1. Introduction

The Firmware Upgrade will upgrade WAC700 & WACS700's firmware to **Version 1.2.10.**

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2. Key features added

The software release 1.2.10 has provided a solution for CD ejection problem that has happened on a marginal number of CDs.

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3. Preparation

i) Verifying firmware version

Before upgrading, check the firmware version.

1. Turn on your WAC700 Center

2. Press **MENU**

3. Press ▲/▼ to select "**Information**". Press **OK**
   → The display shows the FW (firmware) version number
   → Upgrading is necessary if the FW version is an earlier one

Note: The firmware information is also useful when you call Philips Customer Care Center.

ii) Checking Wi-Fi connection

Wi-Fi connection between Center and Station:
- Check you have pressed **STANDBY-ON** to turn on WAC700 Center and WAS700 Station
- On Station, check you can playback tracks in **HD** mode
- On Station, check the signal indication shows maximum reception

Wi-Fi connection with the Wireless router/Access Point (if applicable):
- Check the Wireless router/Access Point is working if your Center is connected to PC via a Wireless router/Access Point

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4. Upgrading

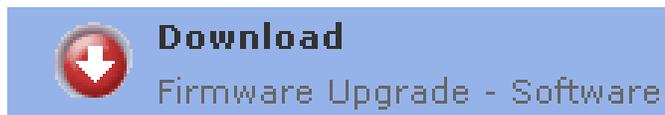You can upgrade the embedded firmware in 2 ways

A) Upgrading from CD-ROM
B) Upgrading from PC

A) Upgrading from CD-ROM
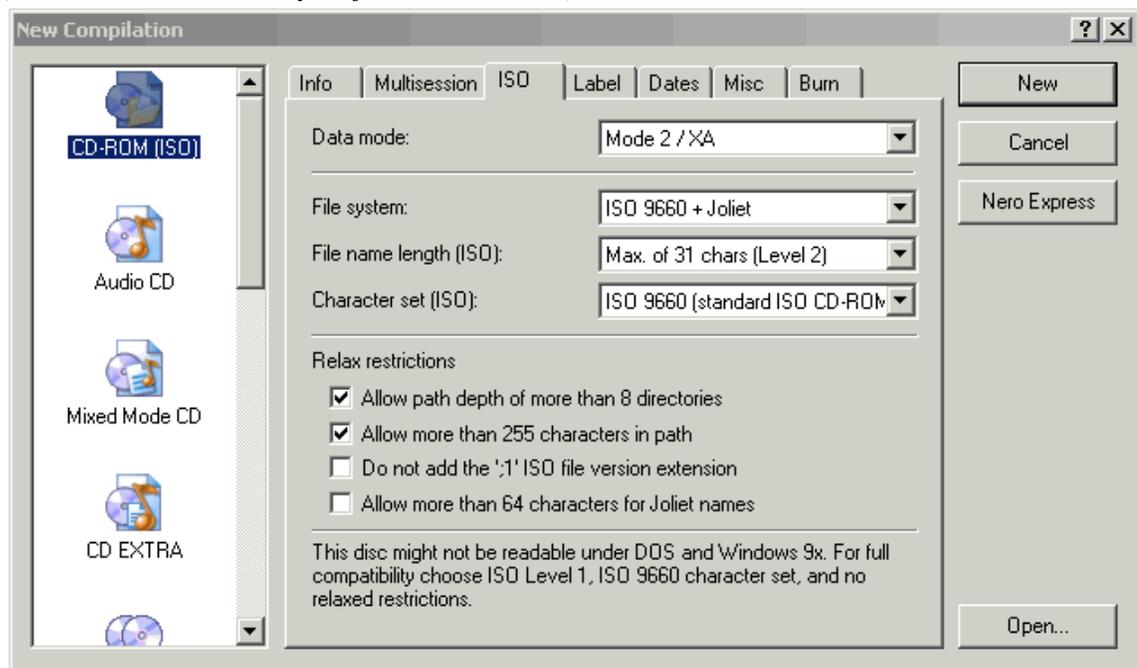
i) Prepare an upgrading CD

    1. Check you have the following tools:
- PC (Pentium III 300MHz processor or higher)
- CD-R/RW writer and writing application software
- Blank CD-R or CD-RW disc
- Internet access (broadband or high speed)

    2. Click the link to download Firmware Upgrade to your PC

    3. Unzip the .zip file
      *(**Note:**   - Do not rename the filename.*
                   - Visit http://www.winzip.com/ for downloads if you can not
                   open the .zip file.)

4. Write the extracted files – not the zip file – onto a blank CD-R or CD-RW disc, using the following settings:
   - File System CD-ROM Joliet
   - File name length : max 31 chars (ISO Level 2)
   - Mode : 2/XA
   - Character set : ASCII
   - Single session
   - Write Speed : Low
   - Finalized the disc. (The application may do this automatically.)
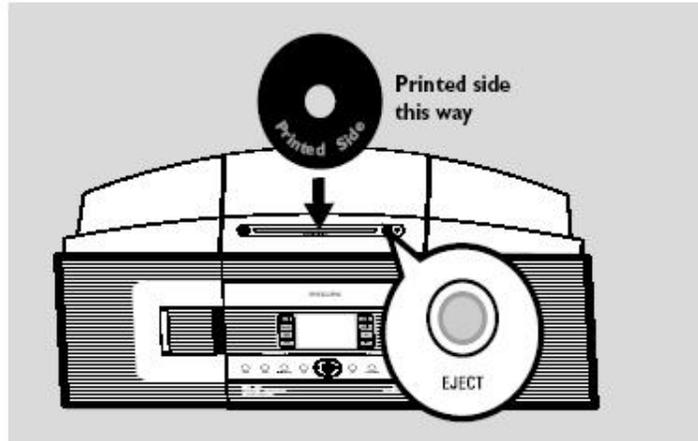
*(**Note:**   Make sure you finalize the CD)*

ii) Upgrade WACS700

Upgrade WAC700 Center:
1. Check WAC700 Center is on and WAS700 Station is off

2. On Center, insert the upgrading CD into the CD slot loader, with CD graphic printed side facing you

→ Upgrading starts automatically
→ The display shows "**Updating firmware, please wait……**".
   A progress bar appears
→ Center will reboot itself twice during the upgrading process
→ After about 5 minutes, Center returns to HD mode. The upgrading is completed
   (*Note: - Keep your Center turned on during the upgrading.*)

Upgrade WAS700 Station:
3. Press **STANDBY-ON** to turn WAS700 Station
   → Upgrading starts automatically
   → The display shows "**Updating firmware, please wait……**".
      A progress bar appears
   → Station will reboot itself twice during the upgrading process
   → After about 5 minutes, Station returns to HD mode. The upgrading is completed
      (*Note: - Keep your Station turned on during the upgrading.*)

Helpful hints:
   - *To check the firmware version, see* **Preparation: Verifying firmware version.**
   - If you have any problem, see troubleshooting.

B) Upgrading from PC

i) Download Firmware Upgrade to your PC

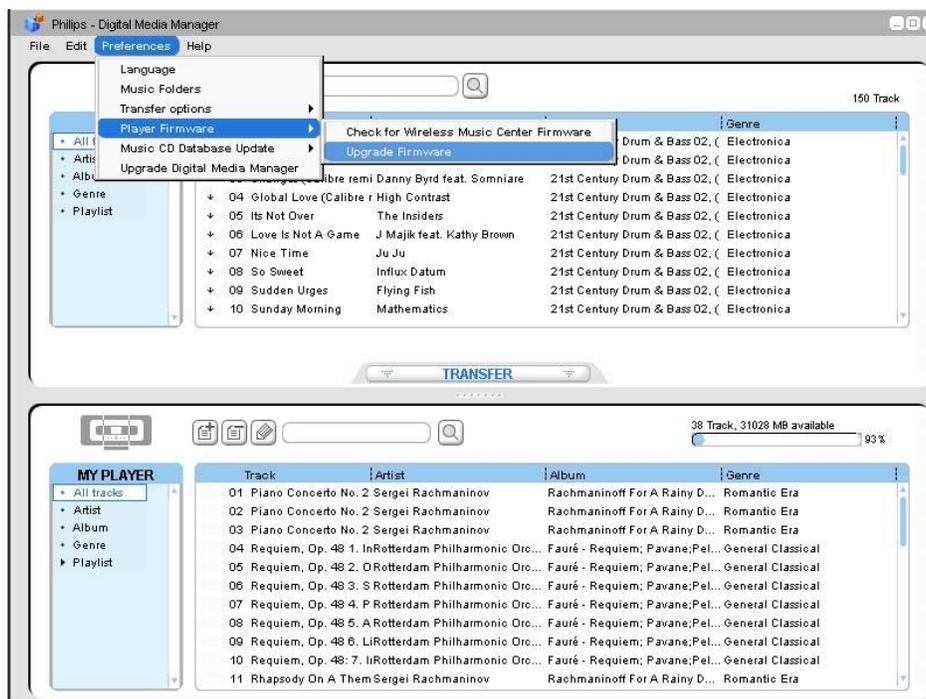1. Click the link to download Firmware Upgrade to your PC

2. Unzip the .zip file
   (***Note:*** *- Do not rename the filename.*
   *- Visit http://www.winzip.com/ for downloads if you can not
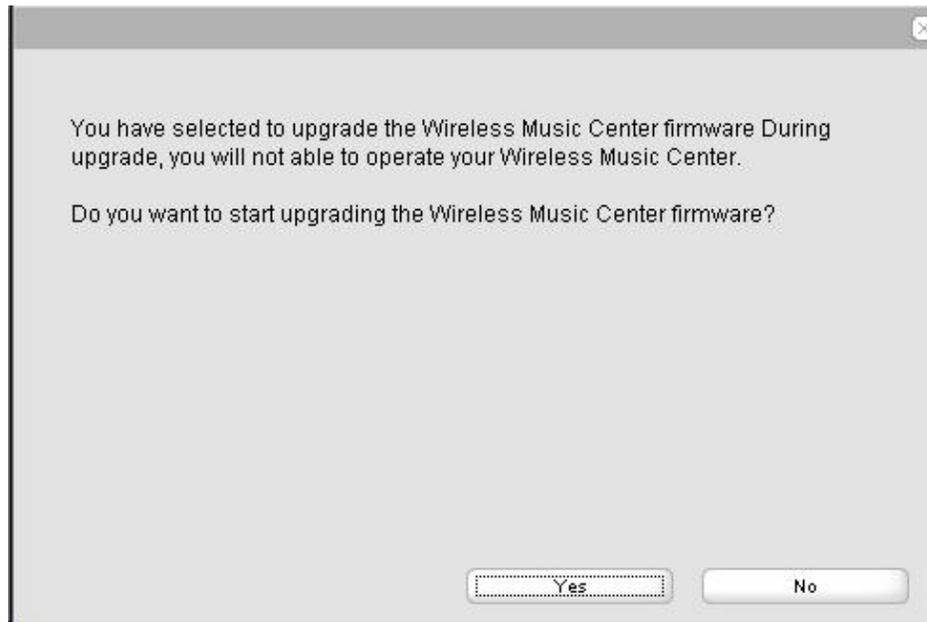   open the .zip file.)*
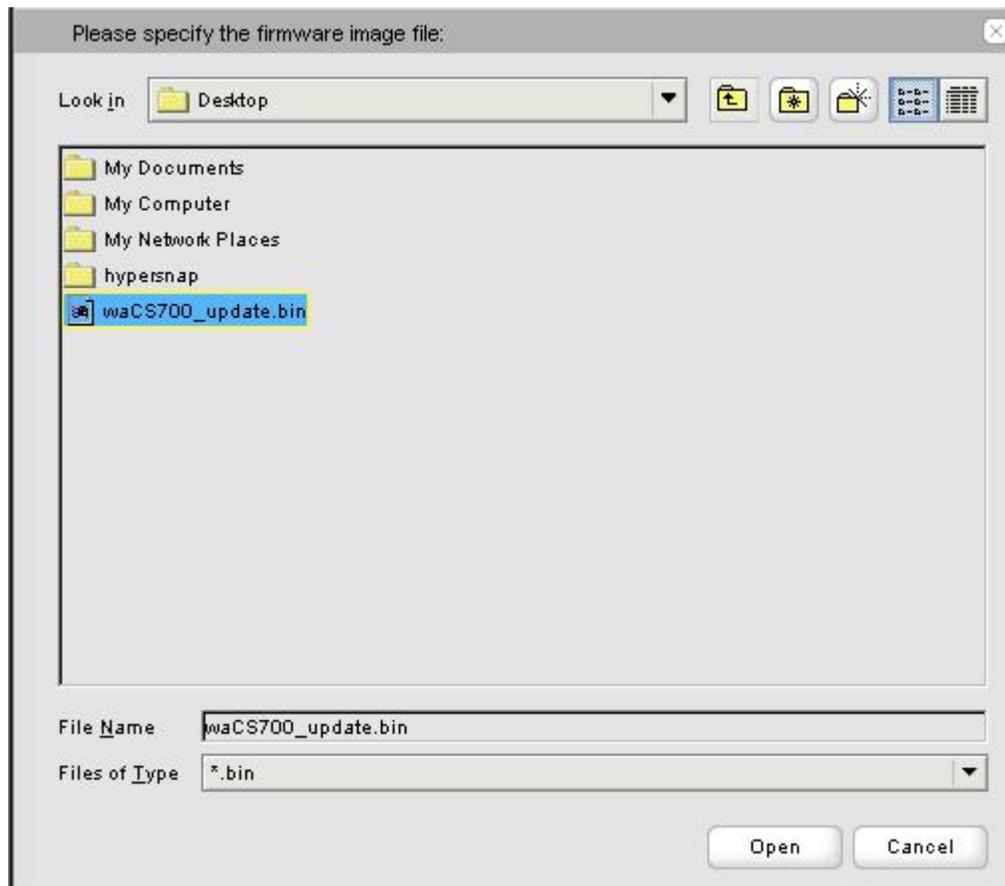
ii) Upgrade WACS700

Upgrade WAC700 Center:
1. Connect your PC and WAC700 Center using the supplied Ethernet
   cable

2. Launch the Digital Media Manager (DMM) on your PC

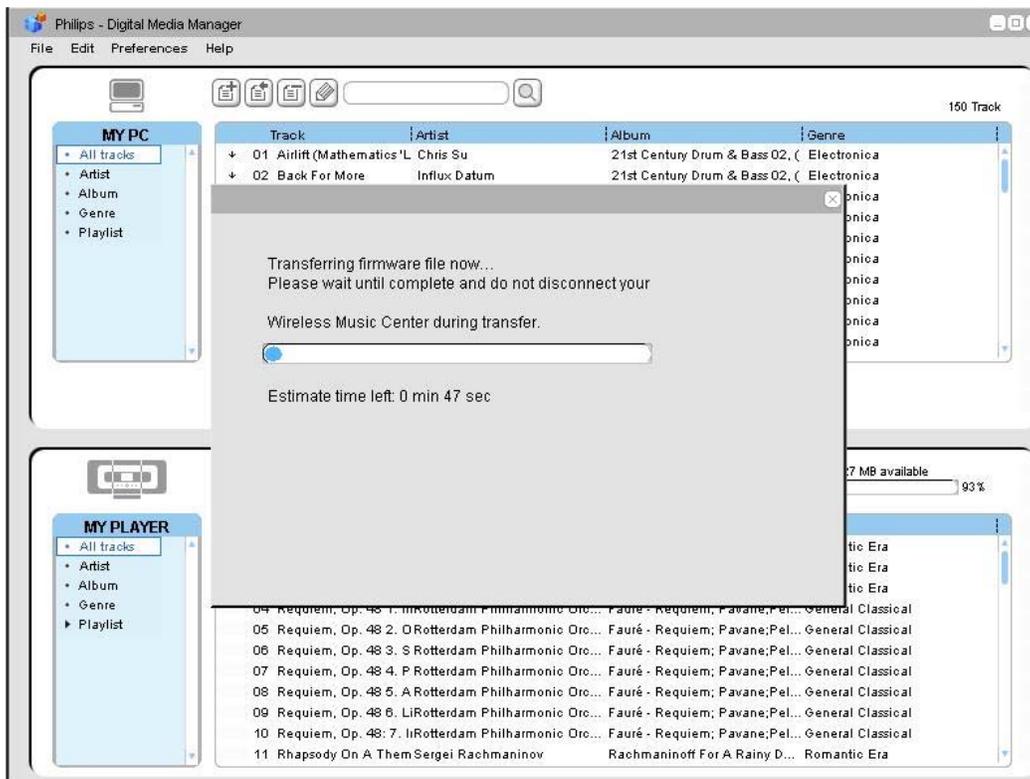3. Select **Preference → Player Firmware → Upgrade Firmware**

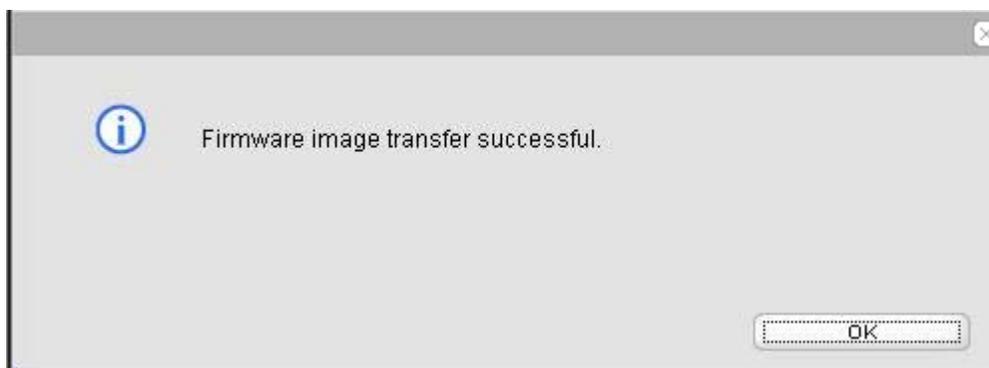4. Click **Yes** to start upgrading

5. Find the Firmware Upgrade file you stored in the PC. Click **Open**

→ You will start transferring the file to WAC700 Center

→ After file transferring is finished, upgrading starts automatically on
   WAC700 Center

→ The Center's display shows "**Updating firmware, please
    wait……**". A progress bar appears
→ Center will reboot itself twice during the upgrading process
→ After about 5 minutes, Center returns to HD mode. The upgrading is
    completed
   (***Note:***   *- Keep your Center turned on during the upgrading.*)

Upgrade WAS700 Station:
  6. Press **STANDBY-ON** to turn on WAS700 Station
        → Upgrading starts automatically
        → The display shows "**Updating firmware, please wait……**".
           A progress bar appears
        → Station will reboot itself twice during the upgrading process
        → After about 5 minutes, Station returns to HD mode. The upgrading is
           completed
      *(**Note:**   - Keep your Station turned on during the upgrading.)*

Helpful hints:
- *To check the firmware version, see* ***Preparation: Verifying firmware version.***
- If you have any problem, see [troubleshooting](#).

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5. Troubleshooting

If the Station's display shows: "***Firmware is damaged, restoring a new copy …***"
or "***Center is connected, retrieving firmware***"

Follow the DON'T below:
      a. **DON'T restore Center's setting** (Don't select "Menu" → "Setting"
          → "Restore Setting" on Center)
      b. **DON'T delete Stations** from Center (Don't select "Menu" →
          "Station Mgnt" → "Delete Station" on Center)
      c. **Do NOT change Center's Wi-Fi setting**

Then,

1. If the progress bar is moving on, wait and upgrading will start later on the Station

2. If the progress bar stops moving and/or Station's display shows "***Error Code xxx***", turn off the Station and then turn it on.

3. If Step 2's problem still exists, check there is no Wi-Fi interference around and reduce the distance between Center, Station and Wireless router/Access Point (if applicable)

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6. Firmware history

Version 1.2.10
- The software release 1.2.10 has provided a solution for CD ejection problem that has happened on a marginal number of CDs.

Version 1.2.6
- The software release 1.2.6 has improved certain software stability of WAC700.

Version 1.1.17
- Improved the CD slot loader mechanism to be more robust during insertion and ejection.

Version 1.1.15
- Improved Wi-Fi connection, shorten the connection time.
- Improved the CD slot loader mechanism to be more robust during insertion and ejection.

Version 1.1.10
- Firmware released later than the Version 1.0. Version 1.1.10 provides more stable Wi-Fi streaming for MP3 tracks

Note: If power failure occurs during CD ripping, you will lose all the tracks not compressed yet.

Version 1.0
- Firmware installed on the set delivered