audio-technica

AT-DAC100 Operating Restrictions

Operating Restrictions 1

When using the product connected to an Apple device, such as an iPhone or iPad

Use one of the following Apple adapters.

• Apple authorized camera adapter

• Apple iPad Camera Connection Kit

Operating Restrictions 2

When using the product connected to an Android device

Devices running Android 4.1 or later that support USB audio are supported. To connect to a micro USB Type-B connector on an Android device, use a USB conversion adapter that has a host conversion function for the connection. The product can connect directly to a USB Type-C connector on an Android device.

A device that is connected directly to the product cannot be charged while being used. However, charging may be possible while playing audio when using a USB Type-C hub with a PD (power delivery) function.

Operating Restrictions 3

When using the product connected to a device that supports high-resolution output

A dedicated conversion adapter is needed for portable audio players and other devices that have dedicated connectors for high-resolution output.

Operating Restrictions 4

If the "Driver installation failed" message appears when the product is connected to a PC (Windows only)

The product is not recognized correctly when connected to a PC until installation of the dedicated driver is complete. Install the dedicated driver first. Reinstalling the driver may remedy the situation.

Go to "Start menu" > "Windows System" > "Control Panel" > "Programs and Features" (for Windows 10) to uninstall "AT-DAC100", and then reinstall it.

If two instances of "AT-DAC100" are displayed, uninstall both of them.

Operating Restrictions 5

If there is noise or the sound cuts out while playing audio on a Windows PC

Going to "Control Panel" > "Power Options", and selecting "High performance" may remedy the situation.

Closing all applications except for the music playing application may also help.

However, it is possible that neither of the above measures will improve the situation on a Windows PC.

Operating Restrictions 6

If audio is played as PCM when it should be played as DSD512 on a Windows PC

DSD512 format is played at PCM 768 kHz or PCM 705.6 kHz, when being played in DoP mode on some music playing applications.

If this happens, select ASIO mode and play the music in native mode.

Operating Restrictions 7

If there is noise or the sound cuts out while playing audio on an Android device

Limitations of Android devices, such as CPU speed and memory, may cause noise or the sound to cut out.

If this happens, use the sampling rate restriction function of the music playing application.

Alternatively, adjusting the buffer size in the settings of the music playing application may remedy the situation.

Operating Restrictions 8

When audio plays from only one side immediately after connecting the product to an Android device

If the volume of the music playing application is set low, the audio may play from only one side immediately after connecting.

Turn the volume of the music playing application all the way up to remedy the situation.

Operating Restrictions 9

If audio does not play when the product is connected to an Android device

Some music playing applications use a specialized driver to play music. To use the product, follow the on-screen instructions that appear when you connect the USB cable.

If audio stops playing while you are using the product and switching between multiple music playing applications, then the drivers may have not switched. If this happens, unplug the USB cable for about 3 seconds, and then plug it back in and try operating the application again.

Operating Restrictions 10

If noise occurs when playing PCM format after playing DSD format

When a PCM format is played after playing a DSD format music file, the product's sampling frequency/DSD indicator may not display correctly and noise may occur, depending on the type of music playing application in the Android device.

If this happens, setting "Clear USB frequency after playing: ON" in the music playing application may remedy the situation.

Alternatively, in some cases, the noise may be being generated by the portable audio player. If this is the case, change DSD to PCM on the portable audio player, and then try again.

Operating Restrictions 11

If the first parts of songs are cut off

The first parts of songs may be cut off if a different audio format or different sampling frequency is used to play music on the connected portable audio player.

Operating Restrictions 12

If a "clicking" noise occurs at the end position when a song changes

For some music files in DSD format, a "clicking" noise may occur at the end position when a song changes.

This is because of the data 0(0x00) at the end of audio files, which is the standard for DSF files.

An application to convert this 0(0x00) data to a silent signal (0x69) may remedy the situation.

Operating Restrictions 13

If noise occurs in coaxial digital input or optical digital input

The product's coaxial digital input and optical digital input are for PCM format only.

Inputting any other streaming signal may cause noise.