

繁體中文

English

# Soundgenic

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入門指南  
Quick Guide

HDL-RA2TB

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# 簡介

以下簡介說明 Soundgenic。

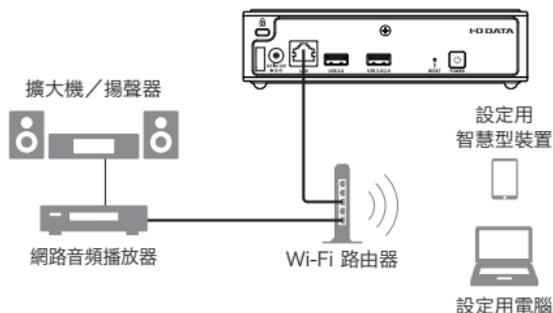
## Soundgenic 之使用目的

Soundgenic 是一種網路音樂伺服器，可透過家庭網路向網路音頻設備提供音樂。

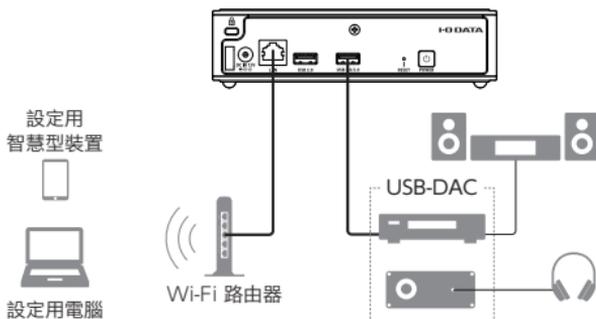
可藉由網路音頻設備儲存和欣賞音樂。

並且，還可以透過連接 USB-DAC 將 Soundgenic 做為網路音頻播放器。

### ● 網路音樂伺服器之連接圖



### ● 網路音頻播放器 (USB-DAC)



## 確認配件

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- AC 變壓器 (AC 變壓器、AC 線)
- LAN cable
- 電線掛鉤
- 入門指南 (本書)

## 說明手冊之概要

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Soundgenic 使用說明書含有下列內容。

- 入門指南 (本書)：  
說明 Soundgenic 之基本使用方式。
- 詳細指南：  
安裝 Soundgenic 後，如需更詳細的說明，請於網站上閱覽詳細指南。  
例如：樂曲備份、Soundgenic 更新為最新狀態、設定畫面之項目說明、常見問題 (FAQ) 等

這些使用說明書請於如下 Website 閱覽

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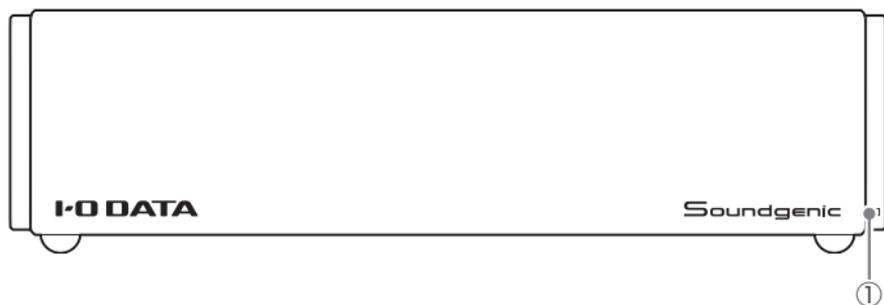
<https://www.iodata.jp/ssp/soundgenic/zh-tw/#manual>

# 各部件名稱及功能

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## ▼ 前面

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- ① 燈號..... 綠燈亮：動作中(開啟電源)  
綠燈閃：啟動 關機中、設定中、  
音樂CD讀取中  
紅燈亮：發生錯誤  
橘燈亮：偵測到新韌體  
橘燈閃：韌體更新中  
熄 燈：切斷電源

### 紅燈亮時

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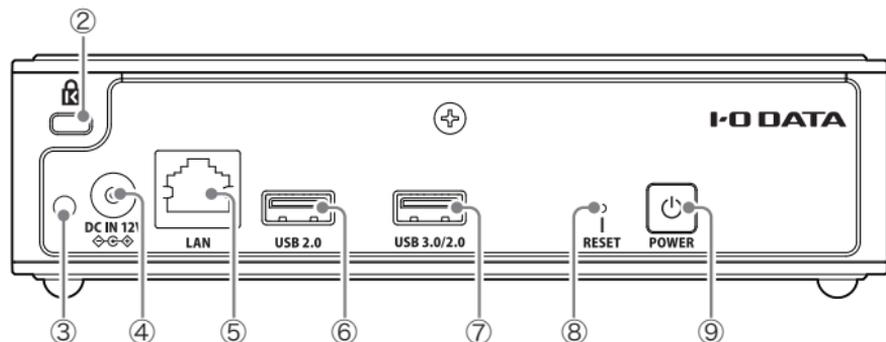
內部磁碟發生異常，無法找到USB HDD，備份用的USB硬碟容量不足。  
如果取出USB HDD後仍無法解決問題，請聯繫代理商的客服中心。

### 橘燈亮時

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請關閉電源。開始更新韌體。  
在電源指示燈熄滅之前，請勿停止供電。

## ▼ 背面



- ② 防盜鎖孔..... 可加裝防盜措施防盜鎖 (Kensington Lock)。
- ③ 電線掛鉤孔..... 安裝配件的電線掛鉤。
- ④ 電源連接器..... 連接配件的 AC 變壓器。
- ⑤ LAN Port..... 以 LAN Cable 連接 Wi-Fi 路由器。
- ⑥ USB 2.0 Port..... 連接 USB 裝置。
- ⑦ USB 3.0/2.0 Port..... 連接 USB 裝置。
- ⑧ RESET 按鈕..... 重設為原廠設定。
- ⑨ 電源按鈕..... 電源開關 (10 頁)。

### USB Port 之選擇方式

基本上可使用任何一個 USB Port 皆無任何問題。  
 如果使用 USB-DAC 播放時出現問題，請改使用另一個 USB Port。

### 設定之初始化方法 (RESET 按鈕)

請用如針般細的物體持續按住 RESET 按鈕約 1 秒鐘。

以下設定將返回購買時的狀態。

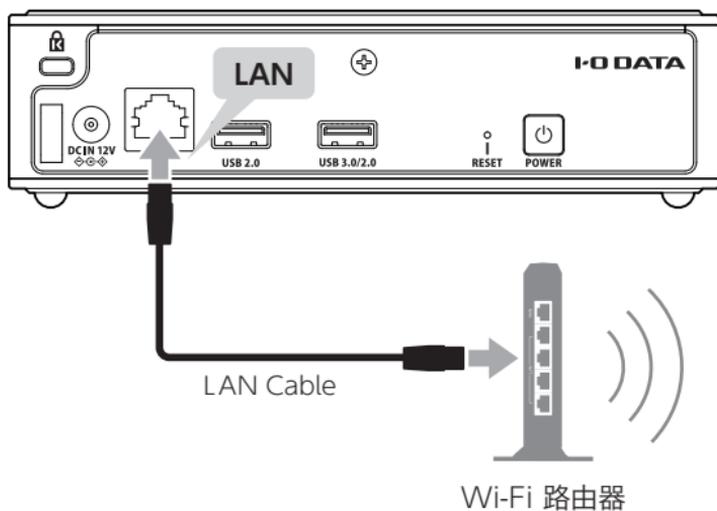
- IP 位址 (啟用 / 停用 DHCP)、Twonky Server 數據 (資料) 庫、
- CD 讀取用的工作檔案夾內容

# 安裝

## 連接 Wi-Fi 路由器

「Wi-Fi 路由器 之 LAN Port」和「Soundgenic “LAN”」使用隨附配件 LAN Cable 連接。

透過平板電腦來操作 Soundgenic，並從 Internet 下載音樂和更新數據。



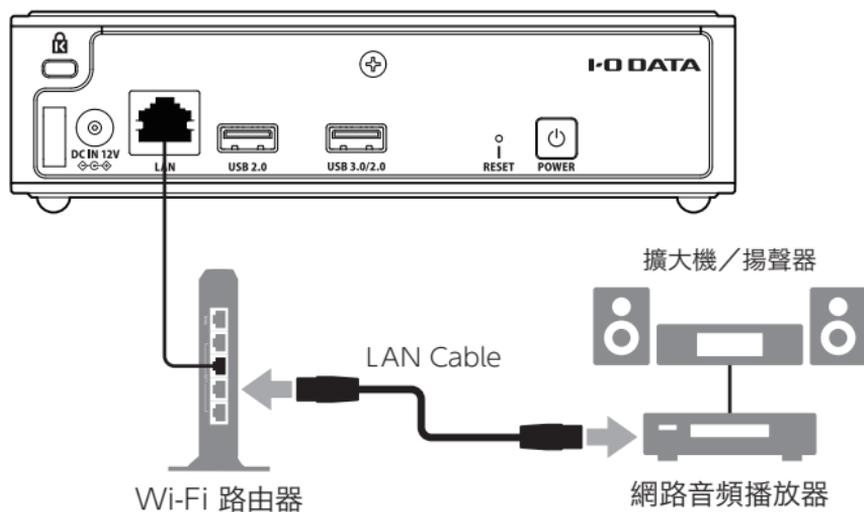
## 連接播放設備

有「網路音頻播放器」之連接方法以及和「搭載 USB-DAC 的音頻設備」（以下稱為 USB-DAC）之連接方法，兩者皆可連接。

### ● 連接網路音頻播放器

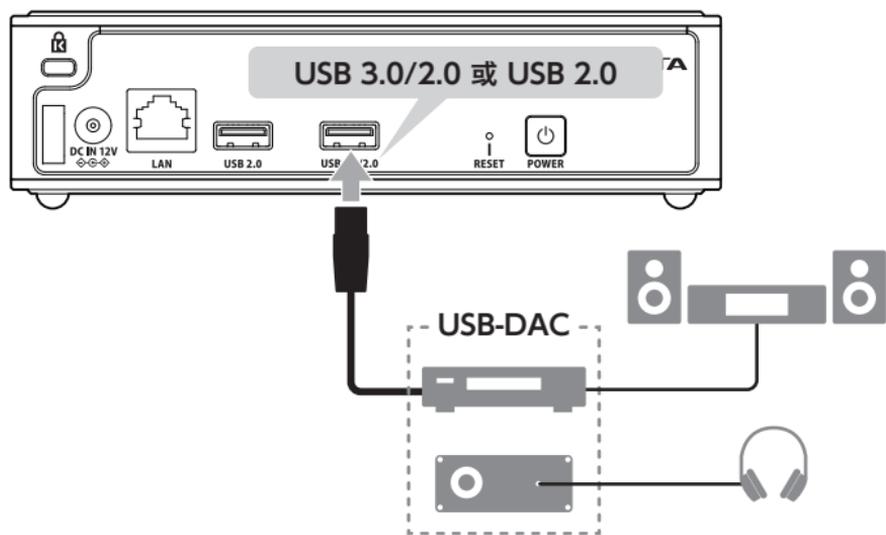
用 LAN Cable 連接「和 Soundgenic 接續的 Wi-Fi 路由器」和「網路音頻播放器」。

將音樂從 Soundgenic 傳送到網路音頻播放器。



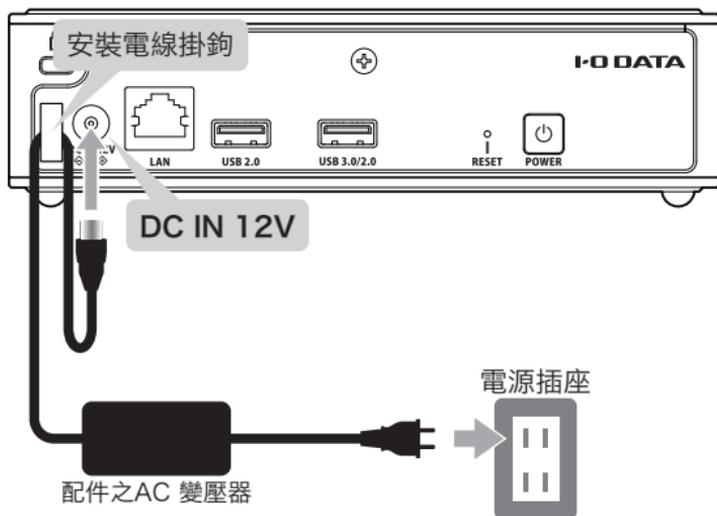
● 連接 USB-DAC

將「Soundgenic 的 USB 3.0/2.0 或 USB 2.0」和「USB-DAC」連接。  
Soundgenic 也可用作網路音頻播放器，可以播放 USB-DAC 音樂。



## 連接電源插座

連接 Soundgenic 的配件「DC IN 12V」AC 變壓器，並連接到電源插座。  
(一旦插上電源插座，電源就會打開。)



### 使用電線掛鈎

為防止意外拔出 AC 變壓器，建議使用配件之電線掛鈎。

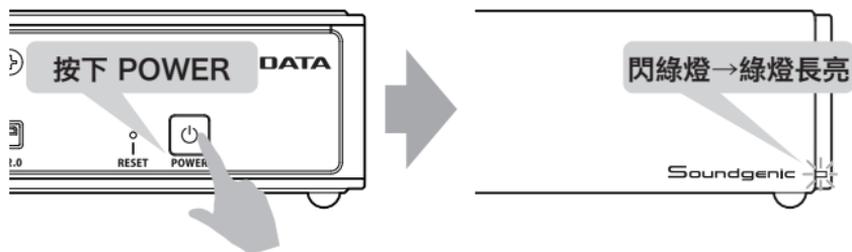
用電纜吊鈎夾住 AC 變壓器的電線後，請將電線掛鈎插入「DC IN 12V」左側的插孔中，並將其固定。

※ 隨電線掛鈎的方向，有時會無法成功插入。故請確認是否已牢固插入接好。

## 安裝完成後之開機方法

按下背面的電源按鈕(POWER)。

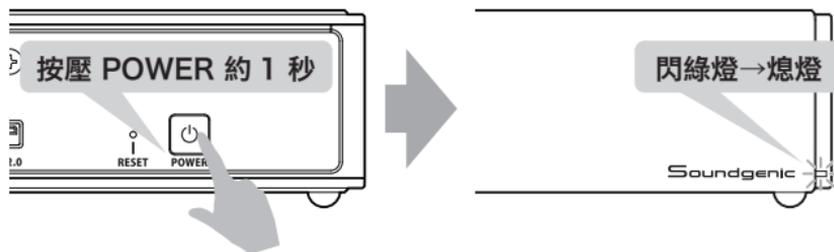
⇒ 綠色指示燈會先閃爍，綠色指示燈長亮時表示完成啟動。



## 關機方法

按住背面的電源按鈕(POWER) 約 1 秒鐘。

⇒ 指示燈會先閃綠燈，熄燈時則表示完成關機。



### ● 到完全切斷電源需要一點時間

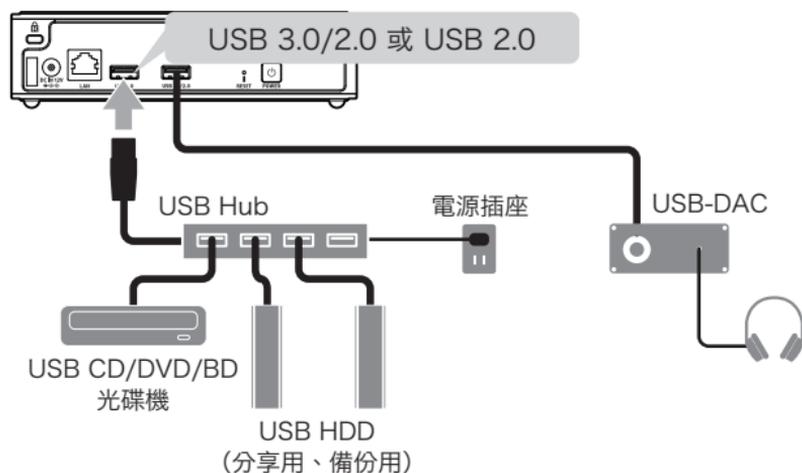
在指示燈熄滅之前，請勿拔下 AC 變壓器或切斷電源。

## (必要時) 連接USB裝置

必要時，可將USB HDD或USB CD/DVD/BD 光碟機連接到Soundgenic的USB 3.0/2.0或USB 2.0。

### ● USB 裝置之用途

- USB HDD  
(分享用)和(備份用)可各接一台。  
(分享用)可讀取USB HDD內的音樂，並傳送到播放器。  
(備份用)可備份Soundgenic內的音樂。
- USB CD/DVD/BD光碟機  
可讀取音樂CD的樂曲，並傳送到播放器。



### USB Port 不足時

請使用帶有插座的USB Hub。

※ 將USB Hub 連接到USB 3.0 / 2.0 接口時，雖不限於USB Hub 的插座數，但最多一次只可連接兩個USB設備。

# 儲存音樂檔案

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準備 I-O DATA 專為智慧型手機和平板電腦開發的「fitada Music App」控制應用程式。	
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連接 USB CD、DVD 或 BD 光碟機，將音樂 CD 的音樂載入 Soundgenic。	
從 USB 隨身碟或 USB 硬碟匯入.....	22
將 USB 隨身碟或 USB 硬碟上儲存的音樂複製到 Soundgenic。	
儲存來自 Windows 的音樂檔案.....	25
從 Windows 進入 Soundgenic 並將您的歌曲複製到 Soundgenic。	
儲存來自 macOS 的音樂檔案.....	27
從 macOS 進入 Soundgenic 並將您的歌曲複製到 Soundgenic。	
確認可用空間.....	29
確認 Soundgenic 內的可用空間容量。	

## fitada Music App 的準備工作

準備 I-O DATA 專為智慧型手機和平板電腦開發的「fitada Music App」控制應用程式。

### 關於 fitada Music App

- 可作為控制應用程式操作音樂播放
- 可操作和執行本產品上的設定
- 可執行 CD 擷取與檔案操作等動作

- 1 使用智慧型手機或平板電腦開啟 App Store 或 Google Play 商店，並安裝「fitada Music App」。
- 2 啟動 fitada Music App。

3

**服務條款**

Software License Agreement

This Software License Agreement sets forth the terms and conditions for using the Software (as defined below), and the rights and obligations between the Company and the Registered Users of the Software. You must read and agree to all terms of this Software License Agreement before using the Software.

Article 1 Definitions

For purposes of this Software License Agreement, the following terms have the following respective meanings:

(1) "Company" means I-O DATA DEVICE, INC., the principal place of business of which is located at 3-10, Sakurada-machi, Kanazawa-shi, Ishikawa, 920-8501, Japan.

(2) "Computing Systems" means Software, Terminal Equipment, cloud server, system running on cloud servers, Product, and other computer network components necessary to operate the Software.

(3) "Password" means the User ID and password, including

同意

請仔細確認服務條款

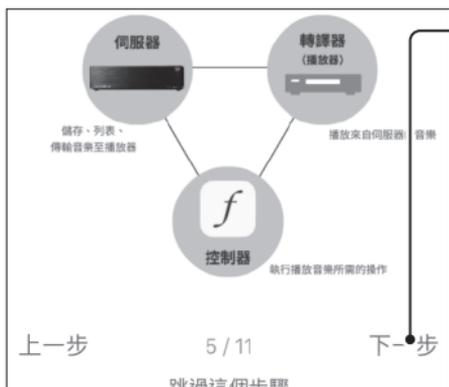
如果沒有疑問，請輕觸 [同意]

4



輕觸 [跳過這個步驟]。

5



輕觸 [下一步]。

6



選擇 Soundgenic 作為音樂伺服器。

輕觸 [下一步]。

7

## 選擇轉譯器

選擇要用作主播放器（轉譯器）的裝置

RA-FF5344 [RATOC Systems, In...]  
Soundgenic ✓

HFAS-FF8076 [PICO I/O]  
HFAS1

上一步

7 / 11

下一步

選擇播放音樂的輸出裝置  
（播放器）

※ 若將本產品連接至 USB-  
DAC，則本產品也將顯示  
為播放器。

輕觸 [下一步]。

8

## 預設裝置

新增為預設裝置。之後可進行變更。

伺服器

RA-FF5344 [RA]

轉譯器

RA-FF5344 [RATOC Systems, Inc...]

上一步

8 / 11

下一步

確認所選的伺服器與輸出  
裝置

輕觸 [下一步]。

# 9

## 基本操作 - (1/2)

### 兩個窗格

fidata 音樂應用程序具有「伺服器窗格」與「播放表窗格」。

iPad 可以同時顯示兩個窗格。

iPhone 僅顯示一個窗格，另一個窗格在撥動螢幕時顯示。



上一步

9 / 11

下一步

將說明基本操作，故請仔細閱讀

輕觸 [下一步]。

# 10

## 讓我們開啟音樂之旅吧

首先，將音樂匯入。

關於如何匯入音樂的資訊，請查閱詳細說明書

開始使用

輕觸 [開始使用]

如此即完成 fidata Music App 的準備工作。

## 從音樂CD載入

---

連接 USB CD、DVD 或 BD 光碟機，將音樂 CD 的音樂載入 Soundgenic。

### ● 需備物品

- USB CD/DVD/BD 光碟機
- 音樂 CD

### 儲存的內容

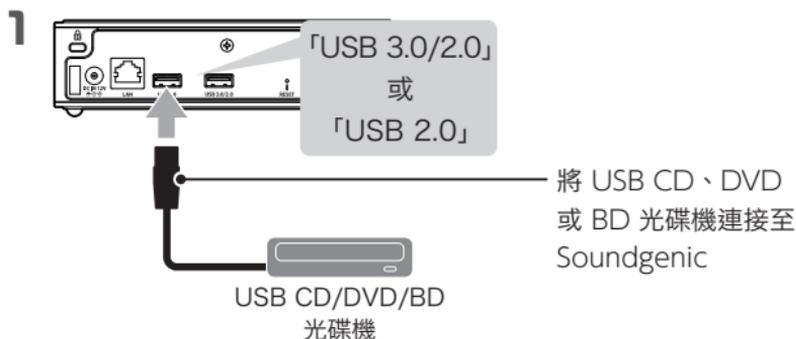
---

- 匯入的曲目儲存於本產品的以下位置。
  - Contents (內容) > CD Library (CD 媒體櫃) > [Artist name (表演者名稱)] > [Album title (專輯標題)]
- 每首曲目會在序號後面加入標題一併儲存。(範例:01 [Track name (曲名)].wav)
- 名為「Folder.jpg」的專輯封面資料檔會與歌曲儲存在同一位置。
  - ※ Folder.jpg 格式僅用於提供音樂相關資訊，無法用電腦等裝置開啟或複製此檔案。
  - 但此檔案可在 Soundgenic 中自由移動或刪除，故您可依個人偏好變更設定。
  - ※ 如果 Gracenote 未提供目標音樂的任何專輯封面資料，則 Folder.jpg 檔案不會儲存。
- **Gracenote**

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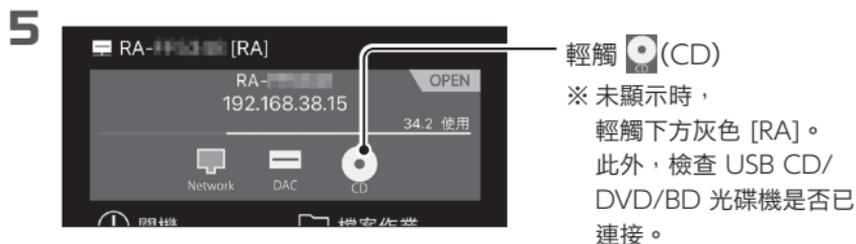
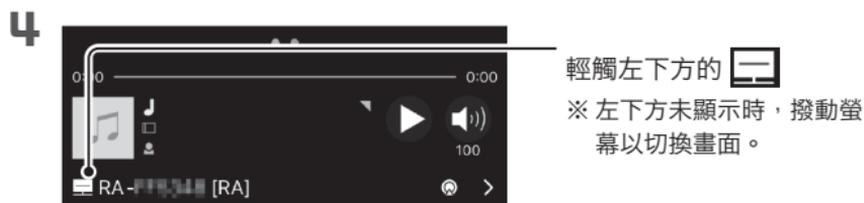
這是一種提供與音樂 CD 相關資訊資料庫的服務。

● 步驟

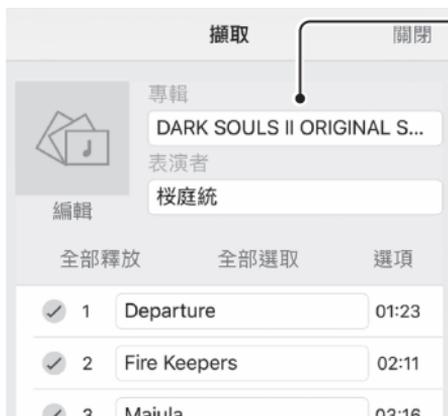


2 將音樂 CD 插入 USB CD、DVD 或 BD 光碟機

3 啟動 fidata Music App



## 6



確認或編輯「專輯」、「表演者」、「專輯封面」。

※ 若要編輯專輯封面，請輕觸其下方的 [編輯]。

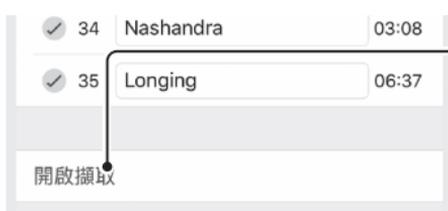
### 選擇要匯入的音樂格式

以 wav 格式或 FLAC 格式儲存(預設格式為 wav)。  
輕觸 [選項]，選擇「格式」。

### 如何擷取部分音樂

輕觸 [全部釋放] 後，僅核選欲擷取的音樂。

## 7



輕觸 [開啟擷取]

⇒ 音樂 CD 開始匯入(擷取)。

即使在擷取期間關閉螢幕也沒有問題。

Soundgenic 會繼續執行擷取過程。

## 標準匯入時間

	載入音樂 CD 所需的時間 <sup>*1</sup>	
	條件 1 <sup>*2</sup>	條件 2 <sup>*3</sup>
光碟機 A	8 分 38 秒	8 分 40 秒
光碟機 B	16 分 42 秒	16 分 43 秒

- ※1 使用時長為 70 分 5 秒的音樂 CD。數值僅為參考。數值會因所使用的光碟機和媒體而有所差異。
- ※2 AccurateRip：啟用；重試過程：啟用；載入速度：高速；編碼設定：WAV
- ※3 AccurateRip：啟用；重試過程：啟用；載入速度：高速；編碼設定：FLAC，壓縮等級：標準

### • AccurateRip

這是一種透過與他人匯入的結果進行對照，判斷音樂 CD 上的曲目是否正常匯入的功能。

## 匯入狀態與結果

-  匯入中：正在進行匯入
-  待機：等待開始匯入
-  評估中：正在進行 AccurateRip 判斷與 FLAC 轉換
-  OK（藍色）：匯入已完成，且結果與他人的結果已進行對照
-  AccurateRip NG（金色）：匯入已完成，但 AccurateRip 並未與他人的結果進行對照
-  NG：匯入失敗

## 8 音樂 CD 退出後，將其取出

### 若音樂 CD 被立即退出或指示燈亮紅燈。

---

- 音樂 CD 被立即退出且指示燈亮紅燈。  
可能發生以下其中一種狀況。
  - Gracenote 找不到目標音樂的相關資訊，系統停止匯入音樂 CD 上的曲目。  
請檢查本產品是否連線至網際網路。  
若已連線至網際網路，則可能是音樂 CD 沒有音樂資訊。若要匯入該音樂 CD，請在本產品的設定畫面上，選擇 [USB CD/DVD/BD 光碟機裝置的設定] 中的 [GRACENOTE 設定]，並將 [未註冊的歌曲] 設定為 [檢索]。
  - 本產品的內建磁碟空間不足。  
需要釋放 3.5 GB 或更大的可用空間，才可匯入音樂 CD 上的曲目。  
請刪除不需要的檔案再重試。
- 音樂 CD 退出時，指示燈亮紅燈。  
可能發生以下其中一種狀況。
  - 由於音樂 CD 上的髒污或刮痕，導致某些曲目並未匯入。  
請檢查音樂 CD 的讀取面。  
還請檢查未匯入的曲目。
  - 您在匯入過程中退出媒體或移除 CD/DVD/BD 光碟機。

這樣音樂就儲存在 Soundgenic。

## 從 USB 隨身碟或 USB 硬碟匯入

將 USB 隨身碟或 USB 硬碟上儲存的音樂複製到 Soundgenic。

### ● 需備物品

- 含有音樂的 USB 隨身碟或 USB 硬碟

### ● 步驟

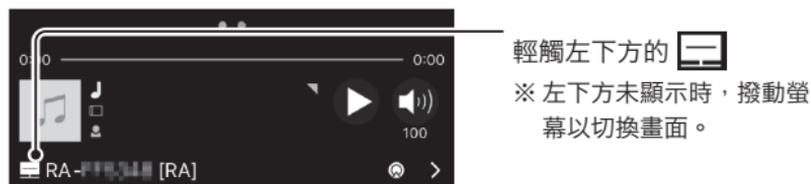
1



2

啟動 fidata Music App

3



4



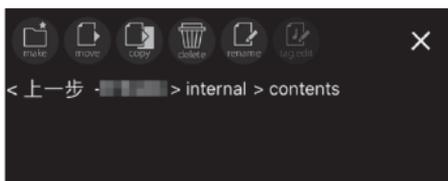
輕觸 [檔案作業]

※ 若灰色區域中沒有任何資訊，請輕觸灰色下方的 [RA]。

5

顯示想要儲存音樂的路徑

※ 將音樂放入「contents (內容)」資料夾中。建議在內容資料夾中建立儲存資料夾以便整理。



### 建立儲存資料夾

輕觸  (make(建立))。

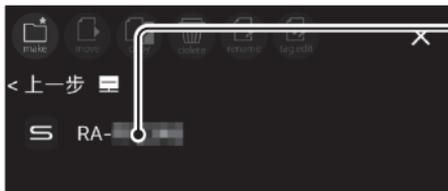
6

滑動螢幕，顯示其他單側窗格 (顯示窗格)

※ 對於平板電腦，會顯示 2 個窗格，因此無需此操作。

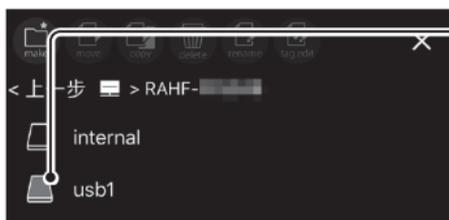


7



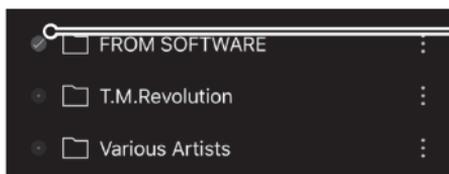
輕觸 [RA]

8



輕觸 [USB1 ~ 3]

9



檢查想要複製的 USB 中的音樂或資料夾

10



輕觸 (copy(複製))

11



輕觸 (paste(貼上))

12 檢查已複製的音樂

這樣音樂就儲存在 Soundgenic。

## 儲存來自 Windows 的音樂檔案

從執行 Windows 系統的電腦存取本裝置，將音樂檔案複製到本裝置。

### ● 需備物品

- 電腦應與 Soundgenic 連接至同一路由器。

### 安裝“LAN DISK CONNECT”。

這是一個訪問 Soundgenic 的應用程序。

請訪問以下網頁，並將其安裝到您的個人計算機上。

<https://www.iodata.jp/ssp/soundgenic/en/#landiskconnect>

### ● 步驟

1 在桌面上啟動 [LAN DISK]。



[RA-xxxxxxx] 不顯示 / 灰色。

將要設定的電腦與本裝置連接至同一路由器。

## 4



將音樂檔案儲存在 [contents (內容)] 資料夾。

### 關於 [contents (內容)] 資料夾以外的資料夾

---

- usb1  
為 USB 硬碟內的音樂，用於分享。  
專用於載入要儲存的音樂。將 USB 硬碟連接至電腦新增或刪除音樂。
- bkup  
為 USB 硬碟內的音樂，用於備份。

## 5

儲存音樂檔案。

將音樂檔案儲存在 [contents (內容)] 資料夾。

### 關於 [contents (內容)] 資料夾內的資料夾

---

- CD Library (CD 媒體櫃)  
儲存從音樂 CD 擷取的音樂。  
(使用 CD 擷取功能時會建立)
- import (匯入)  
儲存從 USB 硬碟或其他來源匯入的音樂。  
(從 USB 硬碟或其他來源匯入音樂時會建立)
- uploaded (上傳)  
儲存透過操作其他 DLNA 裝置上傳到 Soundgenic 的音樂。

這樣音樂就儲存在 Soundgenic。

## 儲存來自 macOS 的音樂檔案

從執行 macOS 的電腦存取本裝置，將音樂檔案複製到本裝置。

### ● 需備物品

- Mac 電腦應與 Soundgenic 連接至同一路由器。

### 安裝“LAN DISK CONNECT”。

這是一個訪問 Soundgenic 的應用程序。

請訪問以下網頁，並將其安裝在您的 Mac 上。

<https://www.iodata.jp/ssp/soundgenic/en/#landiskconnect>

### ● 步驟

1 啟動 Finder。

2



### 若未顯示 [RA]。

將要設定的 Mac 電腦與本裝置連接至同一路由器。

### 3



按兩下 [contents (內容)] 資料夾。

#### 關於 [contents (內容)] 資料夾以外的資料夾

---

- usb1  
為 USB 硬碟內的音樂，用於分享。  
專用於載入要儲存的音樂。將 USB 硬碟連接至 Mac 電腦新增或刪除音樂。
- bkup  
為 USB 硬碟內的音樂，用於備份。

### 4

儲存音樂檔案。

將音樂檔案儲存在 [contents (內容)] 資料夾。

#### 關於 [contents (內容)] 資料夾內的資料夾

---

- CD Library (CD 媒體櫃)  
儲存從音樂 CD 擷取的音樂。  
(使用 CD 擷取功能時會建立)
- import (匯入)  
儲存從 USB 硬碟或其他來源匯入的音樂。  
(從 USB 硬碟或其他來源匯入音樂時會建立)
- uploaded (上傳)  
儲存透過操作其他 DLNA 裝置上傳到 Soundgenic 的音樂。

這樣音樂就儲存在 Soundgenic。

## 確認可用空間

確認 Soundgenic 內的可用空間容量。

### 1 啟動 fidata Music App

2



輕觸左下方的 

※ 左下方未顯示時，撥動螢幕以切換畫面。

3



顯示可用空間容量。

※ 若未顯示任何資訊，請輕觸灰色下方的 [RA]。

### 刪除 Soundgenic 內的音樂

可使用 fidata 音樂應用程式的檔案作業功能刪除音樂。  
如需更多資訊，請參閱詳細指南。



透過此操作確認 Soundgenic 內的可用空間。

# 播放音樂

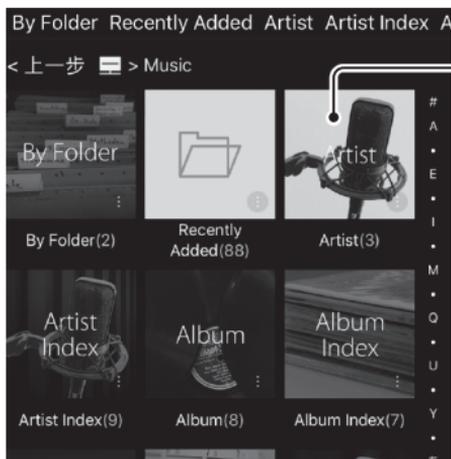
詳細指南→



使用 fidata Music App 播放音樂。

## 1 啟動 fidata Music App

2

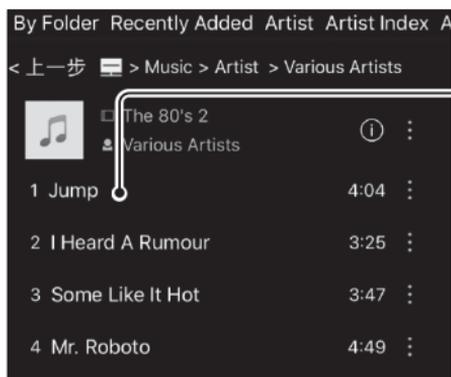


輕觸「Artist (表演者)」或「Album (專輯)」等，顯示欲播放的音樂

### 找不到音樂時

- 輕觸螢幕右上方的  後，輕觸 [Soundgenic] > [Music (音樂)]。
- 若螢幕右上方未顯示 , 撥動螢幕以切換窗格 (螢幕分割)。
- 檢查 Soundgenic 的電源。

3



輕觸該音樂，將其登錄到播放清單。

⇒ 輕觸的音樂將登錄在右側 (播放清單窗格)。

### 無法登錄音樂

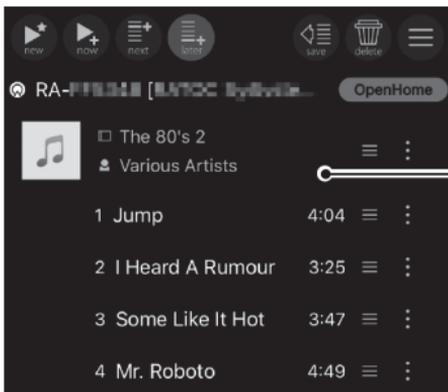
輕觸右下方的 , 選擇輸出裝置 (播放器)。

## 4 滑動螢幕，顯示另一個單側窗格（播放清單窗格）

※ 對於平板電腦，會顯示 2 個窗格，因此無需此操作。



## 5



確認登錄的音樂

### 變更登錄音樂的順序

拖曳曲名或專輯名右側的  可變更曲目排序。

### 刪除登錄的音樂

- iOS  
向左撥動音樂，然後輕觸顯示的 [刪除] 選項。
- Android  
向左側邊緣撥動音樂。

### 變更音樂登錄規則

-  (新的)：播放選定的音樂。刪除播放清單中的其他音樂。(從播放清單中選擇並播放)
-  (現在)：選定的音樂將登錄在播放清單末尾。隨後播放登錄的音樂。
-  (下一首)：選定的音樂將於目前音樂播放結束後播放。
-  (稍後)：選定的音樂將登錄在播放清單末尾。(預設值)

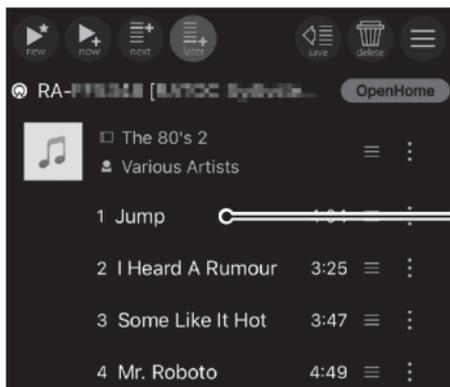
## 儲存播放清單

輕觸  (save(儲存)) 可將目前播放清單儲存於本應用程式中作為本地播放清單。

如需更多資訊，請參閱詳細指南。

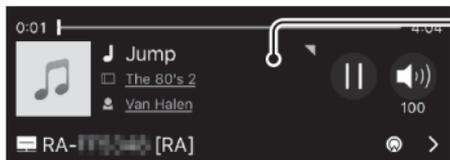


6



輕觸音樂，從第一首開始播放  
⇒ 音樂開始播放。

7



輕觸曲目資訊

8



曲目資訊與專輯封面會以大圖顯示  
請盡情聆賞音樂。

### 返回原始畫面

輕觸曲名旁邊區域可返回原始畫面。

# 享受 Spotify 音樂

Spotify 是一種音樂流媒體服務，通過互聯網提供訪問世界各地各種音樂流派的機會。

您可以使用智慧型手機或平板電腦作為遙控器，從 USB-DAC 或其他連接到 Soundgenic 的裝置中欣賞 Spotify 音樂。

欲瞭解更多資訊，請造訪 <https://spotify.com/connect>

※ 要使用此功能，您需要訂閱 Spotify Premium 或 Spotify free 服務。

※ Soundgenic 和您的行動裝置必須連接到同一區域網路。

※ Soundgenic 渲染器必須在 OpenHome 模式下運行。



1 啟動 Spotify 應用程式，選擇一首歌並播放它。

2



點擊 。

3



點擊 "RA-XXXXXX[DAC 名稱]"。

⇒ 您可以從 USB-DAC 或其他連接到聲音源的設備中欣賞 Spotify 音樂。

※ 如果您正在從 USB-DAC 或其他連接到 Soundgenic 的設備播放 Spotify 以外的音樂，則當您開始使用此功能播放時，播放的音樂將被停止並切換。

※ 服務可能會在未通知的情況下更新。

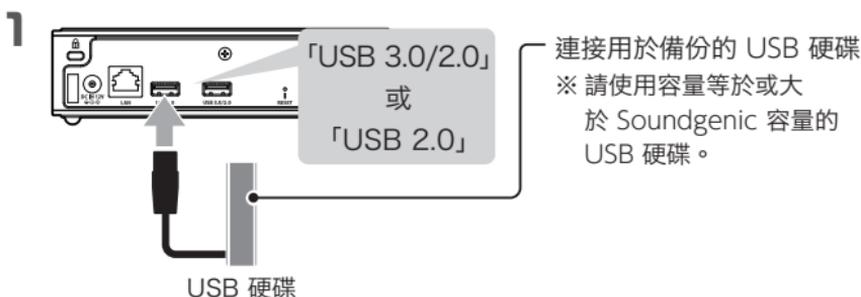
※ Spotify 軟體受到 (SDK) 第三方軟體的約束詳情請參閱以下連結 <https://www.spotify.com/connect/third-party-licenses>



# 備份音樂

匯入到 Soundgenic 內建磁碟的音樂可儲存於連接的 USB 硬碟中。

## 登錄備份用 USB 硬碟



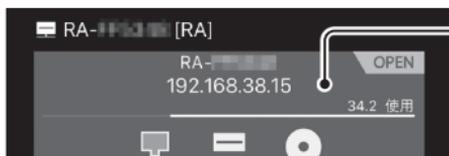
### 注意：請勿在此步驟中連接其他 USB 裝置

登錄用於備份的 USB 硬碟(備份用)時，便會刪除其中的資料。為了防止不慎刪除重要資料，進行此操作時請只連接 1 台 USB 硬碟。

## 2 啟動 fidata Music App



4



輕觸灰色區域

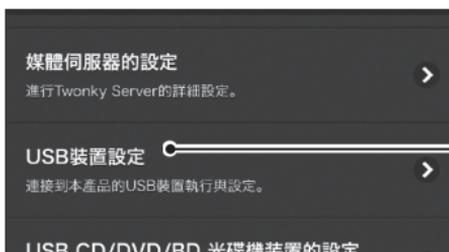
※ 若無法輕觸，請輕觸灰色下方的 [RA]。

5



輕觸 [設備設置]

6



輕觸 [USB 裝置設定]。

7



選擇 [註冊備份設備]



輕觸 [下一步]。

8

已偵測到連接註冊備份用的USB設備。  
將此設備再次進行註冊作為備份使用。

注意：重新註冊時,USB設備會被格式化,所保存的資料都會被刪除。

註冊備份設備

閱讀注意事項，然後輕觸  
[註冊備份設備]

9

已偵測到連接註冊備份用的USB設備。

將

確認

將連接的USB設備格式化,註冊作為備份用設備。  
您確定嗎?

是

不是

輕觸 [是]。

10

備份設備註冊中。  
在尚未完成備份設備註冊前,請勿操作此產品。

請等到 USB 硬碟登錄為止

11

備份用的設備註冊已完成。

資料如果保存在此設備時,可以隨時進行USB設備的備份。

要刪除此設備中所保存的資料時,備份用的設備並不會自動被刪除。

不需要的備份資料,請以手動進行刪除。

確認顯示「備份用的設備註冊已完成」。

如此便完成備份用 USB 硬碟的登錄。  
現在只需連接至此 USB 硬碟(備份用) 即可備份音樂。

### 移除 USB 硬碟

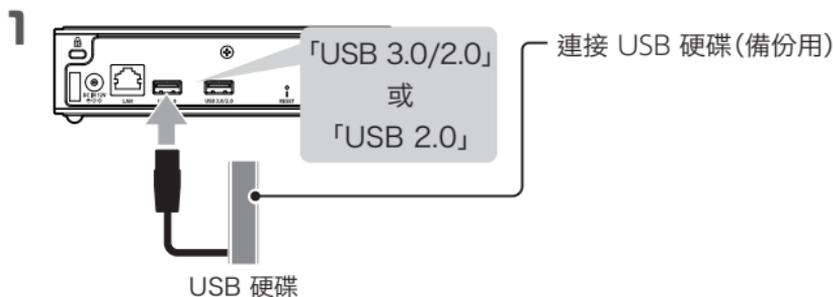
在關閉 Soundgenic 電源之前，請勿移除 USB 硬碟。  
請時常連接 USB 硬碟(備份用) 來備份音樂。有差異時應予備份。  
關於 Soundgenic 電源開啟時如何移除 USB 硬碟的資訊，請參閱詳細指南。



### 請務必偶爾整理一下備份的音樂。

反覆新增、移除音樂會使 USB 硬碟(備份用) 的容量發生應變。  
請參閱詳細指南中的「刪除音樂檔案」並刪除「bkup」資料夾內不需要的音樂。  
若 USB 硬碟(備份用) 已滿，指示燈會亮起紅燈，此時將無法執行備份。

## 從 USB 硬碟(備份用) 還原音樂



## 2 啟動 fidata Music App

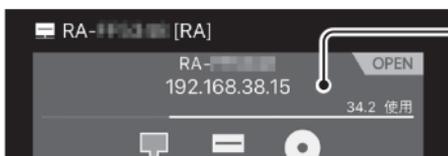
3



輕觸左下方的 

※ 左下方未顯示時，撥動螢幕以切換畫面。

4



輕觸灰色區域

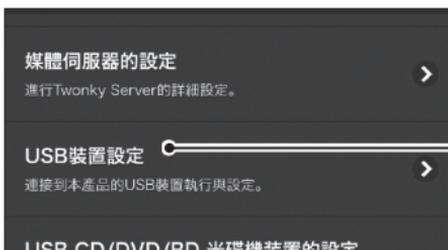
※ 若無法輕觸，請輕觸灰色下方的 [RA]。

5



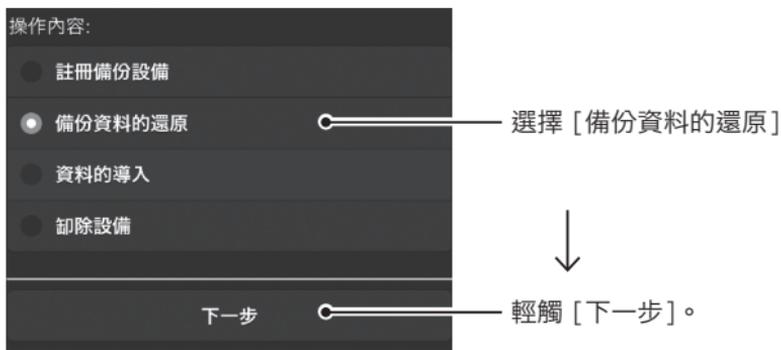
輕觸 [設備設置]

6

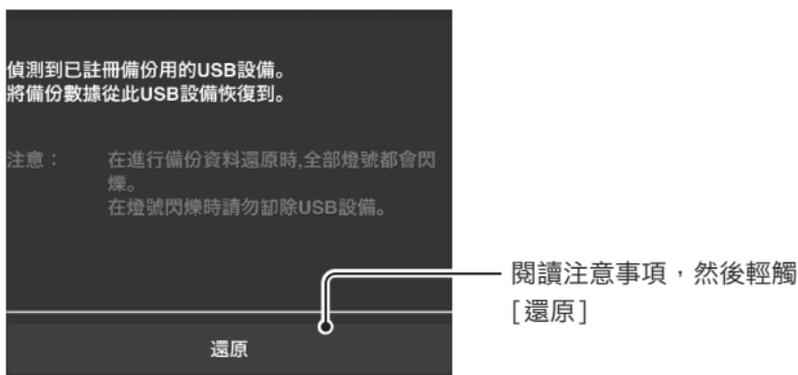


輕觸 [USB 裝置設定]。

7



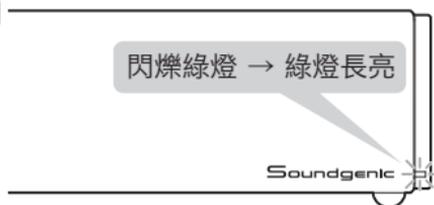
8



9



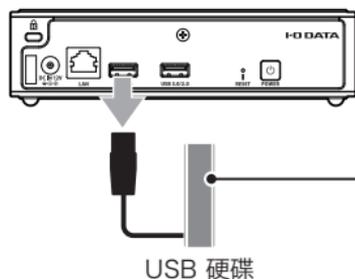
10



指示燈將閃爍，請等到指示燈恢復長亮狀態

※ 指示燈閃爍時請勿移除 USB 硬碟。

11



移除 USB 硬碟 (備份用)

USB 硬碟

### 想要繼續備份時

將 USB 硬碟 (備份用) 移除一次後，再重新連接。

音樂將還原。

# 附錄

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## 操作環境

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有關詳細內容，請至產品簡介瀏覽

---



<https://www.iodata.jp/ssp/soundgenic/zh-tw/#spec>

### ▼ 做為網路音樂伺服器使用時

---

您可以將其與符合 UPnP AV 的網路音頻播放器連接使用。

- 支援檔案格式（檔案類型）<sup>※</sup>

wav mp3 wma m4a m4b ogg flac aac mp2 ac3 mpa aif  
aiff dff dsf

※ 網路音頻播放器無法以不支援的檔案格式播放音樂。

## ▼ 做為網路音頻播放器使用時 (USB-DAC 連接)

您可以將其與支援 USB Audio Class 2.0 的 USB-DAC 連接使用。對於控制器應用程式，您可以使用支援 Open Home Media 或 DLNA 相容的 DMC (數字媒體控制器) 應用程式。

- 支援檔案格式 (檔案類型) ※1

aif aiff flac m4a wav.....PCM動作 / PCM變換  
dff dsf.....DoP動作 (DSD native)  
aac mp3 ogg.....PCM變換

- 輸出格式 (Sampling Rate) ※1

PCM 格式.....44.1kHz, 48kHz, 88.2kHz, 96kHz,  
176.4kHz, 192kHz, 352.8kHz,  
384kHz, 705.6kHz<sup>※2</sup>, 768kHz<sup>※2</sup>  
DSD 格式 (DoP) .....2.8MHz, 5.6MHz, 11.2MHz

- 輸出格式 (量子化 bit 數) ※1

PCM 格式.....16bit, 24bit, 32bit  
DSD 格式 (DoP) .....1bit

※1 無法以 USB-DAC 不支援的檔案格式播放音樂。

※2 只有 wav、aiff。

## 硬體規格

---

有關詳細說明，請參閱官網上的產品頁面（42頁）。

LAN 介面	傳送規格	1000BASE-T / 100BASE-TX / 10BASE-T
	連接頭	RJ45(Auto-MDI/MDI-X 對應)
USB Port	連接頭	USB3.0×1 USB2.0×1
	支援規格	UPnP AV
外形尺寸 (不含突起部分)		168(W)×134(D)×43(H)mm
使用溫度範圍		5 ~ 35°C
使用濕度範圍		20 ~ 80%(不能有液體凝結)

# 須遵守事項

## 為安全起見

為將可能對使用者造成之危害或財產上的損害防範於未然，故如下記載安全正確使用之注意事項，  
使用時請務必遵守記載事項。

### ▼警告・注意標示

 警告	若沒遵守此標示的注意事項，可能會導致死亡或嚴重傷害。
 注意	若沒遵守此標示的注意事項可能導致人身傷害或周圍物品損壞。

### ▼ 圖片符號的含義

 禁止
 遵守指示

## 警告

 **請勿修理，改造或拆卸本產品**  
因可能導致火災，觸電，灼傷或故障。

 **當打雷時，請勿觸摸本產品或 AC 變壓器**  
因可能導致火災，觸電，灼傷或故障。

 **本產品周圍請勿放置妨礙散熱的物體**  
因可能導致火災。

 **請勿在本產品中加入異物(液體，金屬等)**  
請勿讓咖啡等液體或夾子等金屬片掉入本產品內。  
請特別注意，請勿將異物插入頂部連接器。  
因可能導致火災或觸電。



**故障或異常時請勿連接**

如本產品故障或出現異常，請務必將其從連接的設備中移除。如繼續使用，可能會引起火災，觸電或故障。



**如冒煙、聞到異味或發出異音，請立即停止使用**

如繼續使用，可能會引起火災或觸電。



**不要將本產品的小零件(螺釘等)放在嬰兒的手可以觸及的地方**

因可能導致意外吞嚥、窒息或胃部衰竭。如發現可能不慎吞嚥時，請立即就診。



**在安裝、移除和移動本產品時請務必關閉電腦主機，周邊設備和本產品的電源，並斷開插頭與插座的連接後才進行。**

因可能導致觸電。



**請勿在潮濕或水氣較多的地方使用**

如果本產品沾到水或洗滌劑等，則水分可能從縫隙浸透機台內部而引起火災或觸電。

- 在浴室，陰雨天氣，下雪，海岸，水邊使用時要特別小心。
- 請勿將盛有水的物體(如杯子，花瓶)放在本產品上面。
- 萬一本產品被弄濕，請切勿使用。

## ▼ 關於電源 (AC 變壓器、電源線、插頭)



**請勿使用指定品以外的 AC 變壓器或電源線**

可能導致電源線冒煙或冒出火花。



**請勿在具有高保溫性和保濕性的地毯，海綿，紙板，和聚苯乙烯泡沫塑料等周圍使用**

因可能會引起火災。



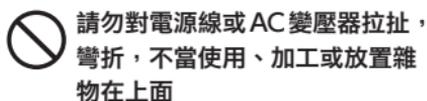
**請勿將配件的 AC 變壓器和電源線連接到其他設備**

因可能會引起火災或觸電。配件的 AC 變壓器和電源線為本產品專用。



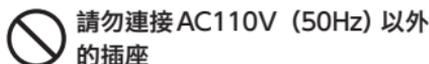
**不要在高溫器具旁接線**

電源線覆蓋外皮可能會破損，而導致火災，觸電或燙傷。

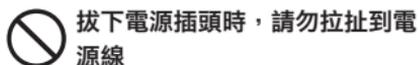


電源線在扭曲或彎曲的狀態下請勿使用。

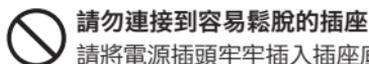
因可能導致電源線的芯線（電流傳輸的地方）斷開或短路，而引起火災或觸電



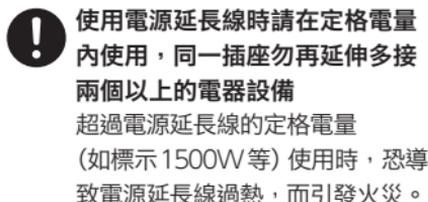
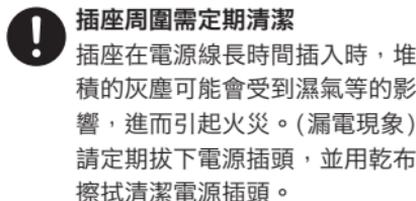
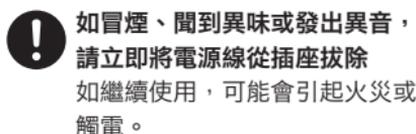
恐導致火災或溫度過高的現象。



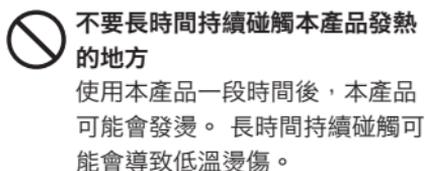
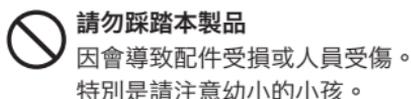
請握住電源插頭並將其拔出。因電源線可能被拉壞，引發火災或觸電。



請將電源插頭牢牢插入插座底部。請勿連接到即使插頭插入底座也會鬆動的插座。因可能會導致過熱和火災。



## 注意



## 使用須知

### 【重要】請定期備份

本產品是精密設備；可能會因突然故障等原因而遺失資料。

為預防突發狀況，請務必定期「備份」本產品中儲存的重要檔案資料。

對於本產品或連接設備的儲存資料之任何損毀或遺失，本公司概不負責。並且，本公司無法協助所記錄內容之修復、復原或複製等。此外，若因任何原因而無法將數據資料儲存到本產品，請恕本公司不予承擔任何責任。

※ 何謂備份

是指為了保護本產品中儲存的數據資料，而將裡面的檔案複製到其他的儲存媒體（HDD，BD/DVD等）。（移動檔案資料並非「備份」；將同一數據資料同時儲存於兩個地方才算是「備份」）即便發生故障或人為疏失導致一邊檔案遺失時，另一邊的檔案資料仍可正常使用才是安全的。為避免不測情事發生，請務必備份。

### 清潔方式

如果要清除本產品上的污垢等，請先拔下電源線，然後用柔軟乾淨的布輕輕擦拭。

- 如果污垢嚴重，請用中性洗滌劑用水充分稀釋後將布浸溼，擰乾，然後擦拭污垢，最後用乾布擦拭。
- 請勿使用揮發油，稀釋劑，酒精，消毒劑，化學布，清潔劑/清潔紙。因可能會導致變質或破損。

**【重要】關於轉讓 / 廢棄處理的說明**

- 為避免個人資料外洩等問題，請利用系統初始化將內部磁碟資料完全刪除。
  - ※ 關於HDD上的音樂檔
  - 若未刪除HDD上的音樂檔而轉讓HDD，恐牴觸著作權法。
- 廢棄處理本產品時，請遵守當地政府的法令。

- Soundgenic 請在當地網路上使用。  
在 Soundgenic 分配全球 IP 地址並將其直接發佈到網路上是非常危險的。請安裝路由器以免受到來自網路的惡意攻擊，請客戶自行設定安全性措施。
- 須正確調整 Soundgenic 的時間。建議使用設定為在連接到網路的環境中可與時間伺服器同步 (出廠設定)。
- 如果 Soundgenic 的內部磁碟寫入過多數據資料，啟動時間可能會比正常時較多花幾分鐘。
- 當指示燈閃爍時，請勿拔下電源線或切斷 Soundgenic 電源。因這可能導致故障而使檔案遺失。
- 防火牆軟體可能會導致無法正常存取 Soundgenic。在此情況下，請在防火牆軟體端允許讀取 Port 137 至 139 和 445。

# 常見問題

## 【重要】請使用最新版的韌體

為確保本產品的硬體相容使用，請將韌體或軟體更新為最新版本來使用。若非最新版本，可能無法確保硬體相容。

※ 連接到網路時，有自動下載最新版本的功能。

請參閱如下【前面指示燈亮橘燈】。

## 前面指示燈亮橘燈

- 正在檢測 Soundgenic 的新版本。  
關閉 Soundgenic 電源並重新開啟。  
Soundgenic 將更新到最新狀態。

## RA-xxxxxx 未顯示

- 智慧手機 / 平板 / 電腦未與 Soundgenic 連接到同一網路。  
請將智慧手機 / 平板 / 電腦連接到 Soundgenic 所連接的路由器。

## 前指示燈亮紅燈

- **備份端的 USB HDD 的容量可能不足。**  
請從電腦端點入備份夾 (bkup 資料夾) 並刪除不需要的檔案。  
請參閱【儲存音樂檔案】(12 頁)。
- **備份用的 USB HDD 可能遇到問題。**  
請確認 USB HDD 是否正確連接。  
如有正確連接，則可能是 USB HDD 發生故障。  
另外，首次連接的 USB HDD，請使用 Soundgenic 格式化。
- **Soundgenic 內建硬碟可能發生問題。**  
移除 USB HDD、切斷 Soundgenic 電源後再重新開啟電源。  
如完成啟動後前面指示燈亮紅燈，則表示內部硬碟發生問題。請洽詢原購買之經銷商或代理商。
- **輸入 CD 音樂時發生問題。**  
【若音樂 CD 被立即退出或指示燈亮紅燈。】(21 頁) 參照。

## 從音樂 CD 存取的樂曲看不到檔案資訊

- **在 Gracenote 中找不到音樂資訊，但已下載音樂。**  
如果您只想在看到歌曲資訊時下載歌曲，請在設定畫面上的「USB CD/DVD/BD 光碟機裝置的設定」中選擇「GRACENOTE 設定」>「未註冊的歌曲」  
請將「未註冊的歌曲」設為「不檢索」(初始值)。

## 從 USB-DAC 播放歌曲時，會有噪音或者聲音會中斷

- **這是因為正在播放高音質歌曲。**  
如是因 USB-DAC 連接到 USB 2.0 端口，可改藉由連接到 USB 3.0/2.0 端口進行改善。

## 無法無縫播放

- **系統負荷一時飆高。**

構建媒體伺服器的數據資料庫或更改設定會增加系統的負載。請等到這些作業結束後再播放。

### 媒體伺服器的數據資料庫之建構時發生時機的範例

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- 音樂追加時
  - 啟動後立即
  - 各種設定變更後
  - 執行以下媒體伺服器設定項目時
  - USB HDD 拔除插入後立即
  - 音樂CD插入時 (CD 傳輸作動時)
  - 從 USB HDD 存取音樂時
- 重啟伺服器、重新掃描內容資料夾，重設為初始值

### 確認數據資料庫是否正在建構中

---

請檢查[媒體伺服器的設定]→[狀態]。

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# Introduction

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This section explains information about Soundgenic.

## Intended Use of Soundgenic

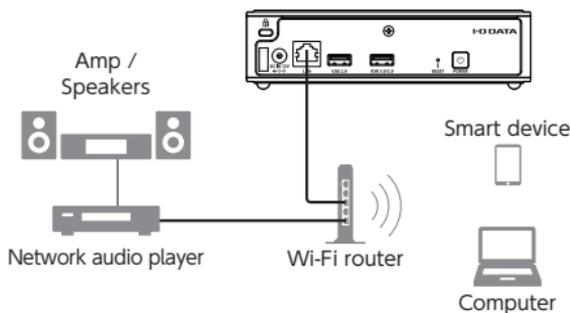
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Soundgenic is a network audio server that streams music to a network audio device through a home network.

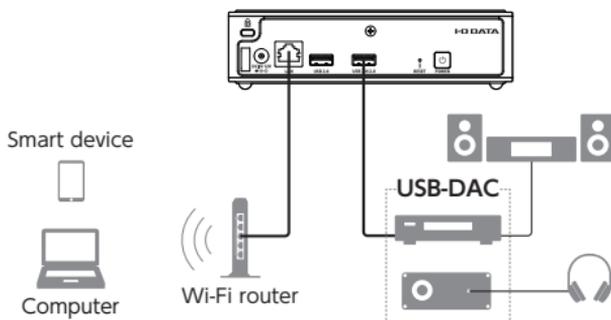
It allows you to save music and enjoy it with network audio devices.

Soundgenic can also be used as a network audio player by connecting a USB-DAC.

- Connecting as a network audio server



- Connecting as a network audio player (USB-DAC)



## Check the Accessories

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- AC adapter (AC adapter and AC cord)
- LAN cable
- Cable hook
- Quick Guide (this document)

## Composition of the Instruction Manual

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The instruction manual of this unit includes the following.

- Quick Guide (this document) :  
Describes the basic way to use this unit.
- Detailed Manual :  
Please see the "Detailed Manual" on the Internet when you want a more detailed description.

**You can download these instruction manuals from the following website.**

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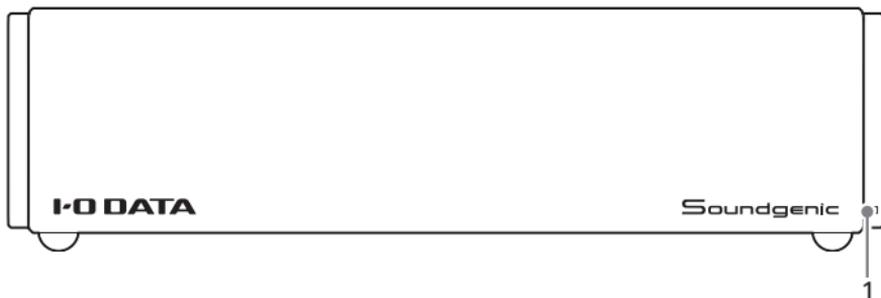


<https://www.iodata.jp/ssp/soundgenic/en/#manual>

# Names and Functions of Each Part

---

## ▼ Front



1. Indicator.....Green light: Power is on  
Green blinking light: Starting up and stopping, processing settings, recognising music CD  
Red light: Error  
Orange light: The firmware can be updated  
Orange blinking light: Updating firmware  
Unlit: Power is off

## Red light

---

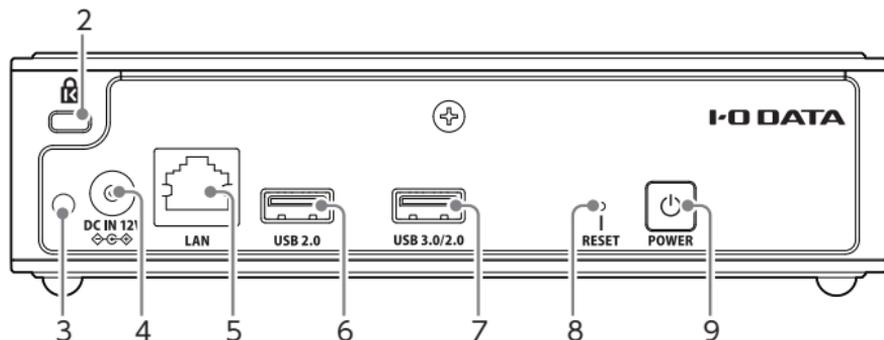
This may indicate a problem with the built-in disk, an inability to locate a USB HDD, or insufficient capacity of the back-up USB HDD. If it is not resolved by removing the USB HDD, contact the customer service centre of your sales representative.

## Orange light

---

Perform the power off operation. A firmware update will begin. Do not stop the power supply until after the power lamp goes out.

## ▼ Back



2. Security slot.....A Kensington lock is installed to prevent theft.
3. Cable hook hole .....Used to install the included cable hook.
4. Power connector .....Used to connect the included AC adapter.
5. LAN port .....Used to connect to a Wi-Fi router via LAN cable.
6. USB 2.0 port .....Used to connect a USB device.
7. USB 3.0/2.0 port .....Used to connect a USB device.
8. Reset button.....Returns some settings to their initial state at the time of purchase.
9. Power button.....Turns the power On and Off (page 10).

### Selecting a USB port

In general, it is possible to use any USB port. If there is a problem with playback using a USB-DAC, try changing the USB port.

### Initializing settings (Reset button)

Press the reset button for 1 second using a pin or other object with a fine tip.

The following settings will return to their original state at the time of purchase.

- IP address (DHCP enabled/disabled), Twonky Server database, and contents of work files for importing CDs.

# Install this Unit

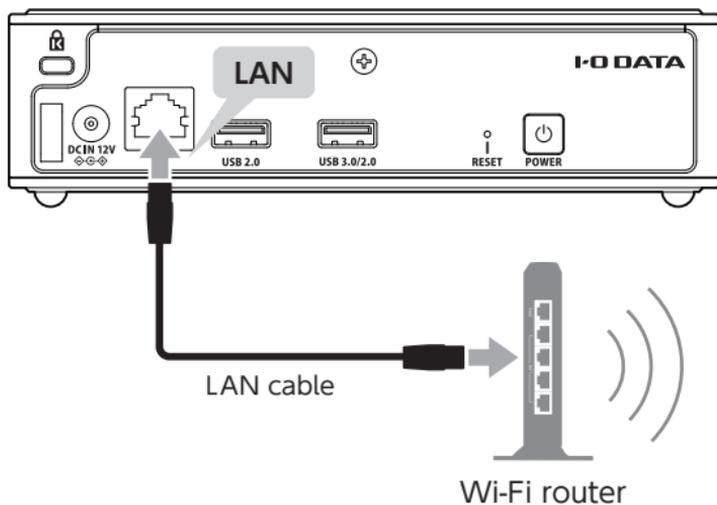
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## Connecting to a Wi-Fi Router

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Connect the **Wi-Fi router LAN port** and **Soundgenic's "LAN"** using the included LAN cable.

Operate Soundgenic with a tablet or other device to perform actions such as downloading music and data updates.



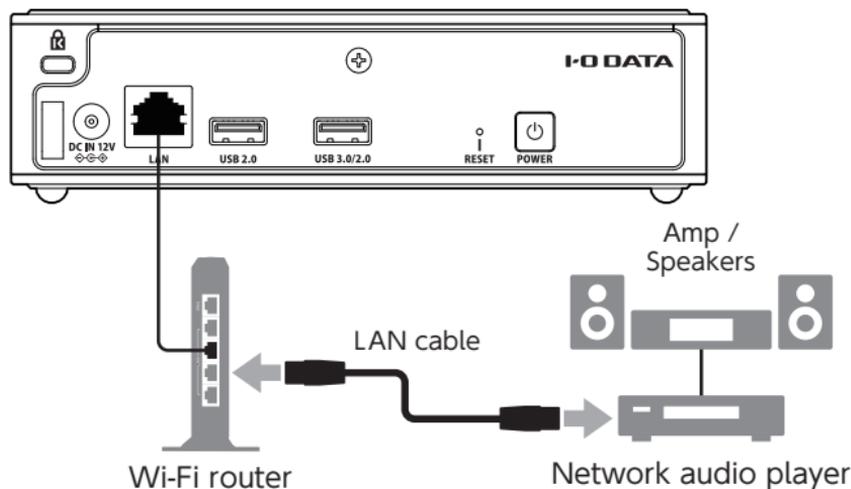
## Connecting to a Player

There is a way to connect to a network audio player, and a way to connect to a USB-DAC equipped audio device (hereinafter USB-DAC). Of course, it is also possible to connect to both.

### ● Connecting to a Network Audio Player

Connect the **Wi-Fi router connected to Soundgenic** to the **network audio player** using the LAN cable. For details of network audio players, please see the instruction manual.

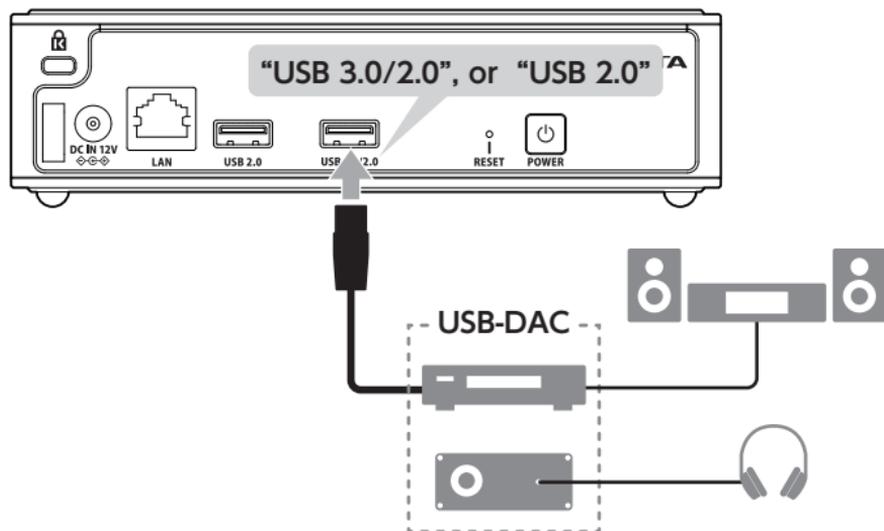
Transfer music from Soundgenic to the network audio player.



● Connecting to a USB-DAC

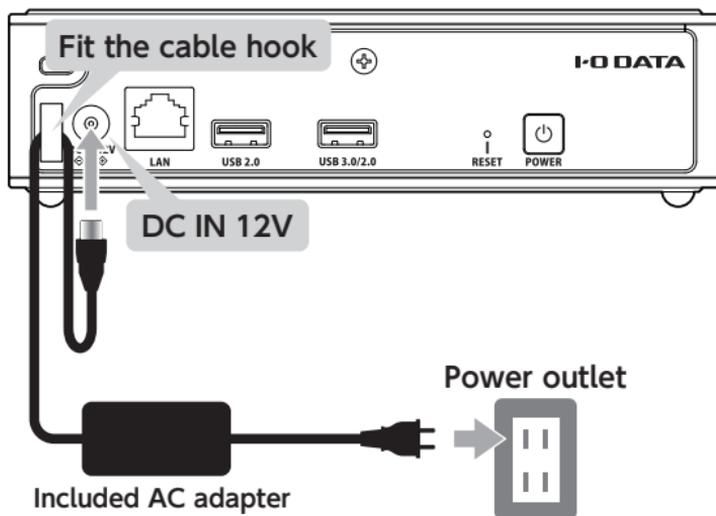
Connect the **Soundgenic's "USB 3.0/2.0" or "USB 2.0"** to the **USB-DAC**.

Soundgenic can also be used as a network audio player, and can play music using a USB-DAC.



## Connecting to a Power Outlet

Connect the **included AC adapter** to Soundgenic's "DC IN 12V" port, then connect the AC adapter to a **power outlet**.  
(The power turns on when it is connected to a power outlet.)



### Using the cable hook

We recommend using the cable hook to avoid having the AC adapter accidentally coming unplugged.

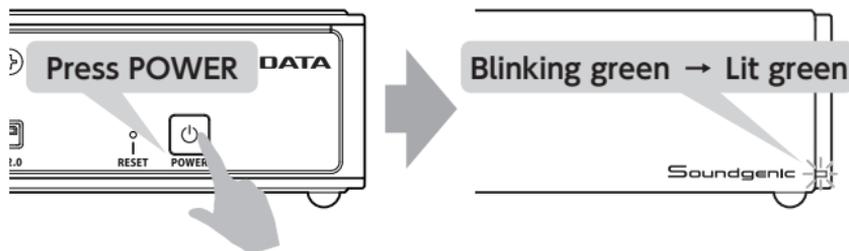
After fitting the AC adapter cord into the cable hook, secure the cable hook by fitting it into the hole on the left side of the "DC IN 12V" port.

\* Depending on the orientation of the cable hook, it may not fit into the hole properly.

Check that the cable hook is securely fitted into the hole.

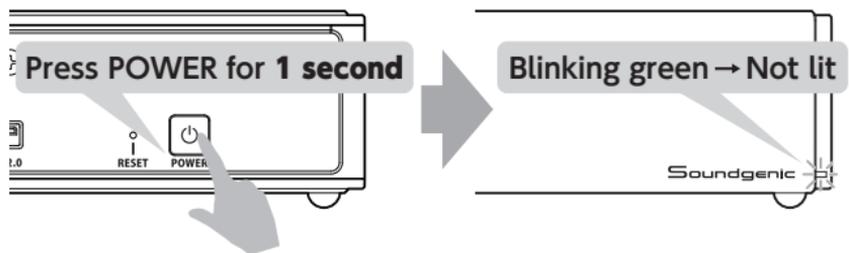
## Turning the power on for subsequent use

---



## Turning the power off

---



- It takes a moment for the power to be turned off

Do not disconnect the AC adapter or turn off the switch on a power strip until the indicator lamp is no longer lit.

## Connecting to a USB Device (as Necessary)

If necessary, it is possible to connect a USB HDD or USB CD, DVD, or BD drive to Soundgenic's USB 3.0/2.0 or USB 2.0 ports.

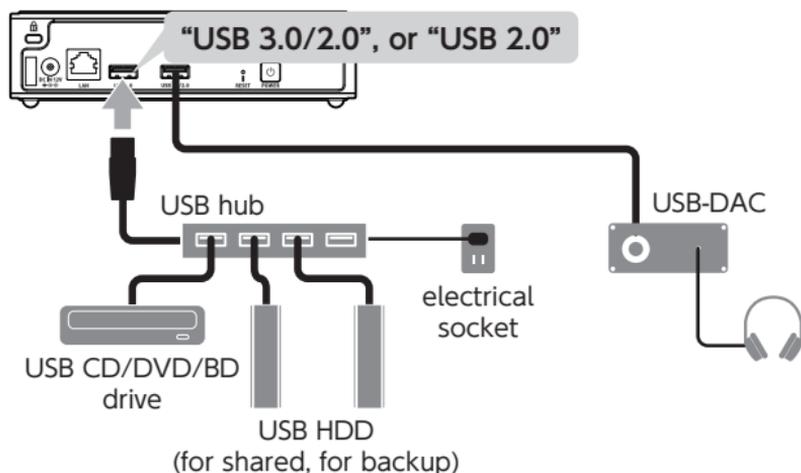
### ● Use of USB Devices

#### • USB HDD

It is possible to connect one that is for sharing and one as a backup. The USB HDD used for sharing can be used for importing music within the USB HDD or transferring it to the player. The USB HDD used as for backup can be used to back-up the music within Soundgenic.

#### • USB CD, DVD, and BD drives

These can be used to import music from music CDs, or transfer it to the player.



### If there are not enough USB ports

Please use a USB hub that plugs into an electrical outlet.

\* Regardless of the number of ports on the USB hub, only two USB devices can be connected when the USB hub is connected to the USB 3.0/2.0 port.

# Saving Audio Files

---

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Get ready to use the I-O DATA produced “fitada Music App” control application for smartphones and tablets.	
Loading from a music CD.....	17
Connect a USB CD, DVD, or BD drive and load music from the music CD to Soundgenic.	
Importing from a USB flash drive or USB HDD.....	22
Music stored on a USB flash drive or USB HDD is copied to Soundgenic.	
Saving Audio Files from a Windows.....	25
Access this unit from a personal computer running Windows, and copy audio files to this unit.	
Saving Audio Files from a macOS.....	27
Access this unit from a personal computer running a macOS, and copy audio files to this unit.	
Confirming free space.....	29
Confirm the amount of free space available within Soundgenic.	

## Preparing fitada Music App

Get ready to use the I-O DATA produced “fitada Music App” control application for smartphones and tablets.

### About fidata Music App

- Can operate music playback as a control application
- Can operate and perform settings on this product
- Can perform actions such as CD ripping and file operations

**1** Using your smartphone or tablet, open the App Store or Google Play store and install “fidata Music App.”

**2** Launch fidata Music App.

**3**

**Terms of service**

---

Software License Agreement

This Software License Agreement sets forth the terms and conditions for using the Software (as defined below), and the rights and obligations between the Company and the Registered Users of the Software. You must read and agree to all terms of this Software License Agreement before using the Software.

Article 1 Definitions

For purposes of this Software License Agreement, the following terms have the following respective meanings:

(1) “Company” means I-O DATA DEVICE, INC., the principal place of business of which is located at 3-10, Sakurada-machi, Kanazawa-shi, Ishikawa, 920-8501, Japan.

(2) “Computing Systems” means Software, Terminal Equipment, cloud server, system running on cloud servers, Product, and other computer network components necessary to operate the Software.

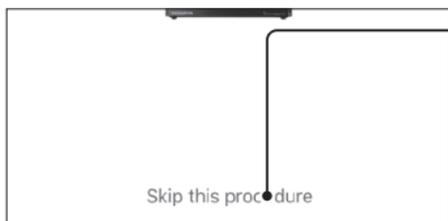
(3) “Password” means the User ID and password, including

Agree

Carefully confirm the terms of service.

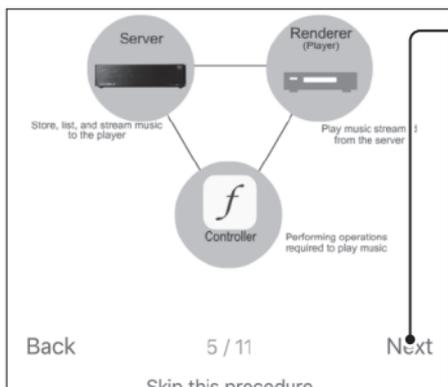
If there are no problems, tap [Agree].

4



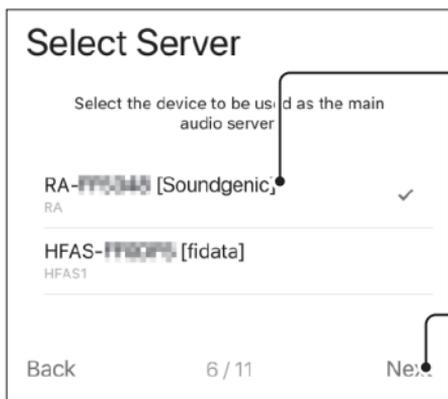
Tap [Skip this procedure].

5



Tap [Next].

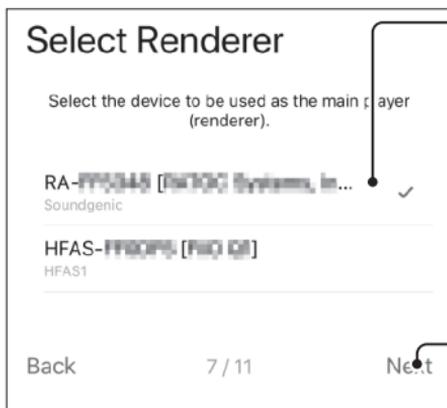
6



Select Soundgenic as the music server.

Tap [Next].

7



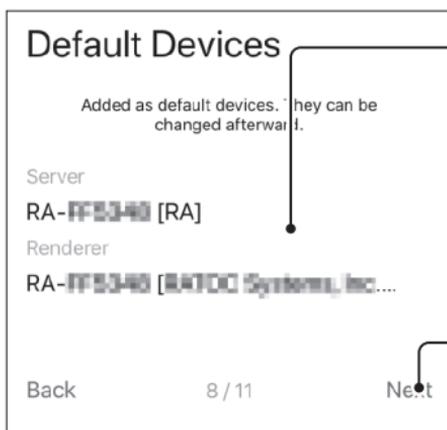
Select the renderer (player) for playing music.

\* If this product is connected to a USB-DAC, this product will also be displayed as a player.



Tap [Next].

8



Confirm the selected server and renderer.



Tap [Next].

9

## Basic Operations - (1/2)

### Two panes

fidata Music App has the "Server Pane" and "Playlist Pane".

On an iPad, both panes can be displayed at the same time.

On an iPhone, only one pane is displayed, and the other pane is displayed when you flick the screen.



Back

9 / 11

Next

The basic operations will be introduced, so read through them.



Tap [Next].

10

## Let's Start

First, import music.

Viewing the detailed manual for information on how to import music

Start using the app

Tap [Start using the app].

This completes the preparation of fidata Music App.

## Loading from a music CD

---

Connect a USB CD, DVD, or BD drive and load music from the music CD to Soundgenic.

### ● What to Prepare

- USB CD/DVD/BD drive
- Music CD

### Saved content

---

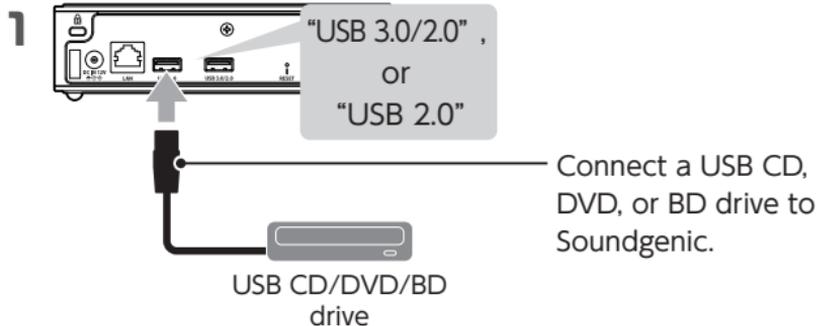
- The imported tracks are stored in the following location of this product.  
contents > CD Library > [Artist name] > [Album title]
- Each track is stored with a title following the serial number. (Example: 01 [Track name].wav)
- The artwork data file, "Folder.jpg", is stored in the same location.
  - \* Used to supply music information in Folder.jpg format. You cannot open or copy this file using a computer, etc. However, this file can be moved or deleted in Soundgenic, so you can change to the desired configuration.
  - \* If the target music does not have any artwork data supplied by Gracenote, the Folder.jpg file is not stored.

### • Gracenote

---

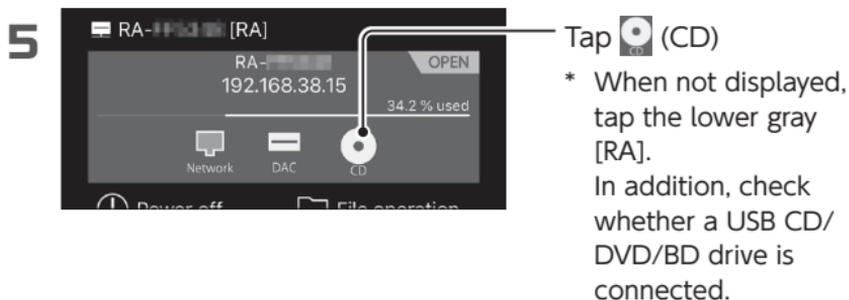
This is a service that supplies an information database related to music CDs.

## ● Procedure

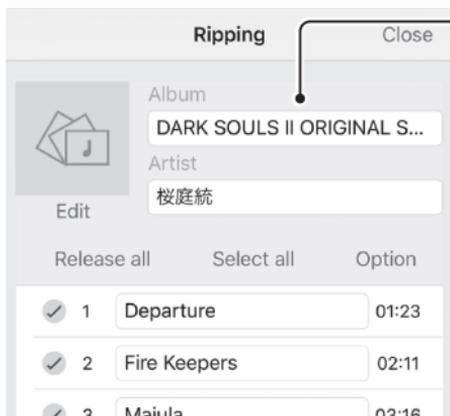


2 Insert a music CD into the USB CD, DVD, or BD drive.

3 Launch fidata Music App.



6



Tap Confirm or Edit “Album”, “Artist”, “Artwork”

\* To edit artwork, tap [Edit] below it.

### Select the format of the music to be imported

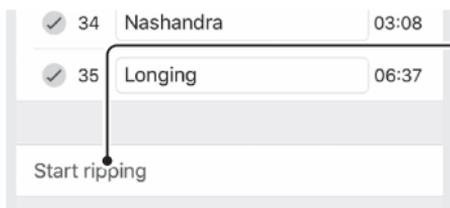
Save as either wav format or FLAC format (wav is the default format).

Tap [Option], and select “Format”.

### How to rip only a portion of the music

After tapping [Release all], check only the music you want to rip.

7



Tap [Start ripping]  
⇒ Music CD importing (ripping) begins.

### There is no problem if the screen closes during ripping

The ripping process will be continued by Soundgenic.

## Standard importing time

	Loading time for a music CD* <sup>1</sup>	
	Condition 1* <sup>2</sup>	Condition 2* <sup>3</sup>
Drive A	8 min. 38 sec.	8 min. 40 sec.
Drive B	16 min. 42 sec.	16 min. 43 sec.

- \*1 Using a 70 min. 5 sec. long music CD. Numerical values are only a guide. Differs depending on the drive and media used.
- \*2 AccurateRip: On, Retry Processing: On, Read Speed: high speed, Encoding Setting: WAV
- \*3 AccurateRip: On, Retry Processing: On, Read Speed: high speed, Encoding Setting: FLAC, Compression: standard

### • AccurateRip

This is a function that judges whether tracks on a music CD are imported normally, collating with another person's importing result.

## Import status and result

-  Importing: Importing is in progress
-  Standby: Waiting to begin importing
-  Evaluating: AccurateRip judgment and FLAC conversion processing
-  OK (blue): Importing is completed and results are collated with those of other people
-  AccurateRip NG (gold): Importing was completed, but AccurateRip did not collate with the results of other people
-  NG: Importing failed

## 8 Remove the music CD when it is ejected

### **If the music CD is ejected immediately, or the indicator is lit red.**

---

- The music CD is ejected immediately, and the indicator is lit up red. Either of the following are possible causes.
  - The target music information is not found by Gracenote, and the system stopped importing tracks on the music CD. Check that this product is connected to the Internet. If it is connected to the Internet, it is assumed there is no music information for the music CD. If you want to import the music CD, select [GRACENOTE] in [USB CD/DVD/BD DRIVE SETTINGS] on the SET screen of this product, and set [Unregistered music] to [Retrieve].
  - There is insufficient internal disk space in this product. Free space of 3.5GB or more is required to import tracks on a music CD. Delete unnecessary files, and retry importing.
- When the music CD has been ejected, the indicator is lit up red. Either of the following are possible causes.
  - Some tracks were not imported due to dirt or damage on the music CD. Check the reading side of the music CD. Also, check the tracks that were not imported.
  - You have ejected media or removed the CD/DVD/BD drive during import processing.

Your music is now in Soundgenic.

## Importing from a USB flash drive or USB HDD

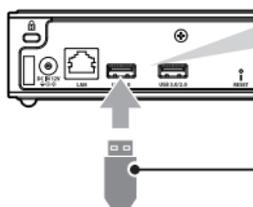
Music stored on a USB flash drive or USB HDD is copied to Sound-  
genic.

### ● What to Prepare

- A USB flash drive or USB HDD containing music

### ● Procedure

1



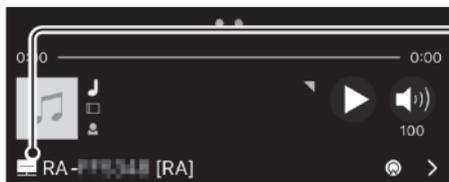
USB 3.0/2.0,  
or  
USB 2.0

Connect a USB flash  
drive or USB HDD

USB flash drive

## 2 Launch fidata Music App

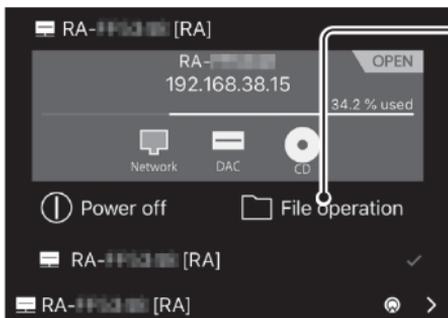
3



Tap  on the lower  
left

\* When not displayed  
on the lower left, flick  
the screen to switch  
screens.

4



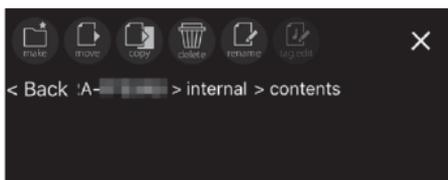
Tap [File operation]

\* If there is no information in the gray area, tap [RA] under the gray.

5

Display the location you wish to save the music

\* The music is put in the "contents" folder. We recommend creating a save folder inside of the contents folder for organization.



### Making a save folder

Tap  (make).

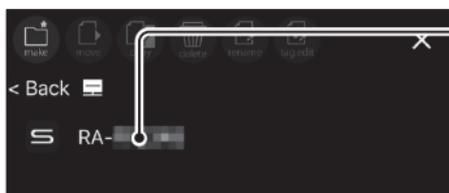
6

Swipe the screen to display another one-side pane (display pane)

\* For tablets, 2 panes are displayed, so this process is unnecessary.

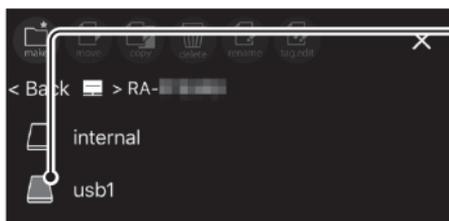


7



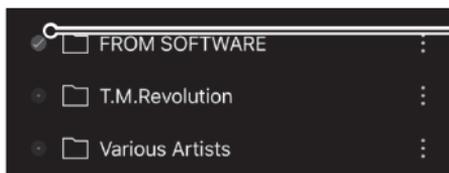
Tap [RA]

8



Tap [USB1 to 3]

9



Check the music or folders in the USB that you want to copy

10



Tap  (copy)

11



Tap  (paste)

12 The checked music is copied

Your music is now in Soundgenic.

## Saving Audio Files from a Windows

Access this unit from a personal computer running Windows, and copy audio files to this unit.

### ● What to Prepare

- The personal computer should be connected to the same router as Soundgenic.

### Install "LAN DISK CONNECT".

This is an application to access Soundgenic.

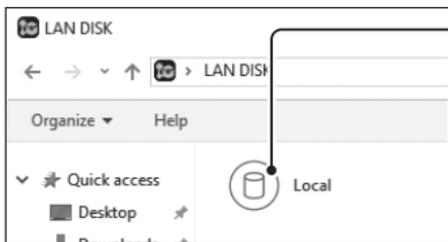
Please access the following Web page, and install it on your personal computer.

<https://www.iodata.jp/ssp/soundgenic/en/#landiskconnect>

### ● Procedure

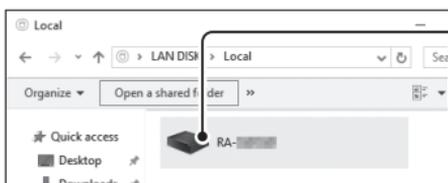
1 Start [LAN DISK] on the desktop.

2



Double-click [Local].

3



Double-click [RA-xxxxxx].

## [RA-xxxxxx] is not shown / Grayed out.

Connect the personal computer on which settings are to be made to the same router as the one used by this unit.

4



Double-click the [contents] folder.

## About folders other than the [contents] folder

- **usb1**  
Music within the USB HDD used for sharing.  
Specifically for loading music to be saved. Connect the USB HDD to the personal computer and add and delete music.
- **bkup**  
Music within the USB HDD used for backup.

5 Save audio files in the [contents] folder.

## About folders within the [contents] folder

- **CD Library**  
Saves music ripped from music CDs.  
(Created when the CD ripping function is used.)
- **import**  
Saves music imported from a USB HDD or other source.  
(Created when music is imported from a USB HDD or other source.)
- **uploaded**  
Saves music uploaded to Soundgenic by operating another DLNA device.

Your music is now in Soundgenic.

## Saving Audio Files from a macOS

Access this unit from a personal computer running a macOS, and copy audio files to this unit.

### ● What to Prepare

- The Mac should be connected to the same router as Soundgenic.

### Install "LAN DISK CONNECT".

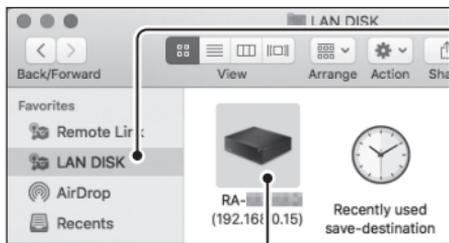
This is an application to access Soundgenic. Please access the following Web page, and install it on your Mac.

<https://www.iodata.jp/ssp/soundgenic/en/#landiskconnect>

### ● Procedure

1 Launch the Finder.

2



Click [LAN DISK].



Double-click [RA-xxxxxx].

### IF the [RA] is not shown.

Connect the Mac on which settings are to be made to the same router as the one used by this unit.

3



Double click the [contents] folder.

### About folders other than the [contents] folder

---

- **usb1**  
Music within the USB HDD used for sharing. Specifically for loading music to be saved. Connect the USB HDD to the Mac and add and delete music.
- **bkup**  
Music within the USB HDD used for backup.

## 4 Save audio files.

Save audio files in the [contents] folder.

### About folders within the [contents] folder

---

- **CD Library**  
Saves music ripped from music CDs.  
(Created when the CD ripping function is used.)
- **import**  
Saves music imported from a USB HDD or other source.  
(Created when music is imported from a USB HDD or other source.)
- **uploaded**  
Saves music uploaded to Soundgenic by operating another DLNA device.

Your music is now in Soundgenic.

## Confirming free space

Confirm the amount of free space available within Soundgenic.

### 1 Launch fidata Music App

### 2



Tap  on the lower left

\* When not displayed on the lower left, flick the screen to switch screens.

### 3



The amount of free space is displayed.

\* If the information is not displayed, tap [RA] under the gray.

### Deleting music in Soundgenic

Music can be deleted using the fidata Music App file operation.

For more information, please see the Detailed Guide.



The free space in Soundgenic was confirmed with this operation.

# Playing Music

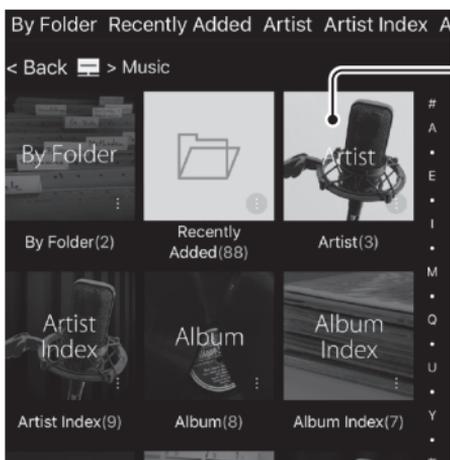
Detailed Manual »



Play music using fidata Music App.

## 1 Launch fidata Music App

## 2



Tap “Artist” or “Album”, etc. to display the music you want to play

### When music cannot be found

- After tapping  in the upper right of the screen, tap [Soundgenic] > [Music].
- If  is not in the upper right of the screen, flick the screen to switch panes (screen division).
- Check the power supply to Soundgenic.

3



Tap the music to register it to the playlist.

⇒ The tapped music is registered on the right side (playlist pane).

#### If music cannot be registered

Tap  in the lower right, and select a renderer (player).

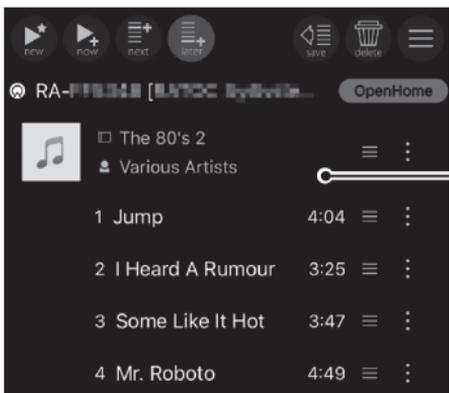
4

Swipe the screen to display another one-side pane (playlist pane)

\* For tablets, 2 panes are displayed, so this process is unnecessary.



5



Confirm the music registration

#### Changing the order of registered music

Drag  on the right of the track name or album name to change the track listing.

## Deleting a music registration

- For iOS  
Flick the music to the left, and tap the displayed [Delete] option.
- For Android  
Flick the music to the left edge.

## Changing music registration rules

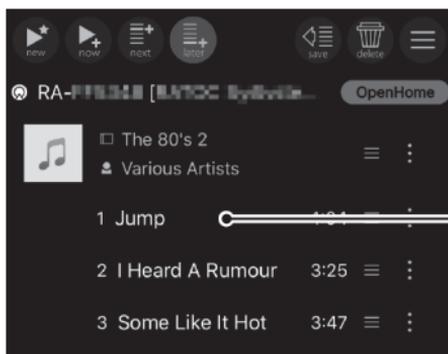
-  (new): Plays the tapped music. Erases other music from the playlist. (Select and play from the playlist)
-  (now): Registers the tapped music at the end of the playlist. Also plays registered music.
-  (next): Registers the tapped music to play after the music that is currently playing.
-  (later): Registers the tapped music at the end of the playlist. (Default)

## Saving playlists

The current playlist can be saved on this application as a local playlist by tapping  (save). For more information, please see the Detailed Guide.

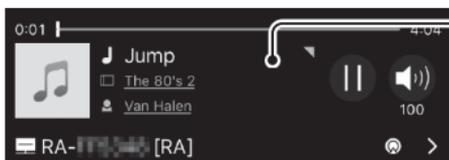


6



Tap the music to play first  
⇒ The music starts to play.

7



Tap the track information

8



The track information and artwork is displayed larger. Enjoy the music.

## Returning to the original screen

Tap near the track name to return to the original screen.

# Enjoy Spotify music

Spotify is a music streaming service that provides access to a wide variety of music genres from around the world via the Internet. You can use your smartphone or tablet as a remote control to enjoy Spotify music from a USB-DAC or other device connected to Soundgenic.



For more information, please visit <https://spotify.com/connect>.

- \* You need to subscribe to the Spotify Premium or Spotify Free service.
- \* Soundgenic and your mobile device must be connected to the same network.
- \* The Soundgenic renderer must be running in OpenHome mode.

1 Launch the Spotify app, select a song, and play it.



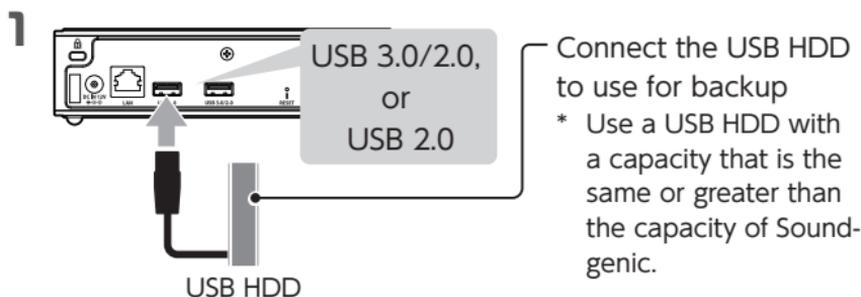
- \* If you are playing music other than Spotify from a USB-DAC or other device connected to Soundgenic, the music playing will be stopped and switched when you start playback using this function.
- \* The service is subject to change without notice.
- \* The Spotify software is subject to third party licenses found here: <https://www.spotify.com/connect/third-party-licenses>.



# Backing up music

Music imported to Soundgenic's internal disc can be saved on a connected USB HDD.

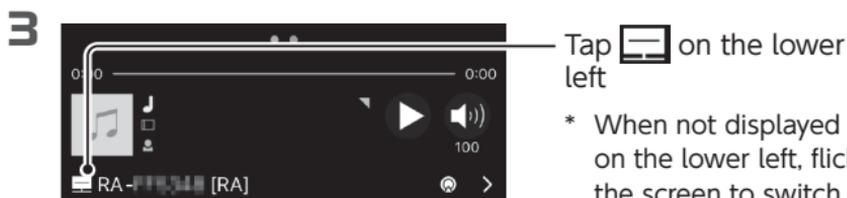
## Registering a USB HDD for backup



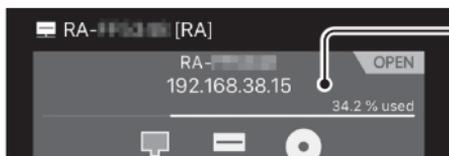
### Caution: Do not connect another USB device in this procedure

The USB HDD (for backup) is registered for backup, and the data inside it is erased. To prevent accidentally erasing your important data, connect only 1 USB HDD with this operation.

## 2 Launch fidata Music App



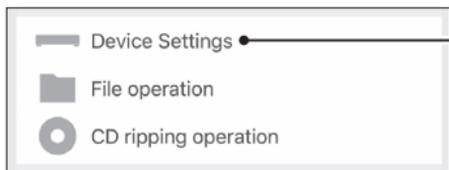
4



Tap the gray area

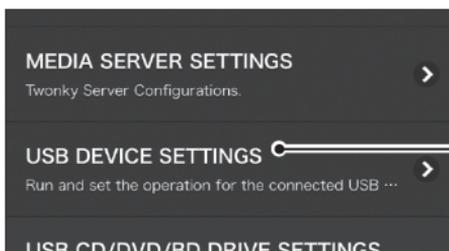
\* If you cannot tap it, tap [RA] under the gray.

5



Tap [Device Settings]

6



Tap [USB DEVICE SETTINGS].

7



Select [Registration of the device for backup].



Tap [NEXT].

8

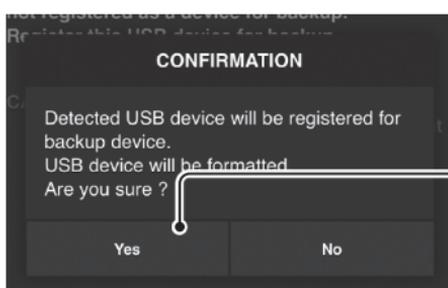
Detected the connection of USB devices that are not registered as a device for backup.  
Register this USB device for backup.

CAUTION: USB device is formatted If run the registration. In addition, the data that is stored in the internal disk will be erased.

REGISTRATION

Read the precautions, and tap [REGISTRATION].

9



Tap [Yes].

10

Registering....  
Please don't operate this product until the registration of device for backup is completed.

Wait until the USB HDD is registered

11

Succeeded to register the device for backup.

If save the data backup to the USB device will be run at any time.

If you delete the data, data that has been backed up to a USB device is not automatically deleted.

Backup data of USB devices that are no longer needed, please delete manually.

Check that "Succeeded to register the device for backup." is displayed

This registers the USB HDD for backup.

Music will now be backed up simply by connecting to this USB HDD (for backup).

### Remove the USB HDD

---

Do not remove the USB HDD until after the power supply to Soundgenic has been turned off.

To back up music, avoid connecting the USB HDD (for backup) sporadically. The difference shall be backed up.

For information about how to remove the USB HDD while the power to Soundgenic is on, see the Detailed Manual.



### Be sure to occasionally organize backed up music.

---

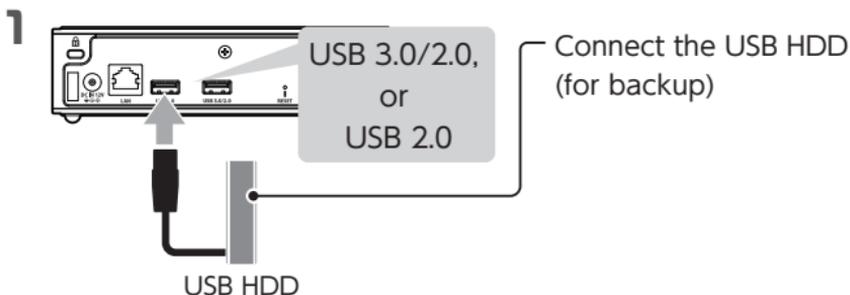
Repeatedly adding and deleting music will strain the capacity of the USB HDD (for backup).

Please refer to “Deleting music files” in the Detailed Guide and delete unnecessary music from inside the “bkup” folder.

If the USB HDD (for backup) becomes full, the indicator will be lit red and you will be unable to perform backup.

## Restoring music from the USB HDD (for backup)

---



## 2 Launch fidata Music App

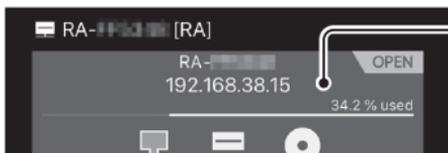
### 3



Tap  on the lower left

\* When not displayed on the lower left, flick the screen to switch screens.

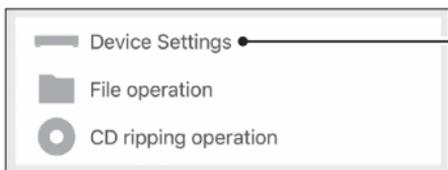
### 4



Tap the gray area

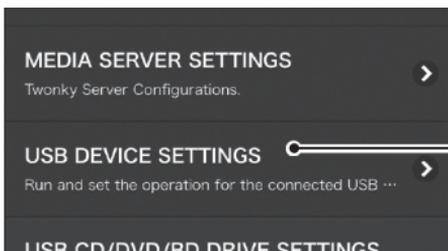
\* If you cannot tap it, tap [RA] under the gray.

### 5



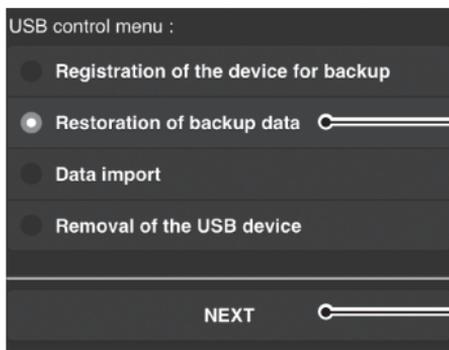
Tap [Device Settings]

### 6



Tap [USB DEVICE SETTINGS].

7



Select [Restoration of backup data]



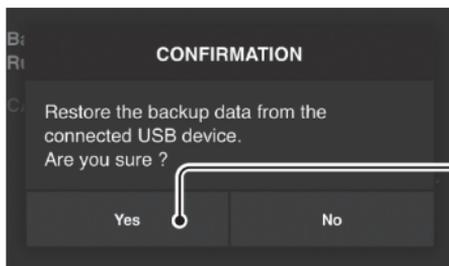
Tap [NEXT].

8

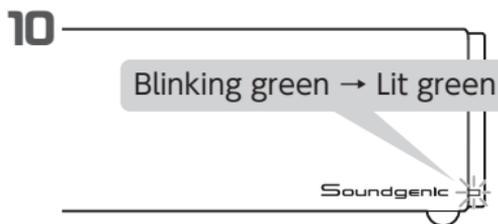


Read the precautions, and tap [RESTORE]

9

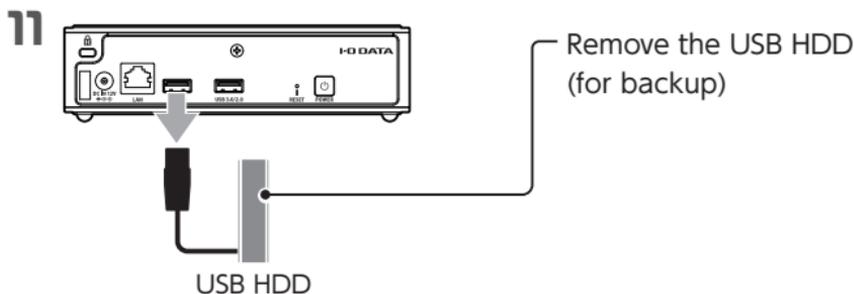


Tap [Yes].  
⇒ Music restoration begins.



The indicator lamp will blink, so wait until it returns to being lit

\* Do not remove the USB HDD while the indicator is blinking.



### When you want to continue backup

After removing the USB HDD (for backup) once, reconnect it.

The music will be restored.

# Appendix

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## Operating Environment

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**For more information, please see the product page**

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<https://www.iodata.jp/ssp/soundgenic/en/#spec>

### ▼ If using as a network audio server

Can be used by connecting to a UPnP AV compliant network audio player.

- Supported file formats (extensions)\*  
wav mp3 wma m4a m4b ogg flac aac mp2 ac3 mpa aif  
aiff dff dsf

\* Cannot play music files in formats that are not supported by the network audio player.

## ▼ If using as a network audio player (USB-DAC connection)

Can be used by connecting to a USB-DAC that supports USB Audio Class 2.0.

You can use an application supported by Open Home Media or a DLNA compatible DMC (Digital media Controller) application as the controller app.

- Supported file formats (extensions)\*1

aif aiff flac m4a wav	PCM processing / PCM conversion
dff dsf	DoP processing (DSD native)
aac mp3 ogg	PCM conversion

- Output formats (sampling rates)\*1

PCM format	44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz, 352.8kHz, 384kHz, 705.6kHz*2, 768kHz*2
------------	--

DSD format (DoP)	2.8MHz, 5.6MHz, 11.2MHz
------------------	-------------------------

- Output formats (number of quantization bits)\*1

PCM format	16bit, 24bit, 32bit
------------	---------------------

DSD format (DoP)	1bit
------------------	------

\*1 Cannot play music files in formats that are not supported by the USB-DAC.

\*2 wav and aiff only

## Hardware Specifications

For more information, please visit the product page from our Web page (page 42).

<b>LAN interface</b>	<b>Transmission standard</b>	1000BASE-T / 100BASE-TX / 10BASE-T
	<b>Connector</b>	RJ45 (Auto-MDI/MDI-X supported)
<b>USB port</b>	<b>Connector</b>	USB3.0×1 USB2.0×1
<b>Network</b>	<b>Supported standards</b>	UPnP AV
<b>Dimensions (excluding protrusions)</b>		168 (W) × 134 (D) × 43 (H) mm
<b>Range of operating temperatures</b>		5–35°C
<b>Range of operating humidities</b>		20–80% (no condensation)

# Safety

## For Safe Use

The precautionary items described here are intended to ensure safe and correct use of this product, and to prevent harm to users and damage to property.

Please be sure to follow these precautions when using this product.

### •WARNING and CAUTION indications

 WARNING	This indicates a risk of death or serious injury if this precaution is not followed.
 CAUTION	This indicates a risk of injury or damage to surrounding items if this precaution is not followed.

### •Meaning of symbols

	Prohibited
	Follow instructions



## WARNING

 Do not repair, alter, or dismantle this product.  
It could cause a fire or electric shock, burn, or failure.

 When you hear thunder, do not touch this product or the AC adapter.  
It could cause a fire or electric shock, burn, or failure.

 Do not place items that interfere with heat dissipation near this product.  
It could cause a fire.

 Do not allow foreign matter (such as liquids or metal) inside this product.  
Do not allow liquids such as coffee, or metal items such as paper clips, to enter the interior of this product.  
Take special care not to allow foreign matter to stick to the top surface connector.  
It could cause an electric shock or fire.

 **Do not connect while it is broken or malfunctioning.**  
Be sure to remove all devices if this product is broken or malfunctioning. If you use it as it is, it could cause a fire, electric shock, or breakdown.

 **Stop use immediately if smoke comes out, or there are any strange smells or sounds.**  
If you use it as it is, it could cause a fire or electric shock.

 **Keep small parts of this product (such as screws) out of the reach of children.**  
If they are swallowed accidentally, they could cause suffocation or block the stomach, etc. In the unlikely event that they seem to have been swallowed, please consult a physician immediately.

 **Be sure to turn off the power to the personal computer, peripheral devices, and this product, and remove the plug from the electrical outlet before installing, removing, or moving this product.**  
You could get an electric shock.

 **Do not use this product in places that are wet or have a lot of moisture.**  
If water or detergent is applied to this unit, it could enter the inside through gaps and cause a fire or electric shock.

- Be especially careful when using in a bathroom, in rainy weather, during snowfall, at the seashore, or near water.
- Do not put anything containing water (a cup, vase, etc.) on or near this unit.
- Do not touch this product for any reason if it gets wet.

## ▼ Regarding the power source (AC adapter, cord, and plug)

 **Do not use any AC adapter or power cord other than those specified or supplied with this product.**  
The power cord could emit smoke or cause a fire.

 **Do not connect the included AC adapter or power cord to any other devices.**  
It could cause a fire or electric shock.  
The included AC adapter and power cord are for use with this product exclusively.

-  **Do not use near items that have high heat or moisture retaining properties, such as rugs, sponges, cardboard, or polystyrene.**  
It could cause a fire.
-  **Do not place cords or wires near heating equipment.**  
The coating of the power cord could be damaged, causing a fire or electric shock.
-  **Do not place anything on the power cord or AC adapter, or otherwise pull, bend, place pressure on, or alter them.**  
Do not use the power cord in a twisted or bent state.  
The core of the power cord (the part electricity flows through) could be damaged, causing shorts, fire, or electric shock.
-  **Only connect to AC 110 V (50 Hz) electrical outlets.**  
There is a risk of fire or heat build-up.
-  **Do not pull on the power cord when pulling out the power plug.**  
Hold on to the plug and pull it out. The power cord could be damaged, causing a fire or electric shock.
-  **Do not connect to a loose electrical outlet.**  
Ensure the power plug is firmly inserted all the way into the electrical outlet. If there is still looseness even after the plug is fully inserted, do not connect the plug to the electrical outlet. Heat could build up, causing a fire.
-  **Remove the power plug from the electrical outlet immediately if it emits smoke, or if there is a strange smell or sound.**  
If you use it as it is, it could cause a fire or electric shock.
-  **Clean around the electrical outlet on a regular basis.**  
Plugs left inserted in electrical outlets gather dust, which can cause heat retention and other effects that can cause a fire. (Tracking phenomenon)  
Regularly remove the power plug and wipe it clean with a dry cloth.
-  **Use power strips within their rated capacity, and do not overload them with multiple plugs and extensions.**  
If a power strip's rated capacity (described as 1500 W, for example) is exceeded, the power strip could overheat and cause a fire.



## CAUTION



**Do not step on this product.**  
It could cause damage or injury. Be especially cautious of small children.



**Do not put this unit in an area where the wires go through a place that people pass through.**

If someone trips on a wire it could cause an injury.



**Do not touch a fixed spot on this product continuously for a long time.**

This product may feel hot when it is used for a certain amount of time.

Touching a fixed spot on this product continuously for a long time could cause a low temperature burn.

## Caution in Use

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### [Important] Regularly back up data.

This product is a precision device. Data may be lost depending on the reason for sudden failures, etc.

As a precaution, always perform regular back ups\* of important data that is saved in this product.

Our company takes no responsibility for any loss or damage to any data saved on this product or other products connected to this product.

In addition, our company cannot repair, restore, or reproduce any record contents.

Please be aware that our company takes no responsibility if data could not be saved on this product due to any cause, for any reason.

\* To "back up" means to make a duplicate of your data and save it on separate storage media (such as HDD, BD, DVD, etc.) in order to protect the data stored on this product. (Moving data is not the same as "back up". To "back up" data means to have the same data saved in two separate locations.)

This method is safe because it allows you to use the remaining data in the event that one copy of your data is lost due to malfunction or human error. Always back up your data as preparation for unexpected circumstances.

### Cleaning

To remove dust or dirt from this product, remove the power cord and then gently wipe it off with a soft, clean cloth.

- If the product is terribly dirty, wet a cloth with a neutral detergent that has been sufficiently diluted with water, wring out the cloth thoroughly and then wipe off the dirt. Finish by wiping the product with a dry cloth.
- Do not use benzene, thinner, alcohol, disinfectant, chemical wipes, cleaners or cleaning papers, etc. These may cause damage such as deterioration or cracking.

### [Important] Cautions on Transfer and Disposal

- In order to avoid problems such as information leaks, be sure to completely erase data by completely erasing the built-in disk during system initialization or other means.
  - \* About music on the HDD  
Transferring the HDD to another party without deleting the music and other data on the HDD may violate copyright laws.
- Be sure to dispose of this product in accordance with the regulations of the local government.

- Please use Soundgenic on a local network.  
It is extremely dangerous to assign a global IP address to Soundgenic and directly make that publicly known on the Internet. If you want to make this unit's IP address publicly known, please ensure security so that this unit is not subject to an attack via the Internet.
- It is necessary to correctly set the time on Soundgenic. It is recommended to use a setting that synchronises with a time server in an environment with internet connectivity.
- If there is an extremely large volume of data written in Soundgenic's built-in disk, it may take a long time than normal for Soundgenic to start up.
- Do not disconnect the power cord or turn off the power to Soundgenic while the indicator is blinking. It could cause a failure or loss of data.
- It may not be possible to access Soundgenic due to firewall software. If this happens, authorize access for ports No. 137 to 139, and No. 445 on the firewall software side.

# Troubleshooting

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**[Important] Please ensure this unit has the latest firmware and software.**

To ensure you are covered by the hardware warranty of this unit, please always update the firmware (internal software) or software to the latest version provided by us.

If it is not the latest version, you may not be covered by the warranty.

\* If you are connected to the Internet, this unit has a function to automatically get the latest version. Please see [The front indicator is lit in orange.] below.

## The front indicator is lit in orange.

- **A new version of firmware for this unit has been detected.**

Please turn off the power supply to this unit, and then turn it on again.

This firmware for this unit will be updated to the latest version.

## RA-xxxxxx is not displayed.

- **Your smartphone, tablet, or personal computer is not connected to the same network as Soundgenic.** Connect your smartphone, tablet, or personal computer to the same router as Soundgenic.

### The front indicator is lit in red.

- **There may not be enough space on the USB HDD for storing backup data.**

Please access the backup destination (bkup folder) from a PC, and delete any unnecessary files.

[Saving Audio Files] (page 12)

- **There may be a problem with the USB HDD used for backup.**

Please check whether the USB HDD is connected correctly. If it is connected correctly, there is a possibility that the USB HDD has failed.

In addition, please use this unit to format the USB HDD when connecting it for the first time.

- **There may be a problem with the built-in disk of this unit.**

After removing the USB HDD, please turn off the power to this unit and then turn it on again. If the indicator is lit in red, a problem has occurred with the built-in disk.

Contact the dealer you purchased this product from, or the customer service centre of your sales representative.

- **There was a problem with importing while importing a music CD.**

[If the music CD is ejected immediately, or the indicator is lit red.] (page 21) .

### Track information was not included for the music track that was imported from the music CD.

- **The music track was imported, but track information could not be found with Gracenote.**

If you only want to import music when track information was found, set "Gracenote settings" > "No track information" in [USB CD/DVD/BD drive settings] to [Do not import] (initial value) on the settings screen.

**There is noise or the sound suddenly cuts out while playing music from a USB-DAC.**

- **This is because the music is being played at a high rate.**  
If the USB-DAC is connected to the USB 2.0 port, it may be improved by switching it to connect to the USB 3.0/2.0 port.

**Gapless playback cannot be performed.**

- **The load on the system is temporarily rising.**  
Media server database construction or settings changes, etc. are raising the load on the system. Wait until these jobs are finished to play music.

#### **Examples of the occurrence timing of media server database construction**

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- While adding music
- Immediately after removing or inserting a USB HDD
- Immediately after start-up
- When inserting a music CD (during the CD transport function)
- After changing each type of setting
- When importing music from a USB HDD
- When executing the following items in media server settings  
Restarting the server, rescanning contents folders, and resetting to defaults.

#### **Checking whether database construction is being performed**

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Check by going to [Media server settings] > [Status]

#### 【關於使用軟體】

- 本產品包含 GNU General Public License Version3(GPLv3) 為基準的軟體。已完成變更的 GPL 對象模組, GNU General Public License 以及相關發佈相關的條款,請在如下網頁進行確認。

<http://www.gnu.org/licenses/gpl-3.0.en.html>

關於這些用原始碼發佈的軟體,敝司及其軟體製作者恕不負任何支援責任,敬請理解。

- 本產品包含為了使用 OpenSSL Project, OpenSSL Toolkit(<http://www.openssl.org>) 所開發的軟體。

本產品包含由 Eric Young(eay@cryptsoft.com) 所製作的加密軟體。

本產品包含由 Tim Hudson(tjh@cryptsoft.com) 所製作的加密軟體。

#### [Included software]

- This unit includes software based on the GNU General Public License Version 3 (GPLv3). For details of the changed modules covered by the GPL, GNU General Public License, and provisions relating to its distribution, please check the following web page.

- <http://www.gnu.org/licenses/gpl-3.0.en.html>

- Please note that we and the software authors cannot be liable for any and all support related to software that is distributed in these source codes.

- This unit includes software that was developed by the OpenSSL Project for use in OpenSSL Toolkit (<http://www.openssl.org>).

- This unit includes cryptographic software written by Eric Young (eay@cryptsoft.com).

- This unit includes software written by Tim Hudson (tjh@cryptsoft.com).

設備名稱： Soundgenic 音樂伺服器		· 型號(型式)：HDL-RA2TB				
Equipment name		Type designation (Type)				
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr <sup>+6</sup> )	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
電路板	○	○	○	○	○	○
外殼及配件	○	○	○	○	○	○
連接線	○	○	○	○	○	○
電源供應器	○	○	○	○	○	○
包裝材料	○	○	○	○	○	○
硬盤驅動器	○	○	○	○	○	○
<p>備考 1. “超出 0.1 wt %” 及 “超出 0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。  Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.</p> <p>備考 2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。  Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>備考 3. “-” 係指該項限用物質為排除項目。  Note 3 : The “-” indicates that the restricted substance corresponds to the exemption.</p>						

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# I-O DATA

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產品外觀規格與設計，以實品為主

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