



How to upgrade the CGA7740N Wireless Base Station firmware



The last CGA7740N/00 and CGA7740N/05 firmware which can be downloaded from Philips website is: V 0.13

This How-to manual will answer the following questions:

- 1. Why should I upgrade my CGA7740N firmware?**
- 2. How do I know which firmware version I have in my CGA7740N?**
- 3. How do I know what the latest firmware is?**
- 4. How do I upgrade to the latest firmware?**
- 5. Your CGA7740N Wireless Base Station firmware is now upgraded.**



How to upgrade the CGA7740N Wireless Base Station firmware

1. Why should I upgrade my CGA7740N firmware?

- To add new functionality or to fix some issues.

Issues Problems fixed:

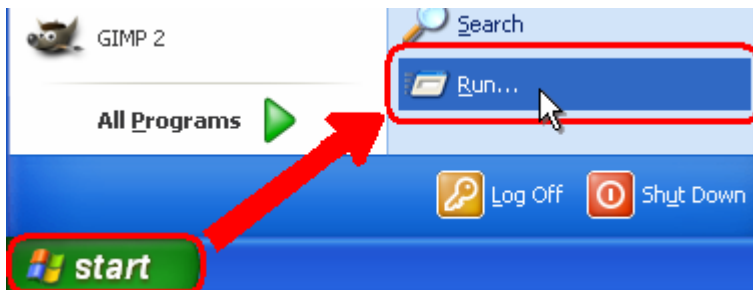
1. UCP protocol can set MTU, VPI, VCI of PPPoA correctly (CD install).
2. Fix NTC bugs

2. How do I know which firmware version I have in my CGA7740N?

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

2.1 Determine the IP address of your CGA7740N 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 .



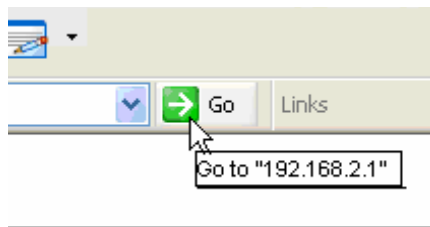
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2.2 Browse to your CGA7740N Wireless Base Station.

- Open Internet Explorer and type the Default Gateway address in the Address bar.



- Click **GO**.



You should now see the setup page.

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

PHILIPS		HOME NETWORK SETTINGS	
		Help Home Logout	
SETUP WIZARD			
ADSL / Internet Settings			
Security			
Home Network Settings			
Status			
Network settings			
Wireless			
Advanced Settings			
		INFORMATION	
	Numbers of DHCP Clients	1	
	Runtime Code Version	v0.12	(Feb 20 2008 17:50:16)
	Boot Code Version	V0.01	
	ADSL Modem Code Version	2.1.3.6.0.1	
	LAN MAC Address	00-1A-2A-C2-0F-13	
	Wireless MAC Address	00-1A-2A-C2-0F-14	
	WAN MAC Address	00-1A-2A-C2-0F-15	
	Hardware Version	01	
	Serial Num	J724319005	



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

- Check the Philips support site for the CGA7740N Wireless Base Station regularly. To download new software version, please click on the following link:

[LINK](#)*

- 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)

click first on “Advanced Settings” and “Yes, enter Advanced Mode” .

The screenshot shows the Philips Home Network Settings web interface. On the left is a navigation menu with the following items: PHILIPS, SETUP WIZARD, ADSL / Internet Settings, Security, Home Network Settings, and Advanced Settings. The 'Advanced Settings' item is highlighted with a red box and a red number '1'. The main content area displays a large red 'WARNING' message. Below the warning, the text reads 'Enter Advanced Mode' in blue, followed by a warning message: 'Changing some of the device settings in Advanced Mode may cause your device to become unresponsive. Do you want to proceed?'. At the bottom of the dialog, there are two buttons: 'Yes, enter Advanced Mode' (highlighted with a red box and a red number '2') and 'No'.



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Click on "Maintenance" then "Firmware Upgrade".

PHILIPS ADVANCED SETUP
Help Home Logout

SETUP WIZARD
ADSL / Internet Settings
Security
Home Network Settings
Advanced Settings
• NAT
• **Maintenance** ¹
 ▶ Configuration Tools
 ▶ **Firmware Upgrade** ²
 ▶ Reset
• System
• SNMP
• UPNP
• QoS
• DDNS
• Routing

Firmware Upgrade

This tool allows you to upgrade the router firmware. You can download the latest firmware from [the philips support site](#). The product code is CGA7740N.

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.

Firmware File

Click on "Browse"

PHILIPS ADVANCED SETUP
Help Home Logout

SETUP WIZARD
ADSL / Internet Settings
Security
Home Network Settings
Advanced Settings
• NAT
• Maintenance
 ▶ Configuration Tools
 ▶ Firmware Upgrade
 ▶ Reset
• System
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Firmware File



How to upgrade the CGA7740N Wireless Base Station firmware

Browse to the place where you've saved the new CGA7740N firmware in your PC.

1. Select the new CGA7740N firmware (version V0.13 in this example).
2. Click "Open"

The screenshot shows the Philips Advanced Setup interface. On the left is a navigation menu with categories like 'SETUP WIZARD', 'ADSL / Internet Settings', 'Security', 'Home Network Settings', and 'Advanced Settings'. The 'Firmware Upgrade' section is active. The main content area contains instructions: 'This tool allows you to upgrade the router firmware. The product code is CGA7740N. 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.' A file explorer window is overlaid on the page, showing the 'Choose file' dialog. The file 'CGA7740N_v0_13.bin' is selected and highlighted with a red box and the number '1'. The 'File name' field at the bottom of the dialog contains 'CGA7740N_v0_13.bin', and the 'Open' button is highlighted with a red box and the number '2'.

Click on "BEGIN UPGRADE".

This screenshot shows the same Philips Advanced Setup interface as the previous one, but with the file explorer removed. The 'Firmware File' field now contains the path 'C:\CGA7740N\CGA7740N_v0_13.bin'. The 'BEGIN UPGRADE' button is highlighted with a red box, indicating the next step in the process.



How to upgrade the CGA7740N Wireless Base Station firmware

Wait until the update is finished.

PHILIPS **ADVANCED SETUP**

Help Home Logout

SETUP WIZARD
ADSL / Internet Settings
Security
Home Network Settings
Advanced Settings
• NAT
• Maintenance
 ▶ Configuration Tools
 ▶ Firmware Upgrade
 ▶ Reset
• System
• SNMP
• UPNP
• QoS
• DDNS
• Routing

Your data is being saved

5. Your CGA7740N Wireless Base Station firmware is now upgraded.

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