netween

Netween Router User Manual

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Components

Netween Router

1M LAN cable

User Manual

Power Adapter

Netween Router
Product Features

C340T

Wireless

-. 802.11n(draft 2.0), 802.11b/g
-. 2T2R
-. Up to 300Mbps
-. Multiple SSID
-. SSID broadcast
-. Auto transmission speed
-. WDS Wireless bridge
-. Wi-Fi Multi Media
-. Auto Channel Select
-. WPS
-. OFDM, DSSS, MIMO
-. 2.4 Ghz

Network Protocol

-. PPPoE
-. DHCP
-. MAC cloning
-. Port forwarding
-. QoS for MAC and IP
-. IGMP Proxy
-. DDNS
-. UPnP
-. VPN Server
-. DMZ, Special DMZ
-. NAT

Security

-. 64/128/WEP
-. WPA/WPA2, WPA-PSK/
WPA2-PSK(TKIP/AES)
-. Hidden SSID
-. Access Control List
-. Packet Filtering
-. Web Contents/URL filter
-. Parent Control

Others

-. Login(ID/PW)
-. Auto-Firmware upgrade
-. Remote Web management
-. System log
-. WOL

Specification

Wireless Interface	IEEE802.11b/g/n (Draft 2.0)
CPU	384Mhz MIPS 34bit
WAN Interface	1 x 10/100Base-Tx, Auto MDI/MDIX
LAN Interface	4 x 10/100Base-Tx, Auto MDI/MDIX
Status LED	Power, WLAN, WAN, LAN x 4, WPS
DRAM	16Mbytes
FLASH	4Mbytes
Power	Input : 100~240VAC, 50~60Hz
	Output : 5VDC, 2A
Operating Temp.	0 ~ 50℃
Tx Power	17dBm ± 2dBm
Rx Sensitivity	-65dBm @130Mbps
	-68dBm @54Mbps
	-84dBm @11Mbps
Antenna	3 dBi x 2 antenna

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Installation Precautions

Read the notes below before installing

The power adapter must be a standard adapter that is supplied with Netween adapter products.

Must seek professional help when product is damaged, please avoid further deteriorating or opening the case of the product.

Be careful not to drop or apply strong collision to the product.

Please avoid setting in places with direct sunlight, dust, excessive vibration or unstable places before and after you install the product.

If the exterior adapter devices of the Netween are cleaned with alcohol, benzene, acetone, etc. or any flammable liquids, this alteration to the surface will cause chemical changes. In case of contact with other material please wipe the area with a dry cloth.

The power being supplied must be stable. In the case of the power supply develops sparks or noises, a power control device must be installed.

Never touch the power supply area when the power cord is connected due to risks of electric shocks. When installing or moving the product, power switch must be turned off and all the connected cables must be unplugged.

Pay attention not to overload wiring connections when connected the power source.

- The information contained in this manuscript can be changed without agreement or separate notice of individual users.
- According to individual user's internet service provider's terms and regulations, some environmental constrains of the product performance and feature limitations may be encountered.
- We will not take responsibility of any line disability issues during usage of this product.

Product & Explaination

Power / ON

Shows the power supply is normal

WLAN / Flicker

Shows wireless is in operating conditions

WPS / only flickers when activated

WPS supported devices and confirmation process is in progress

WAN / Flicker

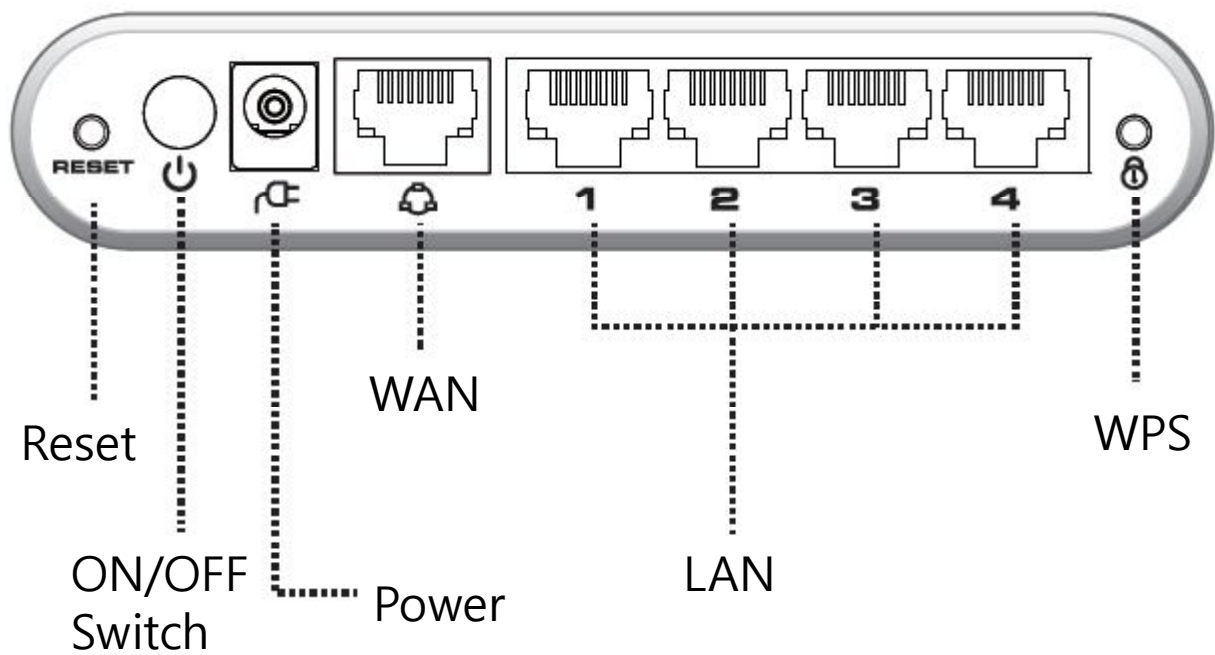Shows external internet cable is connected and data communication is in progress

1   2   3   4

LAN /Flicker

PC and cable is connected and shows data communication is in progress
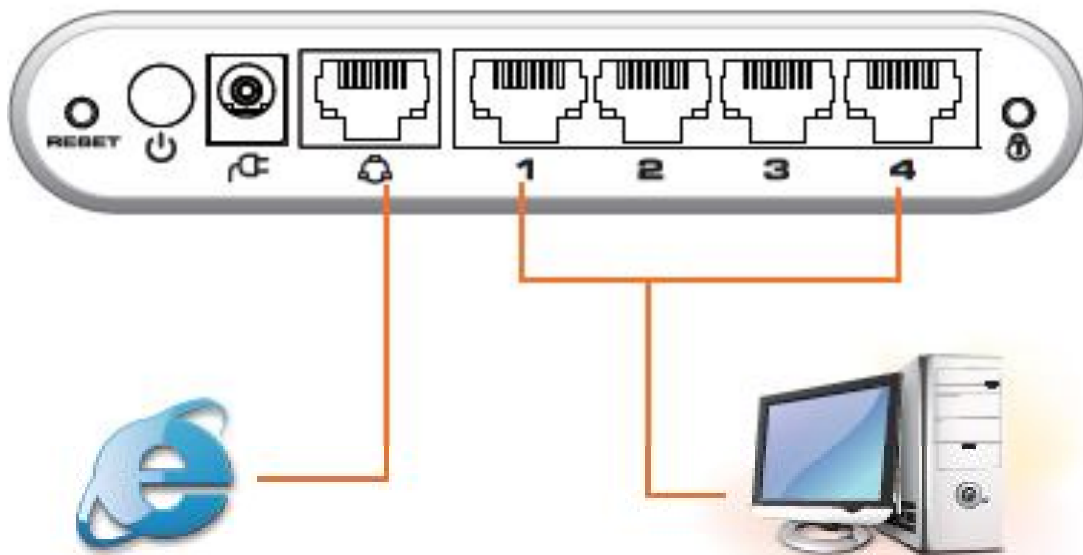
* WPS (Wifi Protected Setup)
A feature to set up easily without complex security settings between adaptor and WPS function supported terminals.
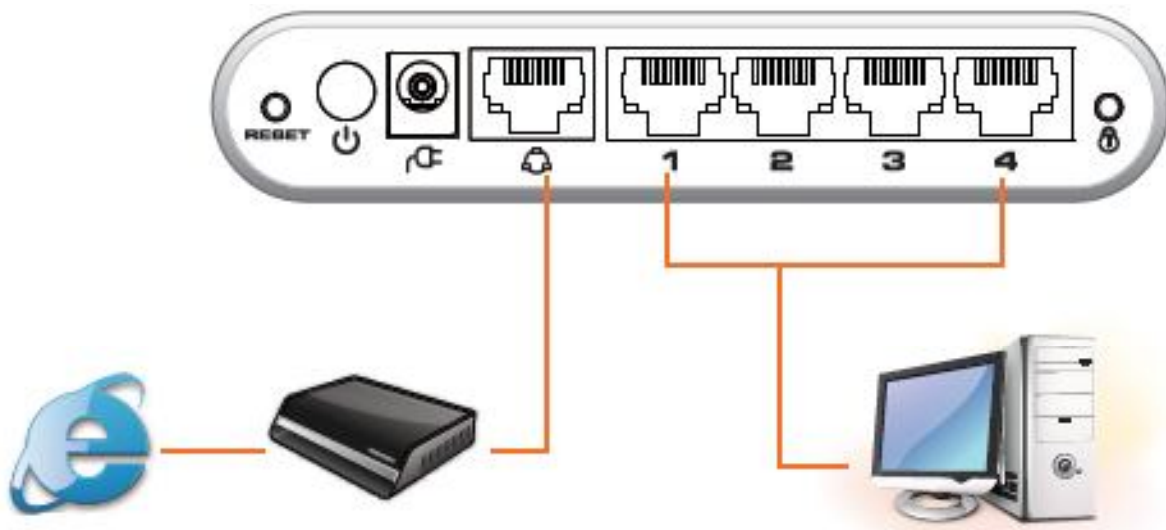
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RESET

Reset

ON/OFF
Switch

Power

WAN

1   2   3   4

LAN

WPS

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Netween Default Connection

General internet environment

Environment using a Modem

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How to install

1. Connect the power supply adaptor to the router's body.

2. With modem methods, disconnect the LAN cable that is
   connected to the modem connected to the PC and
   connect it to the router (WAN port). When with modem doesn't
   have an optical LAN, separate the socket of the terminal
   from the PC and connect it to the router (WAN port). Make sure
   the LED of the (WAN) is working normally.

3. After turning on the PC, connect the LAN cable that is
   enclosed with the product to the PC and into 1 2 3 4,
   one of the LAN ports of the router. Make sure the LED
   of 1 2 3 4 are functioning.

4. Reboot the PC and see if the internet working

Netween default set

Internet connection set

- If internet is automatically connected, internet can be used without
  additional connection settings

1. Dynamic IP(DHCP)

Netween router is set to automatically receive IP method in default.
Enter address http://192.168.1.1- Expert Setting- WAN Interface Setting

WAN Interface Settings

In this page, you can set the basic network parameters of the WAN interface.

WAN Interface Connection Type	Dynamic IP(DHCP)
IP Address	221.165.151.195
Subnet Mask	255.255.255.0
Gateway	221.165.151.1
Packet MTU (byte)	1500 (Default: 1500. Do not modify it unless it is necessary.)
☐ Manually set the DNS server	
DNS Server	168 . 126 . 63 . 1
Secondary DNS Server	168 . 126 . 63 . 2 (Optional)
☐ Obtain the IP address in the unicast mode (it is not recommended)	

Save   Cancel

2. Static IP

Set when router is connected

1) After accessing to 192.168.1.1 on the internet
address bar, change the internet to (Static IP)
from (Expert Setting)→ (Network Setting)
→ (WAN Interface Setting) and enter the given Static
IP and click SAVE
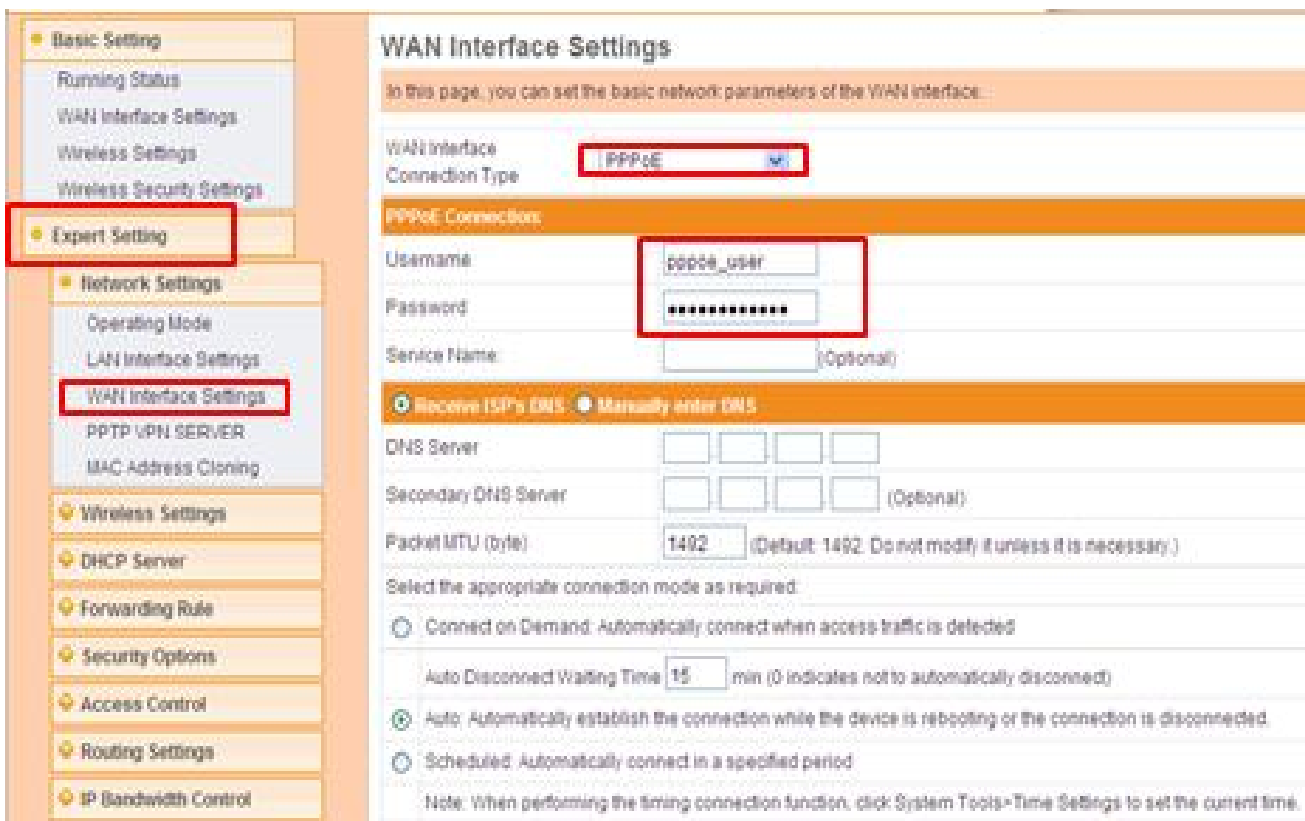

2) Savings are completed when the screen turns white
and back to its original form.

3. PPPoE (ADSL User)

Set when router is connected

1) After inserting internet access address 192.168.1.1
   go to [Expert Setting]➔[Network Sertting]
   ➔[WAN Interface Setting] and change the
   internet connection form to [PPPoE] and insert
   the user ID and password of the telecommunication
   company that you have signed up, click SAVE

2) Savings are completed when the screen turns white
   and back to its original form.

3) After saving, confirm if the wired and
   wireless internet is working

- Available change wireless router's name and setting type of encryption.
- You can choose type of encryption
  (Not Certification, WEP, WPA-PSK, WPA-PSK2, etc.)

1. How to setting wireless security

1) Available change Subsystem Identification
   (Wireless router's name) to easy for remember.

2. How to check wireless security

1) You can choose type of encryption
   (Not Certification, WEP, WPA-PSK, WPA-PSK2, etc).

For your security, we suggest that change Subsystem Identification
(Wireless router's name)
We suggest to you setting the encryption type security (WEP/WPA-PSK)
Your valuable data(Password, Credit card number, Internet banking)
When connect wireless LAN.
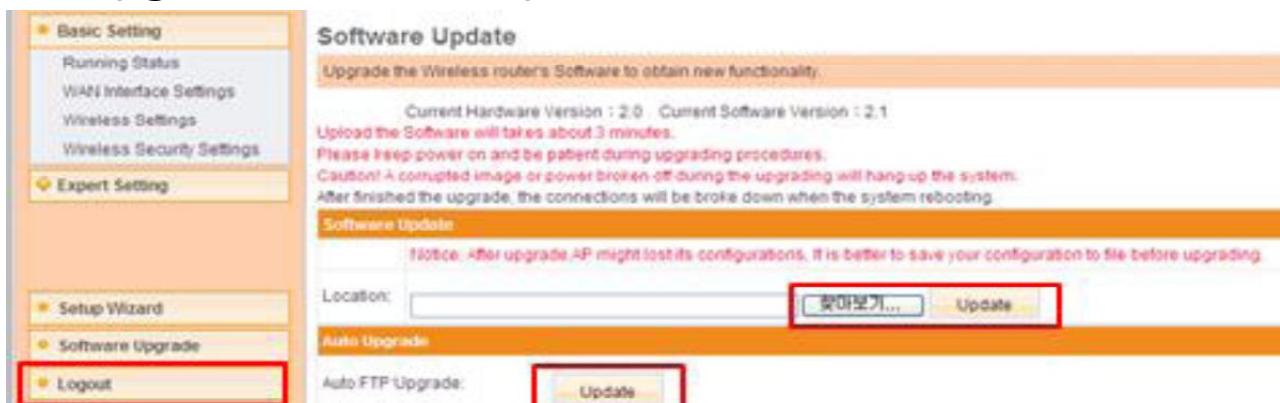
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Firmware Upgrade

- It is better to upgrade to the latest version periodically to increase function of Netween products.

1. Manual upgrade

1) Download the right firmware file as the router model through the homepage (http://www.netween.co.kr)

2) Click the left menu shown in the picture below

3) Click (Browse) and select the file that is downloaded

4) Click (Update)

5) It will take around 3 minutes for the firmware guide to be shown.

2. Automatic upgrade
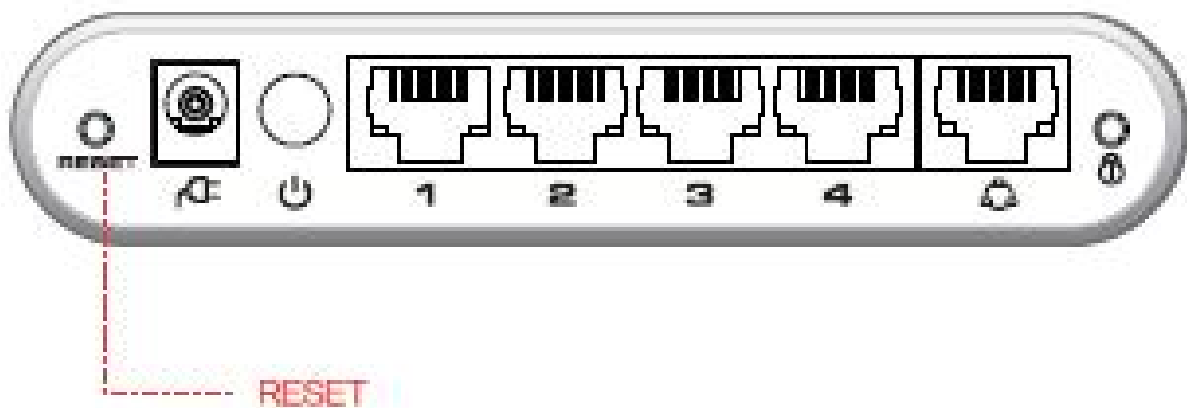
1) Click (Update) next to auto FTP upgrade

2) Upgrade in progress

3) Due to overload of the server, the auto-upgrade process may not be smooth.

- Manual upgrade is recommended when auto-upgrade cannot be processed.

Load Default Setting(RESET)

- Product will return to its initial settings as
  when was first manufactured.

After resetting, all settings will return to load default
settings so user must set the settings again.

RESET

1. Connect the adapter to the router and check the
   status of the LED

2. There is a reset button at the back of the product.

3. By using objects that have a sharp point such as a
pencil, press and hold the reset button for a while.

4. When the LEDs, except for the power switch, goes on
   again reset is completed.

FCC ID: N7SC340T

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation.
Operation is subject to the following two conditions.
1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment can generate, use and radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressily approved by the party responsible for compliance could void the users authority to operate the equipment.