## For Windows only

#### Supported products

DAC-HA300

#### **Recommended hardware**

PC with Intel Core 2 Duo or faster processor and 1 GB or more memory

#### Supported operating systems

Windows 7 (32/64-bit) Windows 8 (32/64-bit) Windows 8.1 (32/64-bit) as of January, 2015

#### **Precautions before installation**

Install the dedicated driver software before connecting the computer by USB.

Correct operation will not be possible if you connect the computer before installing the driver.

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### **Driver installation procedures**

- 1 Uncompress the downloaded file.
- 2 If using a 32-bit operating system, double-click the ONKYO\_DAC\_HA300\_AsioDriver32bit.exe file to open the installation wizard.

If using a 64-bit operating system, double-click the ONKYO\_DAC\_HA300\_AsioDriver64bit.exe file to open the installation wizard.

If a Software (program) use confirmation pop-up appears, click "Run" or "Yes" to continue with installation of the driver file.

3 Select the language that you want to use for installation and click "OK".

DAC-HA300 - InstallShield Wizard	×			
Select the language for the installation from the choices below.				
English (United States)	Cancel			

#### 4 Click "Next".

岃 DAC-HA300 - InstallShield Wizard	
2	Welcome to the InstallShield Wizard for DAC-HA300
	The InstallShield(R) Wizard will install DAC-HA300 on your computer. To continue, dick Next.
	WARNING: This program is protected by copyright law and international treaties.
	< Back Next > Cancel

#### 5 Click "Install".



- 6 If a Windows security pop-up message appears during installation, click "Install" or "Continue Anyway".
- 7 When the wizard's completion screen appears, click "Finish" to finish the installation.



### **Connecting with a computer**

The first time the unit is connected to one of the computer's USB ports, a driver will be detected automatically.

The contents of the driver software installation window will change as follows.

Driver Software Installation		×
Installing device driver software		
DAC-HA300	Searching preconfigured driver folde	ars
		lose
	ŧ	
Driver Software Installation		×
Installing device driver software		
DAC-HA300	OInstalling driver software	
		lose
	1	
	◆	
Driver Software Installation		x
DAC-HA300 installed		
DAC-HA300	✓ Ready to use	
		lose

When " < Ready to use" appears, click "Close" to finish the installation.

# Installation guide for the DAC-HA300 USB DRIVER

<u>ONKYO</u>

If the connected unit has been recognized properly, when you open the Windows Sound Control Panel, "DAC-HA300" will have been added as a playback device.

#### Windows 7 example

💮 Sound				
Playback Re	cording Sounds Communications			
Select a playback device below to modify its settings:				
	Speakers DAC-HA300 Default Device			
	Speakers Realtek High Definition Audio Ready			
Configure	e Set Default 🛛			
	OK Cancel Apply			

### Setting the audio output device

When you open the Windows Sound Control Panel, the "DAC-HA300" can be selected as the default device for sound playback.

The device selected here will be used to output Windows operation sounds and the sound of playback from Windows Media Player.

When using Windows 8.1, Windows 8 or Windows 7, you must change the settings as follows to set the default device for sound playback.

- 1 After selecting "DAC-HA300" on the Sound Playback screen, click "Properties".
- 2 Click the Advanced tab at the top of the Speakers Properties screen.

Click the field that shows the "Default Format" setting to open a pull-down menu and select a sampling frequency of 192000 Hz or less.

Speakers Properties				
General Level Advanced				
Default Format				
Select the sample rate and bit depth to be used when running in shared mode.				
24 bit, 192000 Hz (Studio Quality) 🔹 🕨 Test				
Exclusive Mode				
Allow applications to take exclusive control of this device				
Give exclusive mode applications priority				
Restore Defaults				
OK Cancel Apply				

3 Click "OK" to confirm the setting.

## **DAC-HA300 Control Panel**

If the computer being used meets the minimum system requirements, making the following adjustment should not be necessary.

If the playback sound is unstable due to the system being used, increasing the buffer size might correct this.

Click the following icon in the Windows Control Panel.



The following window will appear.

If necessary, move the slider (inside the red box in the window shown below) to change the buffer size.

Onkyo DAC-HA300 Control	Panel
DAC-HA300	DAC-HA300 Buffer Size: 3648 Samples
	Sampling Rate 44100 Hz -
ONKYO	ASIO USB Driver Version 1.0.0.0 built 10/20/2014 Copyright (C) 2014 Onkyo Corporation. All rights reserved. ASIO Technology by Steinberg Media Technologies GmbH

## Music playback software settings

To output audio from music playback software from this unit when connected to a computer by USB, set the sound playback device to "DAC-HA300" in the settings of the software that you are using.

See the instructions for that software for details about how to set the sound playback device.

If the software does not have a sound output device setting, usually sound will be output from the device selected as the Default Device set for Windows sound playback as described above.

 If you only want the sound from specific software to be output from this unit, select "DAC-HA300" in the settings of that software, but do not set "DAC-HA300" as the Default Device for sound playback in the Windows Sound Control Panel.