



How to upgrade the SNA6640 Wireless Base Station firmware



The last SNA6640 firmware, which can be downloaded from Philips, website is: V0.31

This How-to manual will answer the following questions:

- 1. Why should I upgrade my SNA6640 firmware?**
- 2. How do I know which firmware version I have in my SNA6640?**
- 3. How do I know what the latest firmware is?**
- 4. How do I upgrade to the latest firmware?**
- 5. Your SNA6640 Wireless Base Station firmware is now upgraded.**



How to upgrade the SNA6640 Wireless Base Station firmware

1. Why should I upgrade my SNA6640 firmware?

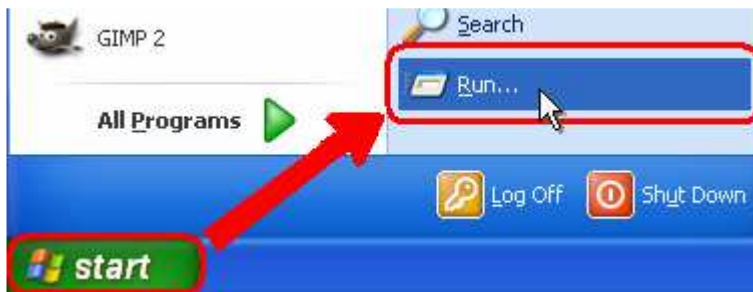
- In order to improve WIFI range.

2. How do I know which firmware version I have in my SNA6640?

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

2.1 Determine the IP address of your SNA6640 Wireless Base Station.

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



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

```
Command Prompt
Microsoft Windows [Version 6.0.6000]
Copyright (c) 2006 Microsoft Corporation. All rights reserved.

C:\Users\admin32>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . . . : 
    Link-local IPv6 Address . . . . . : fe80::20c3:98e6:5685:7619%8
    IPv4 Address. . . . . : 192.168.1.2
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1
```

- The Default Gateway shows the IP address of the Wireless Base Station (192.168.1.1 in this example).



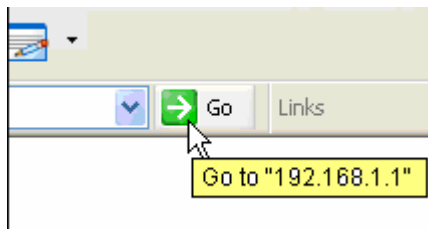
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2.2 Browse to your SNA6640 Wireless Base Station.

- Open Internet Explorer and type the Default Gateway address (192.168.1.1 in this example) in the Address bar.



- Click "GO".



You should now see the setup page.

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

PHILIPS SNA6640		ADVANCED SETU
		Help Home © Lo
SETUP WIZARD	INFORMATION	
ADSL / Internet Settings	Numbers of DHCP Clients	1
Security	Runtime Code Version	0.28a (Jul 4 2006 19:07:25)
Home Network Settings	Boot Code Version	V1.14.0S
• Status	ADSL Modem Code Version	A2pB021.d17m
• Network Settings	LAN MAC Address	00-12-BF-30-C0-E7
• Wireless	Wireless MAC Address	00-12-BF-30-C0-E7
Advanced Settings	WAN MAC Address	00-12-BF-30-C0-E8
	Hardware Version	01
	Serial Num	J629022581



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

- Check the Philips support site for the SNA6640 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=SNA6640/00&doctype=fus&redirect=1](http://www.p4c.philips.com/cgi-bin/dcbint/get?id=SNA6640/00&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.

4. 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".

PHILIPS SNA6640		ADVANCED SET
SETUP WIZARD	INFORMATION	
ADSL / Internet Settings	Numbers of DHCP Clients	1
Security	Runtime Code Version	0.28a (Jul 4 2006 19:07:25)
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Advanced Settings	WAN MAC Address	00-12-BF-30-C0-E8
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Click first on "Maintenance" then "Firmware Upgrade".

The screenshot shows the Philips SNA6640 Advanced Settings interface. The top navigation bar includes the Philips logo, the model number SNA6640, and the text "ADVANCED SET". On the right side of the bar, there are links for "Help" and "Home". A left-hand sidebar menu lists various settings categories: SETUP WIZARD, ADSL / Internet Settings, Security, Home Network Settings, and Advanced Settings. Under Advanced Settings, several sub-items are listed: NAT, Maintenance (highlighted with a red box), Configuration Tools, Firmware Upgrade (highlighted with a red box), Reset, System, SNMP, and UPNP. The main content area is titled "Maintenance Tools" 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 SNA6640 Firmware Upgrade page. The top navigation bar is identical to the previous screenshot. The left-hand sidebar menu is expanded to show the "Firmware Upgrade" option under the "Maintenance" category, which is highlighted with a red box. The main content area is titled "Firmware Upgrade" and contains the following text: "This tool allows you to upgrade the router firmware. You can download the latest firmware from [the philips support](#). The product code is SNA6640." Below this text, there is a form with a label "Firmware File" and an empty text input field. To the right of the input field is a "Browse..." button, which is highlighted with a red box. Below the input field and the "Browse..." button are two buttons: "BEGIN UPGRADE" and "CANCEL".



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Browse to the place where you've saved the new SNA6640 firmware in your PC.

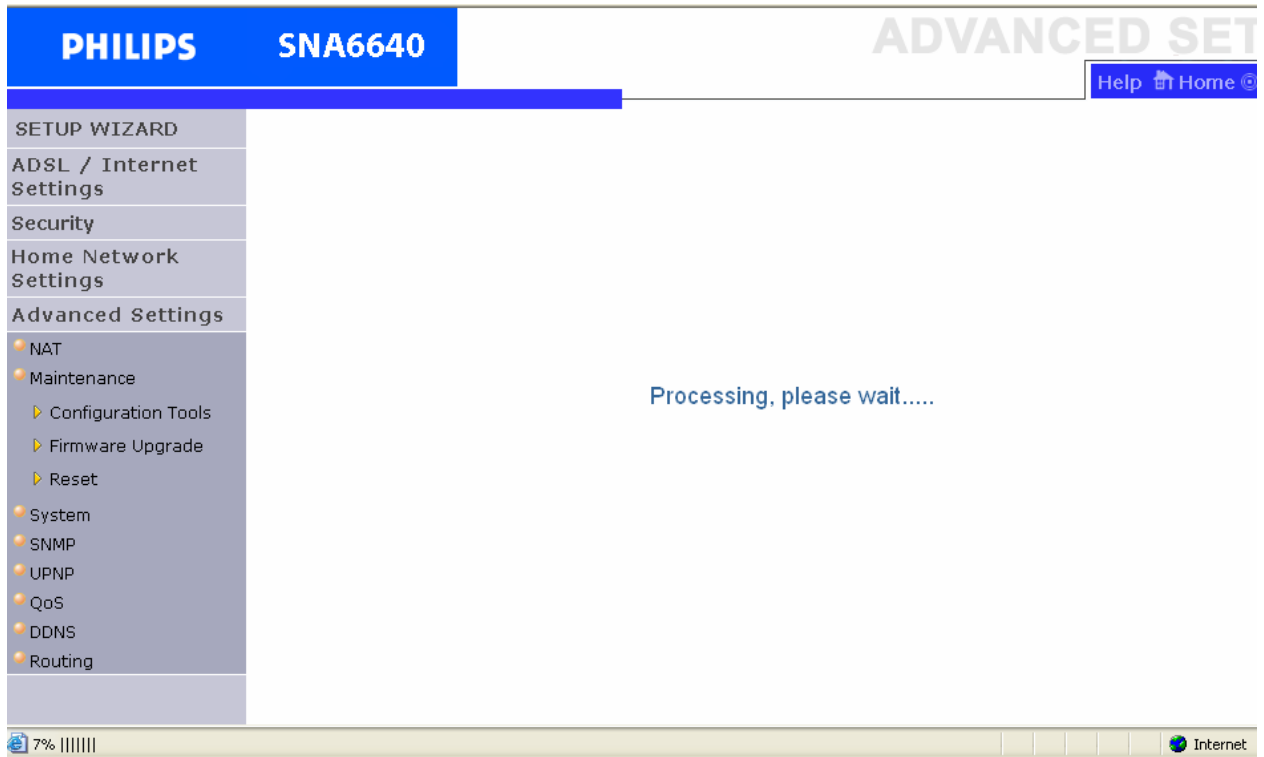
1. Select the new SNA6640 firmware.
2. Click "Open"

The screenshot shows the Philips SNA6640 Advanced Setup Wizard. The 'Firmware Upgrade' section is active. A Windows Explorer window is open, displaying the file 'SNA6640_W0_31.bin' in the 'SNA6640' folder on the local disk. The 'Open' button in the Explorer window is highlighted with a red box. In the background, the 'BEGIN UPGRADE' button on the setup wizard is also highlighted with a red box.

Click on "BEGIN UPGRADE".

The screenshot shows the Philips SNA6640 Advanced Setup Wizard. The 'Firmware Upgrade' section is active. The 'Firmware File' field is populated with 'C:\SNA6640\SNA6640_W0_31.bin'. The 'BEGIN UPGRADE' button is highlighted with a red box.

Wait until the update is finished.



6. Your SNA6640 Wireless Base Station firmware is now upgraded.

- You can check the update by control as in chapter 2.3.