



How to upgrade the SNA6500 Wireless Base Station firmware



The last SNA6500/00 and SNA6500/05 firmware which can be downloaded from Philips website are:

V0.54 for SNA6500 version with a round power button

V0.17 for SNA6500 version with a square power button

For SNA6500/18, please check on this website: [LINK](#)

This How-to manual will answer the following questions:

- 1. Why should I upgrade my SNA6500 firmware?**
- 2. How do I know which SNA6500 version I have?**
- 3. How do I know which firmware version I have in my SNA6500?**
- 4. How do I know what the latest firmware is?**
- 5. How do I upgrade to the latest firmware?**
- 6. Your SNA6500 Wireless Base Station firmware is now upgraded.**



How to upgrade the SNA6500 Wireless Base Station firmware

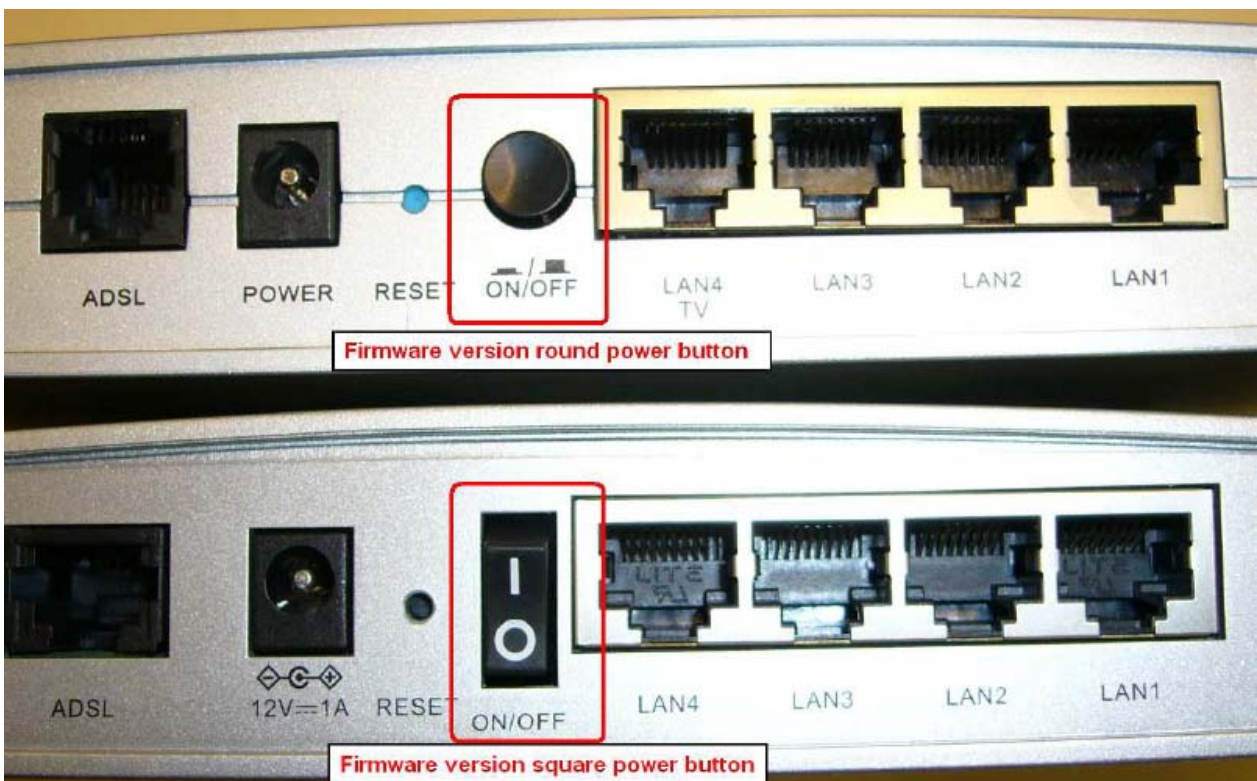
1. Why should I upgrade my SNA6500 firmware?

- To add new functionality.

2. How do I know which SNA6500 version I have?

The SNA6500 has been produced in two versions:

- One with a round power button.
- One with a square power button.





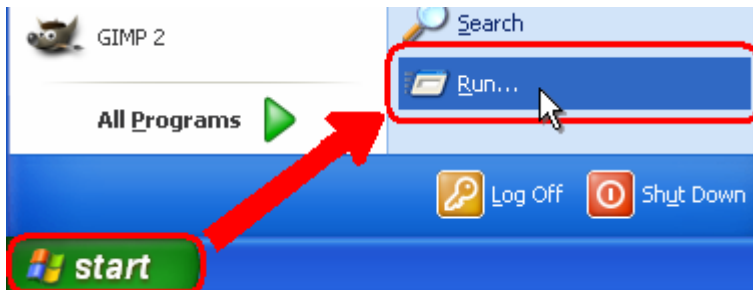
How to upgrade the SNA6500 Wireless Base Station firmware

3. How do I know which firmware version I have in my SNA6500?

- Make sure your PC is connected to your Wireless Base Station (either by Wi-Fi or by Ethernet)

3.1 Determine the IP address of your SNA6500 Wireless Base Station.

- Click on your PC **Start** => **Run**



- Type **cmd** and click OK.
- type **ipconfig** followed by Enter.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    IP Address. . . . .               : 192.168.2.16
    Subnet Mask . . . . .             : 255.255.255.0
    Default Gateway . . . . .         : 192.168.2.1
C:\>
```

- The Default Gateway shows the IP address of the Wireless Base Station (192.168.2.1 in this example).



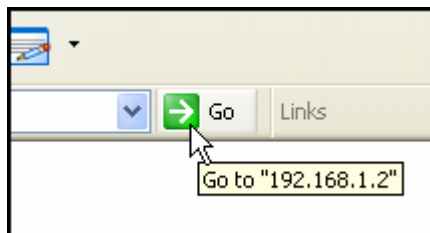
How to upgrade the SNA6500 Wireless Base Station firmware

3.2 Browse to your SNA6500 Wireless Base Station.

- Open Internet Explorer and type the Default Gateway address (192.168.2.1 in this example) in the Address bar.



- Click "GO".



You should now see the setup page.

3.3 On the Home network Setting page, click on Status and you can find the firmware version.

INFORMATION	
Numbers of DHCP Clients	0
Runtime Code Version	0.53 (Oct 26 2006 21:17:06)
Boot Code Version	0.68.0
ADSL Modem Code Version	06.01.04.00A
LAN MAC Address	00-12-BF-26-A1-43
Wireless MAC Address	00-12-BF-26-A1-45
WAN MAC Address	00-12-BF-26-A1-44
Hardware Version	01
Serial Num	J612044971



How to upgrade the SNA6500 Wireless Base Station firmware

4. How do I know what the latest firmware is?

- Check the Philips support site for the SNA6500 Wireless Base Station regularly.
To download new software version, please click on the following link:

<http://www.p4c.philips.com/cgi->

[bin/dcbint/get?id=SNA6500/00&doctype=fus&redirect=1](http://www.p4c.philips.com/cgi-bin/dcbint/get?id=SNA6500/00&doctype=fus&redirect=1) *

- Unzip the files and store them in your PC and compare with your firmware version.



Warning: Should you encounter any difficulty to open this link, please check your current version of Adobe Acrobat Reader. For an optimal use, we recommend to run the document under version 7.0 minimum. If you cannot, or if you do not wish to upgrade your Adobe Acrobat Reader version, please type in the complete link in your Internet Explorer, to open the document.

5. How do I upgrade to the latest firmware?

- Make sure your PC is connected to your Wireless Base Station (either by Wi-Fi or by Ethernet)
From Status page, Click on "Advanced Settings".

The screenshot shows the Philips Advanced Setup web interface. The top navigation bar includes the Philips logo, the title "ADVANCED SETUP", and links for "Help", "Home", and "Logout". A left-hand menu contains several categories: "SETUP WIZARD", "ADSL / Internet Settings", "Security", "Home Network Settings", "Status", "Network Settings", "Wireless", and "Advanced Settings" (which is highlighted with a red box). The main content area is titled "Status" and contains the following text: "You can use the Status screen to see the connection status for the router's WAN/LAN interfaces, firmware and hardware version numbers, any illegal attempts to access your network, as well as information on all DHCP client PCs currently connected to your network." Below this text is a bullet point: "• Current Time: 2003-08-01 00:00:08". Under the "INTERNET" section, there is a sub-section for "ADSL / ISP" with the following details: VPI/VCI: 8/35, Encapsulation: LLC, Protocol: PPPoE, IP Address: Down, Subnet Mask: ---, Gateway: ---, Primary DNS: ---, and Secondary DNS: ---. At the bottom of this section are two buttons: "Disconnect" and "Connect".



How to upgrade the SNA6500 Wireless Base Station firmware

Click first on "Maintenance" then "Firmware Upgrade".

The screenshot shows the Philips Advanced Setup web interface. The top navigation bar includes the Philips logo, the title "ADVANCED SETUP", and links for "Help", "Home", and "Logout". A left sidebar menu lists various settings categories: "SETUP WIZARD", "ADSL / Internet Settings", "Security", "Home Network Settings", "Advanced Settings", "NAT", "Maintenance", "Configuration Tools", "Firmware Upgrade", "Reset", "System", "SNMP", "UPNP", "QoS", "DDNS", and "Routing". The "Maintenance" and "Firmware Upgrade" items are highlighted with red boxes. The main content area is titled "Tools Settings" and contains the text: "This page allows you to backup, restore, reset, and upgrade the router's firmware."

Click on " Browse"

The screenshot shows the Philips Advanced Setup web interface at the "Firmware Upgrade" page. The top navigation bar is the same as in the previous screenshot. The left sidebar menu is also the same, but "Maintenance" and "Firmware Upgrade" are now selected. The main content area is titled "Firmware Upgrade" and contains the text: "This tool allows you to upgrade the router firmware. You can download the latest firmware from [the philips support site](#). The product code is SNA6500." Below this text, there is a form with a "Firmware File" label and an input field. A "Browse..." button is highlighted with a red box. Below the input field, there are two buttons: "BEGIN UPGRADE" and "CANCEL".



How to upgrade the SNA6500 Wireless Base Station firmware

Browse to the place where you've saved the new SNA6500 firmware in your PC.

1. Select the new SNA6500 firmware (round powers button for this example).
2. Click "Open"

The screenshot shows the Philips Advanced Setup interface. The main window is titled "Firmware Upgrade" and contains instructions: "Download the latest firmware from [the philips support site.](#) Enter the path and name, or browse to the location, of the upgrade file then click the BEGIN UPGRADE button. You will be prompted to confirm the upgrade to complete the process." Below the text are fields for "Firmware File" and "Browse...", and buttons for "BEGIN UPGRADE" and "CANCEL".

A Windows file explorer window is overlaid on the setup page. The window title is "Choose file" and the address bar shows "Firmware round power button". The file list contains one entry: "SNA6500-A-fw-v0_54.bin" (BIN File, 1 101 KB). The "Open" button at the bottom of the file explorer is highlighted with a red box.

Click on "BEGIN UPGRADE".

This screenshot shows the same Philips Advanced Setup interface. The "Firmware File" field now contains the path "C:\Firmware round power button\SNA6500-A-fw-v0_54.t". The "BEGIN UPGRADE" button is highlighted with a red box.



How to upgrade the SNA6500 Wireless Base Station firmware

Wait until the update is finished.

The screenshot shows the Philips Advanced Setup web interface. The top left features the Philips logo. The top right has the text "ADVANCED SETUP" and navigation links for "Help", "Home", and "Logout". A left-hand navigation menu is visible, listing various settings categories: SETUP WIZARD, ADSL / Internet Settings, Security, Home Network Settings, and Advanced Settings. Under Advanced Settings, several options are listed with expandable arrows: NAT, Maintenance, Configuration Tools, Firmware Upgrade (which is currently selected), Reset, System, SNMP, UPNP, QoS, DDNS, and Routing. The main content area of the page displays the text "Processing, please wait.....", indicating that the firmware upgrade process is in progress.

6. Your SNA6500 Wireless Base Station firmware is now upgraded.

- You can check the update by control as in chapter 1.3.