E ADSL Modem provides external POTS Splitter to divide for voice and data. So telephone and data Service can be done simultaneously
- DREAMLINK DL-2000E ADSL Modem includes Program Down-Loading the self-test function for user and Service.

1.3 Front Panel Description

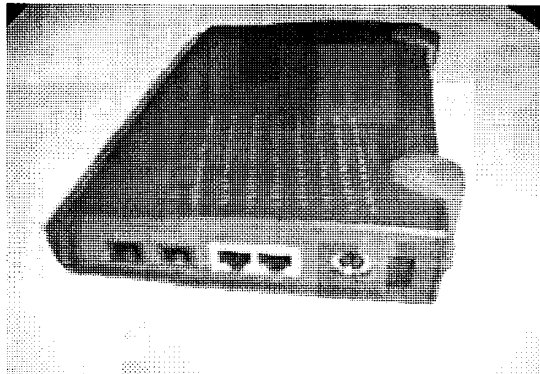


There are 5 LED signed the status in front of DREAMLINK DL-2000E ADSL Modem.

The function is as follows.

- **POWER** : LED showing that DC Power of +5/+12V is supplied in ADSL Modem.
- **ADSL Link** : LED lighting in case of link with system installed ADSL Modem and telephone line is finished.
- **ADSL Data** : LED in case of transmitting and receiving DATA with ADSL System installed in telephone office.
- **LAN Link** : LED lighting in case of link of Ethernet connected between ADSL Modem and user's PC is finished.
- **LAN Data** : LED lighting in case of data with Ethernet connected between ADSL Modem and user's PC is sent and received.

1.4 Back Panel Description

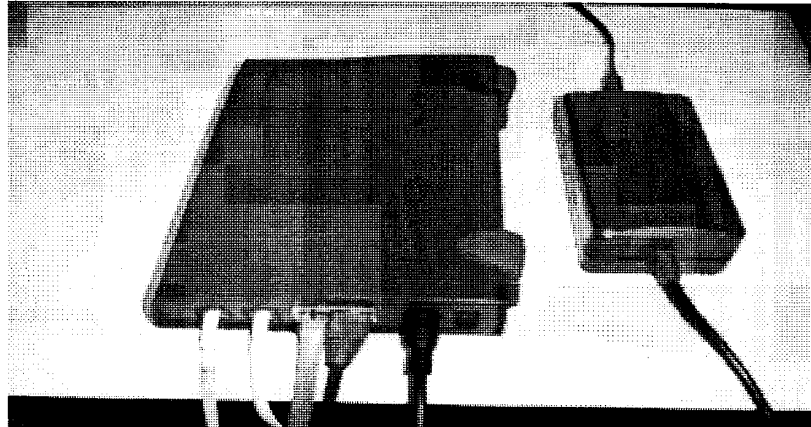


There are power connector and cable in back of DREAMLINK DL-2000E.
The detailed composition is as follows.

- Power Switch : supply DC power of +5/+12V from ADSL Modem to Power Adapter used both 110/220V.
- ADSL Porter : Part included ADSL Line Cable(RJ11) between ADSL Modem and Splitter
- SERIAL Porter : Part included Serial Cable for maintenance of ADSL Modem.

LAN Porter : 10 Base T(RJ45) is connected to the LAN Port of user's PC.

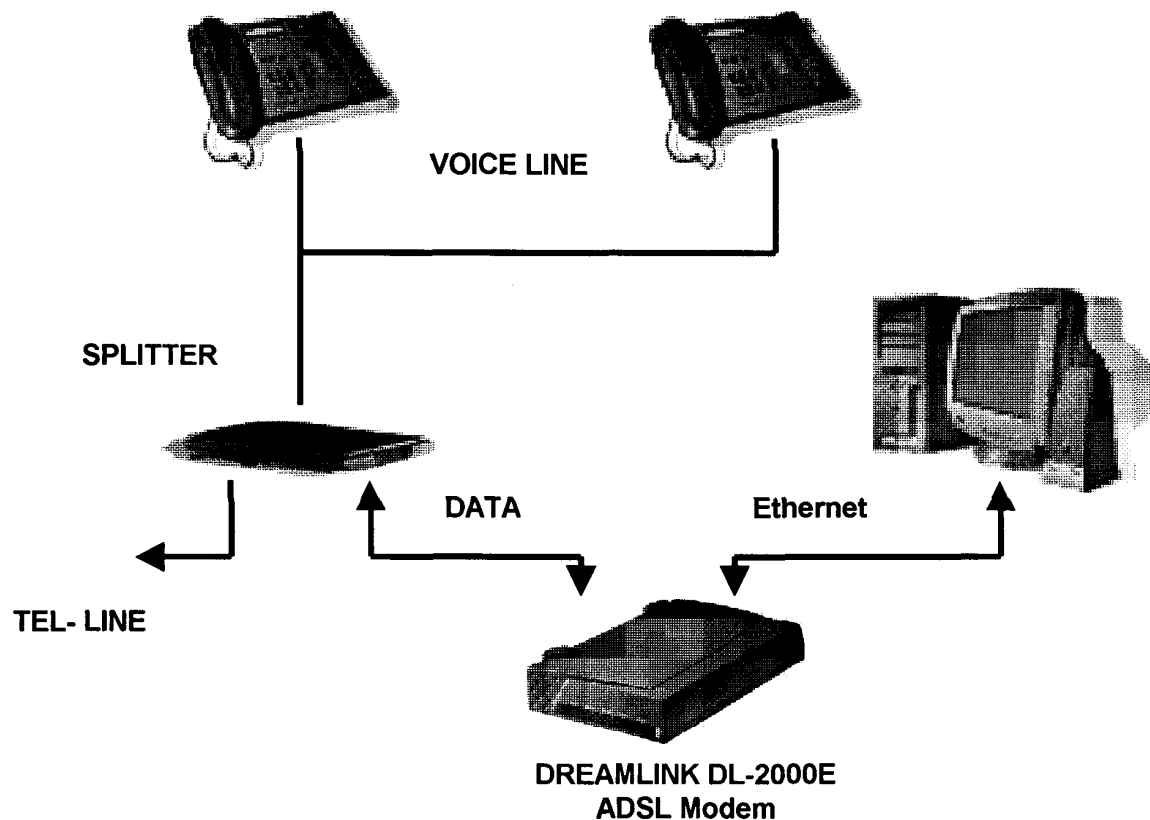
1.5 Cable and Connector Description



-RJ11	-RJ11	-Lan	-Serial	-Power
-------	-------	------	---------	--------

- ADSL Porter : ADSL Line Cable(RJ11) between ADSL Modem and Splitter
- SERIAL Porter : Serial Cable for maintenance of ADSL Modem
- LAN Porter : 10BaseT is RJ45 Cable and use Cross Cable in case of connecting Modem as well as has to connect point to point in case of connecting Modem and HUB.

1.6 Installation



- ADSL Porter : ADSL Line Cable(RJ11) between ADSL Modem and Splitter
- SERIAL Porter : Serial Cable for maintenance of ADSL Modem
- LAN Porter : 10BaseT is RJ45 Cable and use Cross Cable in case of connecting Modem as well as has to connect point to point in case of connecting Modem and HUB.

1.7 Composition and Information of Management menu

When you finish to install DREAMLINK DL-2000E ADSL modem and then supply the power, first screen of DREAMLINK DL-2000E ADSL modem and menu of password are displayed in normal display of PC connected to series cable. In this condition, if you enter the right password , "MMC Main Menu" of DREAMLINK DL-2000E ADSL is displayed .

Main menu is composed of [1]System Function, [2]Configuration Function, [3]Ethernet Function,[4]ATM Function, [5]ADSL Function and [9]Exit. If you want to select the menu, please input the sub-number. (Ex : 11)

<<< ADSL Modem MMC Function >>>

[1] System Functions	
[11] Information System	[12] Firmware Upgrade
[13] IP Address Change	[14] Reset System
[2] Configuration Functions	
[21] Service Type Change	[22] Initial Service
[3] Ethernet Function	
[31] Show Statistic	[32] Reset Statistics
[4] ATM Function	
[41] Show Connection	[42] Show Statistic
[5] ADSL Function	
[51] Parameter Update	[52] Show Link Status
[53] Show Error Status	[54] Show Link Progress
[9] Exit	

Selection Number ==>

1.7.1 System Functions

is composed of [11] Information System [12] Firmware Upgrade, [13] IP address, Change and [14] Reset System. The detail function is as below.

1.7.1.1 Information System

displays the usual information such as the service type, IP address and ATM address of DREAMLINK DL-2000E ADSL modem , print type is as below.

```
-----  
----- ADSL Information System -----  
-----  
Service Type      : Bridge  
System Version   : V.1.1  
Firmware Version  : 6.3.0.9  
System Uptime    : 03:41:09  
Name of System   :  
Contact Name     :  
Location         :  
VCC Channel Data : 0/32   PCR : 65535  
Ethernet Address  : 00:20:2b:01:02:04  
IP Address       : 192.168.101.2   255.255.255.0  
PPP user/passwd  : adsl / adsl  
[GSI parameter]  
standard item    : T1.413  
Firmware Version : H.65.1.1  
pmode item      : ENABLE  
coding gain      : AUTO-GAIN  
tx power atten   : 0  
Any key return main menu ==>
```

1.7.1.2 Firmware Upgrade

is used in case of upgrading the acting firmware in DREAMLINK DL-2000E ADSL modem.

The upgrade performs TFTP protocol through Ethernet in PC which is stored the firmware to be upgrade in DREAMLINK DL-2000E ADSL modem.

```
----- TFTP Firmware Upgrade -----
```

```
TFTP Server IP Address ? 210.108.109.151
```

```
Firmware Filename ? image.comp
```

```
IP address : 210.108.109.151
```

```
File Name : image.comp
```

```
getting '210.108.109.151:image.comp' to 'image'
```

```
Firmware Upgrade [y/n] ? y
```

```
file save completed successfully
```

```
Any key return main menu ==>
```

1.7.1.3 IP Address Change

registers and changes IP address in Ethernet of DREAMLINK DL-2000E ADSL modem.

When IP address and Subnet Mask are registered, it is possible to access Telnet, Web Base of HTTP by network. The first Ethernet IP address of DREAMLINK DL-2000E ADSL is 192.168.101.2 and Subnet Mask is 255.255.255.0.

IP Address Change	
Enter New IP Address (192.100.100.100)	? 192.100.100.100
Enter New Subnet Mask (255.255.255.0)	? 255.255.255.0
Change will have no effect until after config save and restart.	
Saving configuration...Configuration saved.	
ADSL Modem S/W Reset [y/n] ?	

1.7.1.4 Reset System

is used when you begin DREAMLINK DL-2000E ADSL modem without acting power switch by management interface of DREAMLINK DL-2000E ADSL modem

1.7.2 Configuration Functions

is composed of [21] Service Type Change, [22] Initial Service and the detail function is as below.

1.7.2.1 Service Type Change

sets up the service type of DREAMLINK DL-2000E ADSL modem and set up the one of Bridge, PPPoA, IPOA.

]

☐ Bridged Mode Set up

is the function to set up Bridge Mode of service types of DREAMLINK DL-2000E ADSL modem.

Service type is "1", ID of VPI / VCI is the number given service provider, PCR is Peak Cel Rate. After changing the service type, you should reset the modem necessarily .

Service Type Change Mode

Service type [1:BRIDGE 2:PPPOA 3:IPOA] (0) ? 1

Vpi Number [0-255] (0) ? 0

Vci Number [0-65535] (40) ? 40

Pcr Number [0-65535] (65535) ? 65535

Updating flash filing system ... done

ADSL Modem S/W Reset [y/n] ?

□ PPPoA Mode Installing

DREAMLINK DL-2000E ADSL modem is PPP Client and performs NAT(Network Address Translator) for the change of local IP and network address at the PC side connected to modem, User Name and Password is for receiving IP from PPP Server.

Service type is "2".

----- Service Type Change Mode -----

Service type [1:BRIDGE 2:PPPOA 3:IPOA] (0) ? 2

Vpi Number [0-255] (0) ? 0

Vci Number [0-65535] (40) ? 40

Pcr Number [0-65535] (65535) ? 65535

PPP user name () ? adsl

PPP user passwd () ? Adsl

Ethernet Ip Address (192.168.101.2) ? 192.168.101.2

Updating flash filing system ...

ADSL Modem S/W Reset [y/n] ? y