



Wi-Fi homeplug

LN-554



User Manual

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Revision 1.1

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Note: All the information contained in this manual was correct at the time of publication.

However, as our engineers are always updating and improving the product, your device's software may have a slightly different appearance or modified functionality than presented in this manual.

Introduction

Homeplug is home and office networking using the electric wiring already installed in the building.

Cost factor and transmission quality

Homeplug is an economical and easy-to-use networking technology. You don't need to lay cables and you can connect to the home network at every power point.

The Homeplug standard modulates and demodulates additional frequencies on the power lines. Modulation and demodulation is a well-known and proven method of data transmission, which has been in use in other applications for a number of years. Now it is used to set up Internet and network accesses in the home or office. Depending on the damping factor, distances of at least 200 meters can be covered.

With a maximum data rate up to 500 Mbps and symmetrical upload and download speeds, Homeplug is comparable to traditional Ethernet network solutions.

Data security and radiation

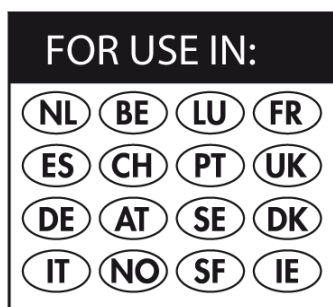
128-bit AES encryption is used, which guarantees secure data transfer within the network.

WiFi

Not only is the LN-554 very compact, it is designed with a built-in power adapter. This design allows you to plug it directly into an electrical outlet, eliminating the need for an additional power cable. You can easily install it where your Wi-Fi signal needs enhancement and enjoy high-speed wireless performance without any hassles.

The latest 802.11n technology is built into the LN-554 to broaden its wireless coverage and to eliminate dead spots within the wireless range. The LN-554 complies with wireless 802.11b/g/n standards and can reach data transmission rates of up to 300Mbps when connected to wireless 802.11n devices. It provides faster and more reliable wireless connections than standard 802.11b/g wireless networks.

This product can be used safely in the countries listed below:



Package Contents

Open the package carefully, and make sure that none of the items listed below are missing. Do not discard the packing materials, in case of return; the unit must be shipped back in its original package.

- The LN-554 WiFi homeplug
- A Quick Install Guide
- An UTP cable

Cautions

This device's design and manufacturer has your safety in mind. In order to safely and effectively use this device, please read the following before usage.

Usage Cautions

The user should not modify this device. The environmental temperature should be within +5 ~ +35 degrees Celsius.

Power

The device's power voltage is AC 230v.

To reduce the risk of electric shock, unplug the device first before cleaning it. Never connect the device in a humid or dusty area.

Repair

If the device has a problem, you should take it to an appointed repair center and let the specialists do the repair. Never repair the device yourself, you might damage the device or endanger yourself.

Disposing of the Device

When you dispose of the device, be sure to dispose it appropriately. Some countries may regulate disposal of an electrical device, please consult with your local authority.

Others

When using this device, please do not let it come into contact with water or other liquids. If water is accidentally spilled on the device, please use a dry cloth to absorb the spillage. Electronic products are vulnerable, when using please avoid shaking or hitting the device, and do not press the buttons too hard.

- Do not let the device come into contact with water or other liquid.
- Do not disassemble, repair or change the design of the device; any damage done will not be included in the repair policy.
- Avoid hitting the device with a hard object, avoid shaking the device and stay away from magnetic fields.
- If during electrostatic discharge or a strong electromagnetic field the product will malfunction, unplug the power cable. The product will return to normal performance the next time it is powered on.

Product Layout



Port	Description
LAN	Connect your PCs or network devices to these ports
Security	Push to connect to Homeplug network
Reset	Push 15 seconds to reset the device to factory default

Backlabel and Network Details Folder

The Network Details Folder describes the IP address, login details, network name, security code and OPS button functionality.

Wi-Fi Homeplug 500Mbps

Product No.: LN-554 v1001 | Input: ~100-240V, 50/60Hz, 80mA

To access the Wi-Fi configuration, type the following IP address in your internet browser: <http://sitecom.plug>

Username: admin
Password:

To make a wireless connection with this homeplug, use the following details:

Network name:

WPA2 code:

Made in China
SC-20130211



Button	Description
OPS BUTTON	Press 0-5 seconds for WiFi WPS mode

LED Definition



As shown from the top to the bottom.

Port	Description
Power	Shows the device is turned on.
LAN	Shows the LAN cable is connected.
LAN	Shows the LAN cable is connected.
Data	Shows homeplug connectivity
WiFi & OPS	Shows WiFi & OPS/WPS activity

Connecting the Homeplug



You can plug the LN-554 directly into a wall outlet. Switch the device on with the power switch located on the bottom of the device. The LN-554 automatically enters the self-test phase. During self-test phase, the Power LED will be lit continuously to indicate that this product is in normal operation.

Homeplug

This product is a Homeplug AV power line device. Each Homeplug has a Homeplug network name. Multiple Homeplug devices with the same network names can communicate with one another, and thus belonging to a same Homeplug network security. Devices with a different network name won't communicate.

Any 'Homeplug-AV' compliant Homeplug which comes new from the box, including this device, has a default network name of HomeplugAV. It can communicate with other brands of new Homeplug-AV compliant devices, thus these new devices are so called belonging to the public network. Pushing the SECURITY button of the device will change its network name. This way, users can create one or multiple private Homeplug network securitys using this button, without complicated setup software involved, thus protect their data which is being transmitted over the power line. Pressing the RESET button of a power-active Homeplug device will reset the network name back to its factory default (HomeplugAV).

By pushing the SECURITY button for more than 10 seconds, a random network name (different from HomeplugAV) for the device will be generated. This device can then ask other devices to join its Homeplug network to form a private network security. Any other device, the Slave Homeplug for instance, which wants to join this device's (the Master)

Homeplug network security can be added by the steps below: (NOTE: it is more convenient to bring devices, which are to be configured into the same logical network security, side by side during this procedure. After the network security is set, the devices can be deployed anywhere at home)

Create a private encrypted network

Step 1: Create a secure network.

First clear the public network and create a private network on HomePlug A by pressing the SECURITY button more than 10 seconds until all LED lights simultaneously turn off and on once. Do the same on HomePlug B. At this moment, the network names have changed to a random name and are ready to be joined together.

Step 2: Join the secure network.

Press the SECURITY button of both HomePlugs for 2 to 3 sec (make sure the POWER LED starts blinking). It doesn't matter which device's button is pushed earlier than the other, but please push the second device's Security button within two minutes after pushing the first device's Security button. This way, HomePlug B joins the same encrypted network as HomePlug A.

Please note: If you want to connect with any of the below Sitecom Homeplugs, press the NMK button on these for 5~8 seconds to join a secure network.

- LN-506/LN-516
- LN-507/LN-517
- LN-508/LN-518
- LN-509/LN-519

Add an extra Homeplug

First, clear the original network security of the extra HomePlug by pressing its SECURITY button more than 10 seconds until all LED lights simultaneously turn off and on once. At this moment, its network security name has been changed to a random name and is ready to be assigned another network name.

Next, press the SECURITY button of the extra HomePlug and the SECURITY button on a HomePlug that is already connected to the network for 2 to 3 sec (make sure the POWER LED starts blinking). It doesn't matter which device's button is pushed earlier than the other, but please push the second device's Security button within two minutes after pushing the first device's Security button. This way, the extra HomePlug joins the same encrypted network as the rest.

Remove a device from a network Security

If for example, device A and device B are in the same logical network security and you want to remove device A from this logical network security, just press the SECURITY button of device A for 10 seconds. This makes device A unable to communicate with device B.

Make two public network devices private

If you want to make two new public devices (network name HomePlugAV) to become private, please carry out Step 1 on both devices, then do step 2 on these two devices. Finally, a private random network name is generated for these two devices.

Standby Mode

The standby mode enables the Homeplug to save power consumption. The Homeplug automatically enters standby if no Ethernet cable is connected, or the connected device enters standby, hibernation, or is powered-off for over two minutes. During standby, only the POWER LED blinks at a slow rate. To exit standby, just insert the Ethernet cable to the Homeplug, or wake up the connected device.

Note: Some computers support the Wake on LAN function that may cause the Homeplug not to enter the standby mode.

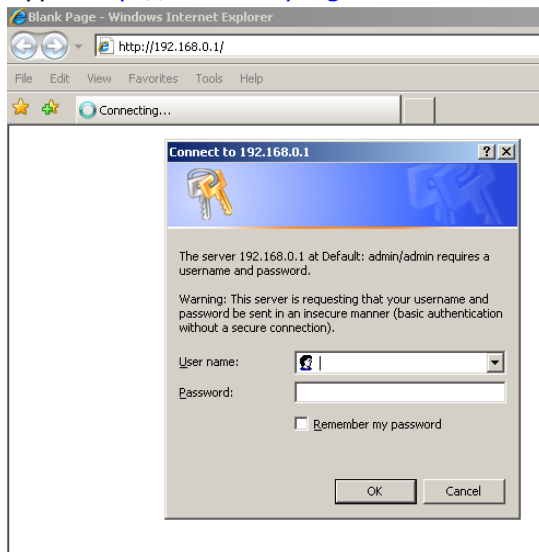
Configuring the device

LOGIN procedure

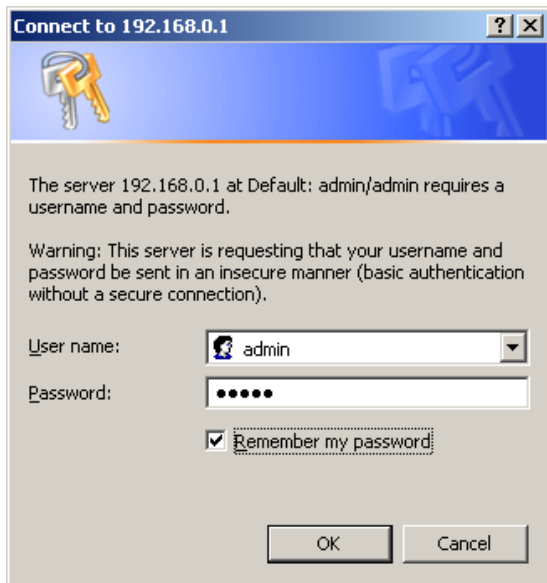
1. OPEN your browser (e.g. Internet Explorer).



2. Type <http://sitecom.plug> in the address bar and press [Enter]



3. Type user name and password (default username is 'admin', the password can be found on the backlabel of the LN-554).



4. Click **OK**.

5. You will see the home page of the LN-554.

wallmount
accesspoint N300

SITECOM

Home Basic Settings Advanced Settings Toolbox HomePlug English

System

Up time :	0day:0h:1m:24s
Hardware version :	Gpn2.8P61A-C_WIFI-V0.02
Runtime Code Version :	GE_1.00

Wireless Configuration

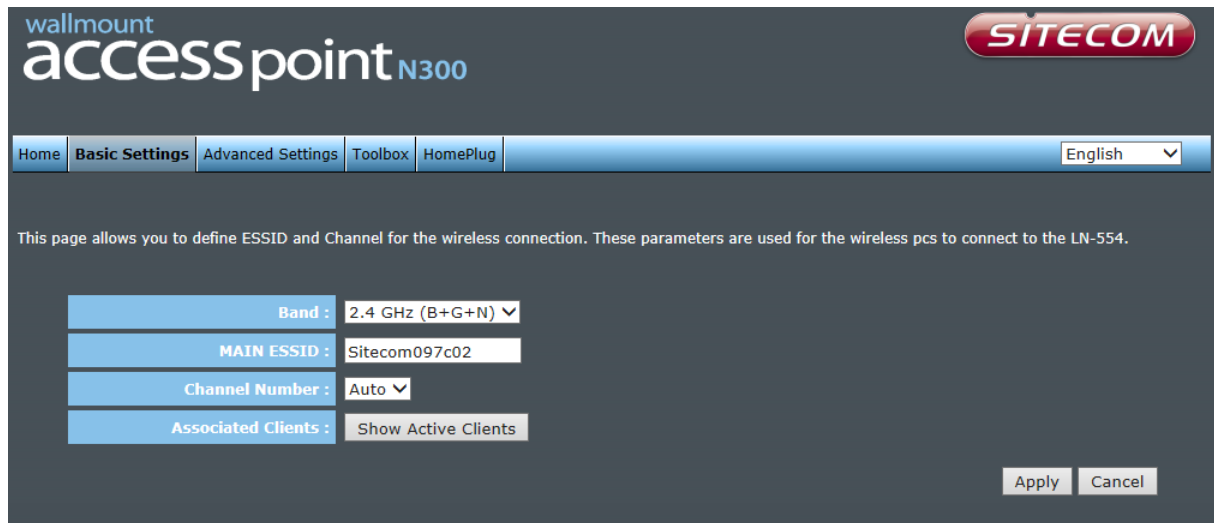
Mode :	Accesspoint
ESSID :	Sitecom097c02
Channel Number :	1
Security :	WPA-shared key
BSSID :	64:D1:A3:09:7C:04
Associated Clients :	0

LAN Configuration

IP Address :	10.0.0.105
Subnet Mask :	255.255.255.0
Default Gateway :	0.0.0.0
MAC Address :	64:D1:A3:09:7C:03

The System status section allows you to monitor the current status of your LN-554, the UP time, hardware information as well as firmware version information is displayed here.

Basic Settings

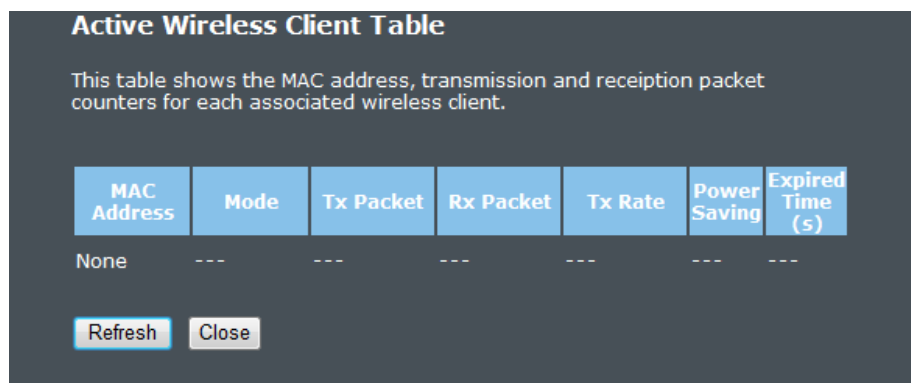


Band Please select the wireless band you wish to use. By selecting a different band setting, you'll be able to allow or deny the wireless clients on a certain band.

MAIN ESSID Please input the ESSID (the name used to identify this wireless access point) here. You can input up to 32 alphanumerical characters. PLEASE NOTE THAT THE ESSID IS CASE SENSITIVE.

Channel Number Please select a channel number you wish to use. The channel number must be same as the wireless access point you wish to connect.

Associated Clients Click 'Show Active Clients' button and a new popup window will appear which contains the information about all wireless clients connected to this access point.



You can click the 'Refresh' button in the popup window to keep the information up-to-date

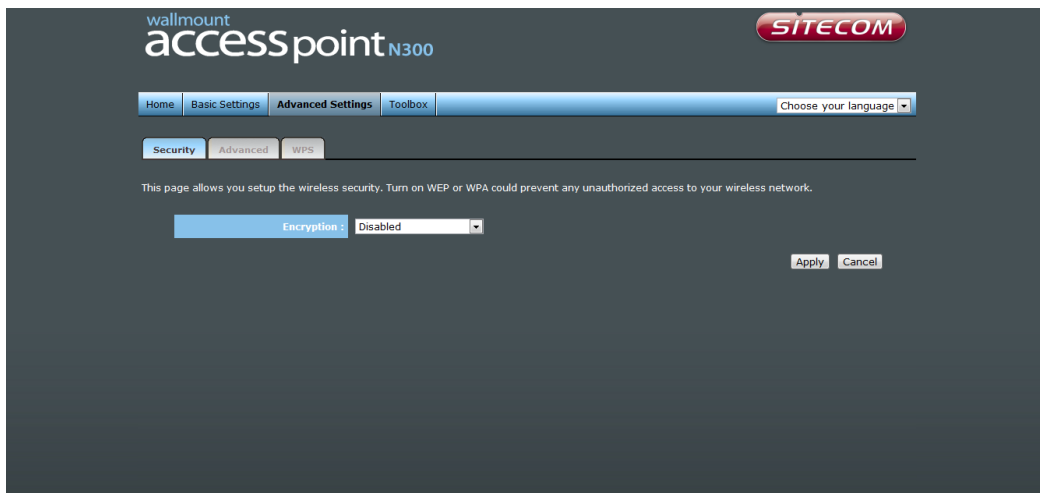
ADVANCED SETTINGS

Security

This device provides many types of wireless security (wireless data encryption). When you use data encryption, data transferred by radio signals in the air will become unreadable for those people who don't know the correct encryption key (encryption password).

There are four types of security level you can select: Disable (no security - data encryption disabled), WEP, WPA Pre-shared Key, and WPA Radius. Please refer to the following sections for detailed instructions.

Disabled



When you select 'Disabled', wireless encryption for the network is disabled. This is not recommended.

Click <Apply> at the bottom of the screen to save the above configuration. You can now configure other sections by choosing Continue, or choose Apply to apply the settings and reboot the device.

WEP

The screenshot shows the configuration interface for a wallmount accesspoint N300. The page title is "wallmount accesspoint N300" and the SITECOM logo is in the top right. The navigation menu includes Home, Basic Settings, Advanced Settings (selected), and Toolbox. A language selection dropdown is set to "Choose your language". Below the navigation, there are tabs for Security (selected), Advanced, and WPS. A note states: "This page allows you setup the wireless security. Turn on WEP or WPA could prevent any unauthorized access to your wireless network." The WEP configuration section includes the following fields:

Encryption :	WEP
Key Length :	64-bit
Key format :	Hex (10 characters)
Default Tx Key :	Key 1
Encryption Key 1 :	
Encryption Key 2 :	
Encryption Key 3 :	
Encryption Key 4 :	

At the bottom right, there are "Apply" and "Cancel" buttons.

Key Length You can select the WEP key length for encryption, 64-bit or 128-bit. The larger the key will be the higher level of security is used, but the throughput will be lower.

Key Format You may select ASCII Characters (alphanumeric format) or Hexadecimal Digits (in the "A-F", "a-f" and "0-9" range) to be the WEP Key.

Key1-Key4 The WEP keys are used to encrypt data transmitted in the wireless network. Use the following rules to setup a WEP key on the device. 64-bit WEP: input 10-digits Hex values (in the "A-F", "a-f" and "0-9" range) or 5-digit ASCII character as the encryption keys. 128-bit WEP: input 26-digit Hex values (in the "A-F", "a-f" and "0-9" range) or 13-digit ASCII characters as the encryption keys.

Click <Apply> at the bottom of the screen to save the above configuration. You can now configure other sections by choosing Continue, or choose Apply to apply the settings and reboot the device.

WPA

wallmount
accesspoint N300

SITECOM

Home Basic Settings **Advanced Settings** Toolbox Choose your language ▾

Security Advanced WPS

This page allows you setup the wireless security. Turn on WEP or WPA could prevent any unauthorized access to your wireless network.

Encryption :	WPA Pre-Shared Key ▾
WPA Unicast Cipher Suite :	<input type="radio"/> WPA(TKIP) <input checked="" type="radio"/> WPA2(AES) <input type="radio"/> WPA2 Mixed
Pre-Shared Key Format :	Passphrase Key ▾
Pre-Shared Key :	LhsCchA9CchA9

Apply Cancel

WPA Unicast Cipher Suite

Available options are: WPA (TKIP), WPA2 (AES), and WPA2 Mixed. You can select one of them, but you have to make sure your wireless client supports the cipher you selected.

Pre-shared Key Format

Please select the format of pre-shared key here, available options are 'Passphrase' (8 to 63 alphanumerical characters) and 'Hex' (64 hexadecimal characters – 0 to 9 and a to f).

Pre-shared Key

Please input pre-shared key according to the key format you selected here. For security reason, don't use simple words.

Advanced

This tab allows you to set the advanced wireless options. The options included are Channel Bandwidth, Fragment Threshold, RTS Threshold, Beacon Interval, and Preamble Type. You should not change these parameters unless you know what effect the changes will have on the router.

The screenshot shows the 'Advanced Settings' page for a wallmount access point N300. The page has a dark blue header with the 'wallmount access point N300' logo and a 'SITECOM' logo. Below the header is a navigation bar with tabs for 'Home', 'Basic Settings', 'Advanced Settings', 'Toolbox', and 'HomePlug'. A language dropdown menu is set to 'English'. Underneath, there are three sub-tabs: 'Security', 'Advanced', and 'OPS'. A warning message states: 'These settings are only for more technically advanced users who have a sufficient knowledge about wireless LAN. These settings should not be changed unless you know what effect the changes will have on your LN-554.' The main content area contains several configuration rows, each with a label, a value field, and a range or options: 'Fragment Threshold' (2346, range 256-2346), 'RTS Threshold' (2346, range 256-2346), 'Beacon Interval' (100, range 40-1000 ms), 'DTIM Period' (10, range 1-10), 'Data rate' (Auto, dropdown), 'Channel Bandwidth' (radio buttons for Auto 20/40 MHz, 20 MHz, 40 MHz), 'Preamble Type' (radio buttons for Short Preamble, Long preamble), 'Broadcast ESSID' (radio buttons for Disable, Enable), and 'Tx Power' (100%, dropdown). At the bottom right, there are 'Apply' and 'Cancel' buttons.

- Fragment Threshold** Set the Fragment threshold of wireless radio. The default value is 2346.
- RTS Threshold** Set the RTS threshold of wireless radio. The default value is 2347.
- Beacon Interval** Set the beacon interval of wireless radio. The default value is 100.
- DTIM Period** Set the DTIM period of wireless radio. The default value is 3.
- Data Rate** Set the wireless data transfer rate to a certain value. Since most wireless devices will negotiate with each other and pick a proper data transfer rate automatically, it's not necessary to change this value unless you know what will happen after modification.
- Channel Width** Select wireless channel width (bandwidth taken by wireless signals of this access point). It's suggested to select 'Auto 20/40MHz'. Do not change to '20 MHz' unless you know what it is.

Preamble Type

Set the type of preamble of wireless radio. The default setting is 'Short Preamble'.

Broadcast ESSID

Decide if the wireless access point will broadcast its own ESSID or not. You can hide the ESSID of your wireless access point (set the option to 'Disable'), so only people who know the ESSID of your wireless access point can get connected.

TX Power

You can set the output power of wireless radio. Unless you're using this wireless access point in a really big space, you may not have to set output power to 100%. This will enhance security (malicious / unknown users on a distance will not be able to reach your wireless access point).

OPS

One Push Setup (OPS) is the simplest way to establish a connection between the wireless clients and the wireless router. You don't have to select the encryption mode and fill in a long encryption passphrase every time when you try to setup a wireless connection. You only need to press a button on both wireless client and wireless router, and OPS will do the rest for you.

wallmount
accesspoint N300

SITECOM

Home Basic Settings **Advanced Settings** Toolbox HomePlug English

Security Advanced **OPS**

This page allows you to change the setting for OPS(Wi-Fi Protecting Setup). OPS can help your wireless client automatically connect to the Access Point.

Enable

Wi-Fi Protected Setup Information

OPS Current Status :	Configured
Self Pin Code :	53077783
SSID :	Sitecom097c02
Authentication Mode :	WPA-shared key
Passphrase Key :	••••••••

Device Configure

Mode :	Registrar
OPS Via Push Button :	Start to Process
OPS via PIN :	Start to Process
OPS Session Status :	Waiting Connection

Check the box to enable the OPS function and uncheck it to disable the OPS function.

OPS Current Status If the wireless security (encryption) function of this wireless router is properly set, you'll see a 'Configured' message here. Otherwise, you'll see 'UnConfigured'.

Self Pin Code This is the WPS PIN code of the wireless router. You may need this information when connecting to other WPS-enabled wireless devices.

SSID This is the network broadcast name (SSID) of the router.

Authentication Mode It shows the active authentication mode for the wireless connection.

Passphrase Key

It shows the passphrase key that is randomly generated by the wireless router during the WPS process. You may need this information when using a device which doesn't support WPS.

WPS via Push Button

Press the button to start the WPS process. The device will wait for the WPS request from the wireless devices within 2 minutes.

WPS via PIN

You can fill-in the PIN code of the wireless device and press the button to start the WPS process. The router will wait for the WPS request from the wireless device within 2 minutes.

TOOLBOX SETTINGS

System

This device provides some control functions including password, IP address management, and DHCP server function. Please go to Toolbox, and open the 'System' tab, to access these functions. Below are detailed descriptions of every control function.

The screenshot shows the web interface for a wallmount access point N300. The page title is "wallmount access point N300" and the SITECOM logo is in the top right. The navigation menu includes Home, Basic Settings, Advanced Settings, Toolbox, and HomePlug. The "System" tab is selected, with sub-tabs for Back-up, Upgrade, and Reboot. The main content area contains the following settings:

This page allows you to set your password and change the IP Address of the LN-554

Password Settings

Current password :	<input type="password"/>
New Password :	<input type="password"/>
Confirm password :	<input type="password"/>

IP management

DHCP Client :	Enable ▾
IP Address :	10.0.0.105
Subnet Mask :	255.255.255.0
Default Gateway :	0.0.0.0
Domain name :	sitecom.plug

DHCP Server

DHCP Server :	Disabled ▾
DHCP Default Gateway :	10.0.0.105
DNS Address :	0.0.0.0
DHCP client start address :	169.254.168.100
DHCP client end address :	169.254.168.200
Lease time :	One Day ▾

Password Settings You can change the password used to enter the web configuration menu of this device. Please input the current password in the 'Current Password' field, then input a new password in both the 'New Password' and the 'Re-Enter Password' field. After you finish, please go to the bottom of the page and click 'Apply'.

IP Management You can change the IP address of this device, so it can become a part of your local network. Please remember this address or you will not be able to connect the configuration menu of device. The default configuration is set to DHCP client.

DHCP Server If you want to activate the DHCP server function of this device, please select 'Enabled' in the 'DHCP Server' option, and see the next

Section for detailed instructions. If you don't want to use the DHCP server function of this device, or there's another DHCP server on the network this device connects to, please select 'Disable'. After you finish, please go to the bottom of this page and click 'Apply'.

DHCP Server

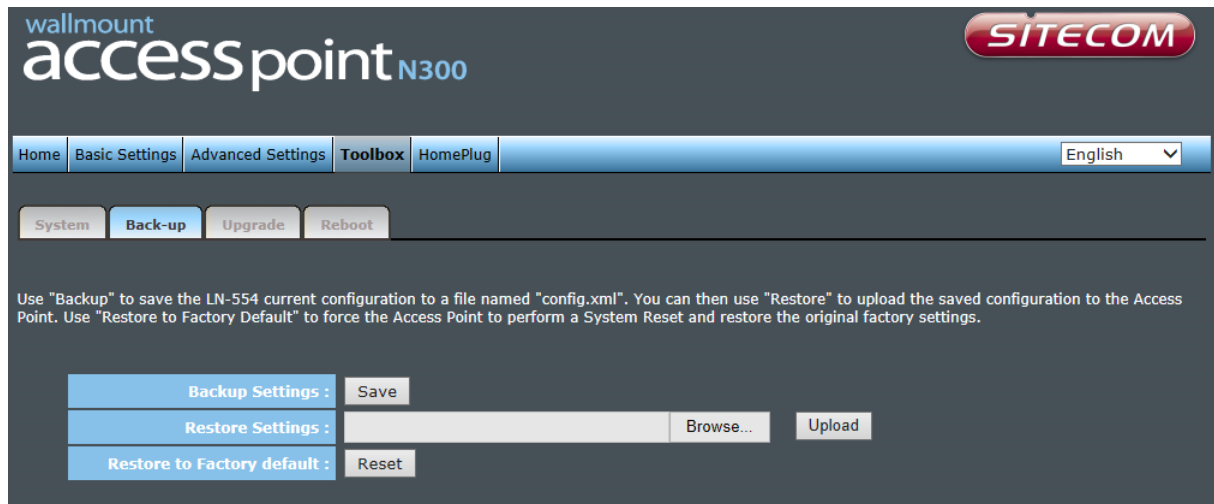
This device is capable to act as a DHCP server for your network.

Default Gateway	Please input the IP address of default gateway of your network here.
DNS Address	Please input the IP address of domain name server (DNS) here.
DHCP Client Start Address	Please input the start IP address of the IP range.
DHCP Client End Address	Please input the end IP address of the IP range.
Domain Name	If you wish, you can also optionally input the domain name for your network. This is optional.
Lease Time	Please choose a lease time (the duration that every computer can keep a specific IP address) of every IP address assigned by this access point from dropdown menu.

After you finish, please click 'Apply'.

Backup

You can back up all configurations of this device to a file, so you can make several copies of access point configuration for security reasons.



Backup Settings

Press 'Save...' button, and you'll be prompted to download the configuration as a file. The default filename is 'config.bin'. You can save it as another filename for different versions, and keep it in a safe place.

Restore Settings

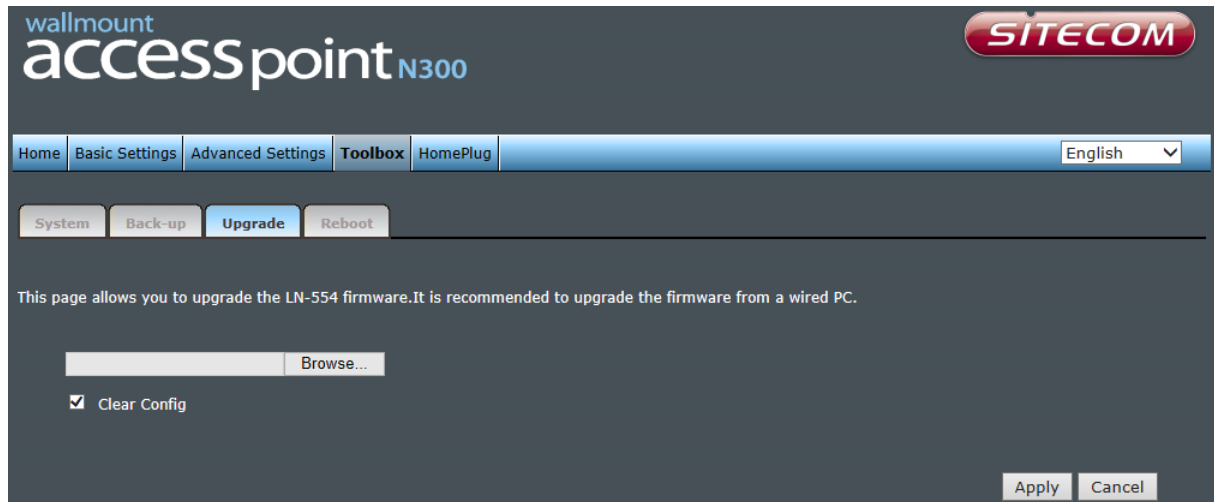
Press 'Browse...' to pick a previously-saved configuration file from your computer, and then click 'Upload' to transfer the configuration file to the device. After the configuration is uploaded, the configuration will be replaced by the file you just uploaded.

Restore to Factory Default

Click this button to remove all settings you made and restore the configuration of this device back to factory default settings.

Upgrade

If there is a new firmware available, you can upload the firmware to the device to get extra functions or problem fixes.



The screenshot shows the web interface for upgrading the firmware of a wallmount accesspoint N300. The interface is dark-themed with a blue header. The header includes the 'wallmount accesspoint N300' logo on the left and the 'SITECOM' logo on the right. Below the header is a navigation menu with tabs for 'Home', 'Basic Settings', 'Advanced Settings', 'Toolbox', and 'HomePlug'. A language dropdown menu is set to 'English'. Below the navigation menu are four buttons: 'System', 'Back-up', 'Upgrade', and 'Reboot'. The 'Upgrade' button is highlighted. The main content area contains the following text: 'This page allows you to upgrade the LN-554 firmware. It is recommended to upgrade the firmware from a wired PC.' Below this text is a file upload area with a text input field and a 'Browse...' button. There is a checked checkbox labeled 'Clear Config'. At the bottom right of the form are 'Apply' and 'Cancel' buttons.

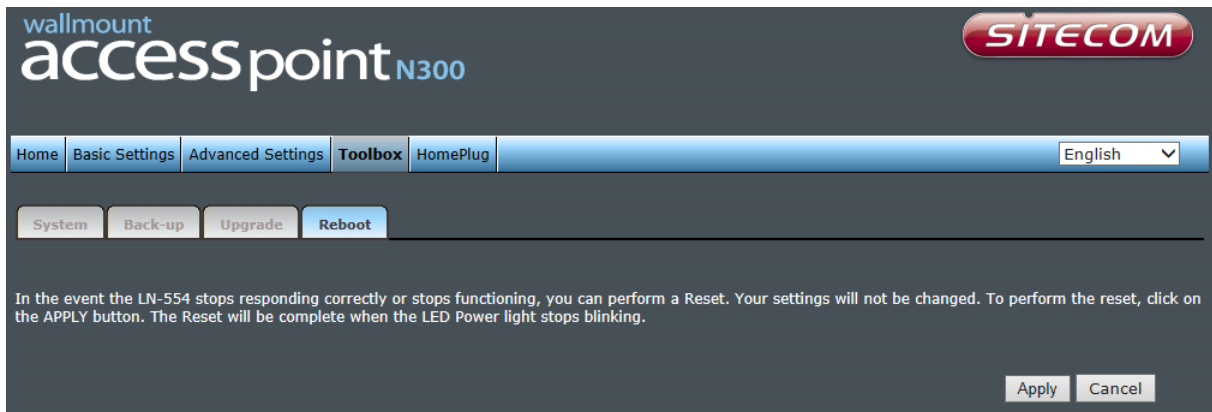
Click the 'Browse' button. You'll be prompted to provide the filename of the firmware upgrade file. Please download the latest firmware file from our website, and use it to upgrade your device.

After a firmware file is selected, click the 'Apply' button, and the device will start the firmware upgrade procedure automatically. The procedure may take several minutes, so please be patient.

NOTE: Never interrupt the upgrade procedure by closing the web browser or physically disconnecting your computer from the device.

Reset

When you think the device is not working properly, you can use this function to restart the device; this may help and solve the problem.



This function is useful when the device is far from you or unreachable. However, if the device is not responding, you may have to switch it off by unplugging the power plug and plugging it back again after 10 seconds.

Addendum: Declaration of Conformity



Sitecom Europe BV

EC Declaration of Conformity

We
Sitecom Europe BV
Linatebaan 101
3045 AH Rotterdam
The Netherlands

Hereby declare under our sole responsibility that the Sitecom product:

Product number: LN-554 v1 001
Product description: Wi-Fi Homeplug 500 Mbps

To which this declaration relates is in conformity with the requirements of the following standards:

CE/LVD
· EN 60950-1: 2006+A11 (2009)

CE/EMC
· EN 55022 2006 +A1 (2007)
· EN 55024 1998 +A1 (2001) +A2 (2003)
· EN 61000-3-2 2006 +A1 (2009) +A2 (2009)
· EN 61000-3-3 2008
· EN 50412-2-1 2005

This certifies that the following designated Sitecom product:

Product description: Wi-Fi Homeplug 500 Mbps
Product No.: LN-554 v1 001

Complies with the requirements of the following directives and carries the CE marking accordingly:
EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC.

Sitecom Europe B.V.
Rotterdam, 11 February 2013

M. Bergwerff,

COO



UK CE COMPLIANCE

Hereby Sitecom Europe BV declares that this product is in accordance with essential requirements and other relevant terms of the European regulation 1999/5/EC.

FR CONFORMITE CE

Par la présente Sitecom Europe BV, déclare que l'appareil est conforme aux exigences essentielles et aux dispositions pertinentes de la Directive Européenne 1999/5/EC.

DE CE-KONFORMITÄT

Hiermit erklärt Sitecom Europe BV, dass dieses Produkt die erforderlichen Voraussetzungen und andere relevante Konditionen der europäischen Richtlinie 1999/5/EC erfüllt.

IT CONFORMITA ALLE NORME CE

Con la presente Sitecom Europe BV dichiara che questo prodotto è conforme ai requisiti essenziali e agli altri termini rilevanti della Direttiva Europea 1999/5/EC.

NL CE GOEDKEURING

Hierbij verklaart Sitecom Europe BV dat dit product in overeenstemming is met de essentiële eisen en andere relevante bepalingen van Europese Richtlijn 1999/5/EC.

ES CONFORMIDAD CON LA CE

Por la presente Sitecom Europe BV declara que este producto cumple con los requisitos esenciales y las otras provisiones relevantes de la Directiva Europea 1999/5/EC.

PT CONFORMIDADE CE

Pela presente a Sitecom Europe BV declara que este produto está em conformidade com os requisitos essenciais e outras condições relevantes da regulamentação Europeia 1999/5/EC.

SE CE-FÖRSÄKRAN

Härmed försäkras Sitecom Europe BV att denna produkt uppfyller de nödvändiga kraven och andra relevanta villkor EU-direktivet 1999/5/EC.

DK OVERENSSTEMMELSESERKLÆRING

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Addendum: GNU/GPL Leaflet

Parts of the firmware of the LN-554 WiFi Homeplug are subject to the [GNU general public license](#).

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Specifically, the following part of this product is subject to the GNU GPL:

#	Package name	Source
1	Linux v2.6.31	www.kernel.org
2	busybox v1.6.1	http://www.busybox.net/
3	iptables v1.3.8	http://www.netfilter.org/projects/iptables/index.html
4	zlib v1.2.3	http://www.zlib.net/
5	ppp-pppoe v2.4.3	http://ppp.samba.org
6	argp-standalone lib v1.3	https://github.com/jahrome/argp-standalone
7	dhcp-forwarder v0.4	http://www.nongnu.org/dhcp-fwd/
8	memwatch v2.71	http://sourceforge.net/projects/memwatch/
9	arptables v0.0.3-4	http://sourceforge.net/projects/eatables/files/arptables/
10	dproxy-nexgen	http://sourceforge.net/projects/dproxy/
11	mini_httpd v1.19	http://acme.com/software/mini_httpd/
12	msntp v1.6	http://www.hpcf.cam.ac.uk/export/
13	eatables v2.0.9-2	http://eatables.sourceforge.net/
14	openssl v0.9.8h	http://www.openssl.org/
15	zebra v0.95a	http://www.gnu.org/software/zebra/
16	bridge-utils v1.2	http://sourceforge.net/projects/bridge/
17	ethtool	https://www.kernel.org/pub/software/network/ethtool/
18	siproxd v0.5.10-6	http://siproxd.sourceforge.net/
19	wget v1.10.1	http://www.gnu.org/software/wget/
20	libosip v2-2.0.9	http://www.gnu.org/software/osip/

Availability of source code

Sitecom Europe BV has made available the full source code of the GPL licensed software, including any scripts to control the compilation and installation of the object code on the Sitecom website (www.sitecom.com).

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