Wireless Music Center + Station

WACS5

Connect to your PC

What you can do with your PC Installer CD ?

- Connect your WAC5 Center to your PC or home network directly, via wired router or via wireless access point
- Manage your music collection via Digital Media Manager (DMM), including:
 - Create and rename playlists/tracks, edit track information and transfer music files from PC to WAC5 Center
 - $\bullet\,$ Update Gracenote® music recognition service for the latest disc information
 - Obtain the latest DMM software and firmware upgrades for WACS5
- Register products for upgrades

PC system requirements

- Windows 2000/XP (Home or Professional)
- Pentium III 300MHz processor or higher
- Ethernet network adapter
- CD-ROM drive
- Free hard disk space: 100MB for the software

What else you'll need?





Supplied Ethernet cable (straight cable)

Supplied PC Installer CD

PHILIPS



Prepare for installation

On WACS5:

Check you have finished the Wi-Fi connection between **WAC5 Center** and **WAS5 Station** (See **Quick Start Guide**, Step A)



Check your **WAC5 Center** is switched on

On your PC or existing PC network:

Switch on the PC with administrator's privileges

2 Close all the software programs running on your PC

3 Insert the installer CD into your PC and select your desired language

- Press **Accept** if you accept the terms on the license
- On the Welcome page, press Next to enter the Software Installation page

Welcome Shoring Thomas Manuari and Kada Registri About urgendes The Characterisation for the you are using the operation balance in the shoring the shoring and the shoring manuality for your preduct and the investor the shoring manuality of the shoring manuality for your preduct and the investor and the shoring manuality of the shoring manuali

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Select Express Installation or Custom Installation

- For the first-time setup, select Express Installation. Both the PC connection and DMM will be installed.
- To change your installation option or re-install DMM, select Custom Installation.

S	
	Software Installation
	Please choose from the following installation options:
I FAQs	Express Installation Set up a connection between your Music Center to your PC directly or to your existin home network. Philips Digital Media Manager (DMM) will be also installed.
ides	Custom Installation Choose to change your Music Center's network settings or to install DMM.



Express Installation

Note:

Tips:

ance and security.

the above **4a** and **4b**.

- Option 2 and Option 3 are for users experienced in network installation.

Wireless connection

Choose this option if you want to connect Music Center to a wireless Router/ wireless Access Point or an existing wireless network

Check the wireless router/access point is working properly. Write down its SSID and also the WEP or WPA key if it is enabled in the router/access point

Click to select Music Center connect to Wireless Network

When prompted by the installation wizard, connect the supplied Ethernet cable (straight cable) the **ETHERNET** ports on Center and PC

When the screen on the right appears,

- a. Input the SSID you wrote down in the above step 1
- **b.** In WLAN Mode, click Infrastructure mode
- c. Input the WEP or WPA key you wrote down in the above **step 1**

Follow the screen instructions to finish the PC connection.

→ The screen shows: "The WiFi settings of Music Center have been changed. "

PHILIPS





ID:	Channel 11 Show current setting
/LAN Mode	IP Address
Infrastructure mode [access points, routers] C [peer to peer	e (* Obtain IP address automatically I) C. Assign IP address manually (6 consecutive addresse necessary)
Change WLAN security settings	First IP address: 0 . 0 . 0 .
No security C Use WEP key 64bits 10 each key	digits for Last IP address: 0 . 0 . 0 .
C Use WPA key C Use WEP key 128bits 26 each key	S digits for Subnet mask: 0 . 0 . 0 .
VEP Keys Activate the Transmit key. @ 1 @ 2 @	13 64
/EP Keys Activate the Transmit key: @ 1 @ 2 @ Key 1:	03€4 Key3
Activate the Transmit key: @ 1 @ 2 @ Key 1: Key 2:	0 3 @ 4 Key & Key 4:
EP Keys Activate the Transmit Keys @ 1 @ 2 @ Key 1: Key 2: (For Key 1 to Key 4, the valid characters as	5 5 € 4. Key3: Key4: €'05" and %F']
EP Keys Activate the Transmit Key. @ 1 @ 2 @ Key 1: Key 2: [For Key 1 to Key 4, the valid characters as TPA Key	5 3 6 4. Key 8 . Key 4 . 6'03''and''AF'ij
Activate the Transmit Key (P + C 2 C Key 1: Key 2 (For Key 1 to Key 4, the valid characters a (PDK Key (VPA Key only alow 8°53 characters)	2) C 4 Kay 2 Kay 4 Kay 4 (737 and 74P)
(PE Kay: Activate the Transmit key @ 1 @ 2 @ Kay 1: For Kay 1: (For Kay 1: 10 Kay 4, the valid characters ar (WPA Kay only allow 9%3 characters) Evil	23 0 4 Kg3 Kg4 (Net-

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To apply the new settings on the Music Center and the Station(s), do the following to let the Center and the Station(s) enter Installation mode

a) In Music Center's HD mode, nress MENI Land

The WiFi settings of Music Center have been changed.

b) In Music Station, press MENU and select 'Installation Mode'.

Click Next to continue

Express Installation

Express Installation provides **WAC5**'s standard PC connection. Select your installation option according to your existing home network. For quicker and easier installation, select Option 1.



Direct connection (recommended)

Choose this option if you do not have local network at home, either wired or wireless

Click to select Music Center connect to Standalone PC. no LAN/Wireless Network

When prompted by the installation wizard, connect the supplied Ethernet cable (straight cable) to the **ETHERNET**ports on Center and PC

- Follow the screen instructions to finish the PC connection.
 - → The screen shows: "The connection to your Music Center has been established"

Click **Next** to start **DMM** installation

 \rightarrow The icon **1** appears on your computer desktop after **DMM** installation is finished



The network settings on your PC have been set to fixed IP

Tips:

- For Option 1 only: If your PC is also connected to Internet via XDSL modem, exit DMM before starting Internet access.

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The connection to your Music Center has been established

Click Next to continue

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Software Installation

- It is strongly recommended that WEP key encryption be used for better network perform-

- To change Channel, input the SSID of your wireless network and select **Ad-hoc mode** in

- In Infrastructure mode, Channel is assigned automatically by the router/access point.



Express Installation





To apply new settings on WACS5, you need to let both Center and Station enter Installation Mode.

On Center:

- a Select HD
- **b.** Press and hold **STOP MENU** on the set
- **c.** Use the navigation controls \blacktriangle or \triangledown and \triangleright to enter Station Mgnt menu
- **d.** In **Station Mgnt** menu, use the navigation controls \blacktriangle or \checkmark and \triangleright to select **Add New** Station

On Station:

- **a**. Remove the Station's power plug and then, connect it to the power supply again → "Connecting to Center" appears
- **b.** Press **STOP** to enter the selection screen of Installation Mode and Select Server
- **c.** Use the navigation controls \blacktriangle or \triangledown and \triangleright to select Installation Mode

On Center:

Press **STOP/** to exit **Installation Mode** when Center has found all your stations

Click **Next** to start **DMM** installation.

→ The icon 👔 appears on your computer desktop after **DMM** installation is finished

Disconnect the supplied Ethernet cable from your PC and Center, and then, connect your PC to the wireless router/access point, if necessary

Option 3: $\blacksquare \rightarrow \blacksquare \rightarrow \blacksquare$

Wired connection

Choose this option if you want to connect Music Center to an existing wired network with wired router





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Software Installation

Music Center connect to Stand

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Check the wired router is working properly and enable its DHCP

Click to select Music Center connect to Wired Network

3 When prompted by the installation wizard, connect the supplied Ethernet cable (straight cable) to the **ETHERNET** ports on Center and PC

- When the screen on the right appears, select "Obtain an IP address automatically"
- Follow the screen instructions to finish the PC connection.

→ The screen shows: "The settings of Music Center have been changed......"

To apply new settings, you need to power off WAC5 Center, and then power it on again

Click **Next** to start **DMM** installation

→ The icon 🔝 appears on your computer desktop after **DMM** installation is finished

Disconnect the supplied Ethernet cable from your PC and Center, and then, connect your PC and Center to the wired router

88 Center **ETHERNET**

DHILIDS

You can have Music Center's IP settings assigned automatically or manually.

- · Obtain an IP address automatically
- C Assign IP address manually

IP address Subnet mask

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The settings of Music Center have been changed.

To apply the new settings on the set, please restart the Music Center.

After Music Center is restarted, disconnect the Ethemet cable between your PC and Music Center, then connect both the PC and Music Center to the

Notes:

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- When using a wireless router, keep it at least 0.5 meter away from WAC5 Center.
- If you are Windows 2000 user, check Service Pack 2 is installed.
- Select PC's network adapter that connects Center via the Britiss Software Installation supplied Ethernet cable, if you have installed more than one network adapter on your PC.

More than one network adapter on your PC have been found. Please select the Wired network adapter where you have the Music Center connected to the PC.			
Number	Name	Adapter	
1 2	Local Area Connection Local Area Connection 2	3Com 3C920 Integrated Fast Ethernet Controller (3C905C VIA Compatable Fast Ethernet Adapter	

- If you add/remove a network adapter to/from

your PC, you need to re-install the PC connection. Follow the steps under **Custom** Installation: Change Network Settings.

– In Option 3: Wired connection, avoid assigning the IP address manually as: IP address: 169.254.xxx. yyy; Subnet mask: 255.255.0.0. Such an IP address will cause conflict with the WiFi network of WACS5 Center and Station, resulting in Center's disabled Ethernet port. To restore the disabled Ethernet port, restore your WAC5 Center to its default settings (see Chapter **Reset** in the **User Manual**).

Digital Media Manager (DMM)

Digital Media Manager (DMM) allows your PC to work with WAC5 Center.

Double click 🌌 on your computer desktop to launch DMM

The first time you launch DMM, specify your music

folders on PC

- → Music files in the folders are imported into DMM
- Next time you launch DMM, DMM will start lookup in the folders and automatically update its music collection on PC
- **3** To learn more about DMM, click **Help → Digital**



IMPORTANT!

- If power failure occurs within 15 minutes after you have transferred music from PC to Center, you will lose all those transferred music.

Custom Installation

Custom Installation allows you to separately change the install option you selected in **Express Installation** or re-install **DMM**.

Change Network Settings

Restore your WAC5 Center to its default settings (see Chapter **Reset** in the **User Manual**)

Select your new installation option

Follow the steps under the above **Option 1**, **Option 2** or **Option 3** of **Express Installation**



Philips - Digital Media Manager					
e	Edit	Preferences	Help		
			Digital Media Manager Help		
			Support		
MY PC			About Digital Media Manager		
		MY PC	About Wireless Music Center		
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Software Installation

Please choose from the following

•Express Installation

Custom Installation

Software Installation

Change Network Settings

Install Digital Media Manager

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Glossary

Access point: communication hub for the connection between a wireless device and a wired LAN.

Ad-hoc mode: a networking framework where devices communicate with each other directly, without access point.

DHCP: stands for **D**ynamic **H**ost **C**onfiguration **P**rotocol. It is a protocol for assigning dynamic IP addresses to devices on a network.

Infrastructure mode: a networking framework where devices communicate with each other via an access point

IP address: computer or device identifier on a TCP/IP network

SSID: stands for **S**ervice **S**et **ID**entifier. The same SSID must be used for all the access points and all the devices if you try to connect them to a specific WLAN.

Subnet Mask: It serves to decide what subnet an IP address belongs to

WEP: stands for **W**ired **E**quivalent **P**rivacy. It is a security protocol for wireless local area network

WLAN: stands for **W**ireless Local **A**rea **N**etwork. In such a network, high-frequency radio waves are used for communication

WPA: stands for **W**i-Fi **P**rotected **A**ccess. It is a Wi-Fi standard aimed to improve WEP's security features. It works with an existing WEP-enabled Wi-Fi products.

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