

DSI 6

用戶手冊



SPERO 16

用戶手冊

angular soundlight



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FCC 聲明
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加拿大 聲明
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P.I

感謝您選擇 DUOMONDI!

為確保正確操作，請在使用產品前仔細閱讀本用戶手冊和安全說明。閱讀本手冊後，請務必妥善保管以備日後參考。

如果您對新設備有任何疑問，請聯繫支援：

<https://www.duomondi.com/support>

SPERO 16 angular soundlight 是一個令人興奮的無線揚聲器系統，包括令人驚嘆的燈光效果，讓您可以欣賞來自任何藍牙音頻源或外部模擬音頻源的音樂。

SPERO 16 以出色的音質和令人興奮的燈光效果來滿足您的心情。

SPERO 系列產品具有先進的藍牙功能，如**Truewireless**立體聲配對和雙手機配對，以增強聲場，產品可用於多藍牙源。

免費的 **Android** 和 **iOS** 手機應用程式允許輕鬆定制 **SPERO** 的音頻音調和視覺效果。



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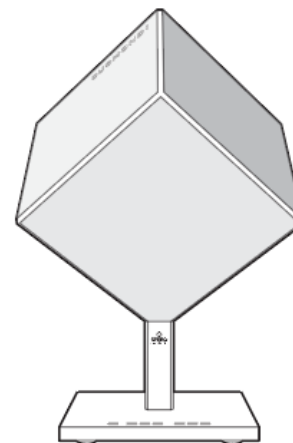
DUOMONDI®

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DUOMONDI®

SPERO 16



Thank you for choosing DUOMONDI!

To ensure proper operation, please carefully read this owner's manual and safety instruction before using the product. After reading this manual, be sure to keep it for future reference.

Should you have any questions about your new device please contact support at: <https://www.duomondi.com/support>

The SPERO 16 angular soundlight is an exciting wireless loudspeaker system including stunning lighting effects allowing you to enjoy music from any Bluetooth audio source or external analog audio sources.

The SPERO 16 suits your mood with fantastic audio quality complemented with exciting lighting effects.

The SPERO family of products have advanced Bluetooth functions such as Truewireless Stereo Pairing and Dual phone pairing to enhance the sound stage and make the product useful to more than one Bluetooth source.

Complimentary Android & iOS mobile phone applications allow easy customization of the SPERO's audio tonality and visual effects.

Trademark Notice



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開箱

每台 SPERO 16 均按照最高標準製造，並在出廠前經過徹底檢查。到貨後，仔細檢查包裝。如果發現任何損壞，請立即通知零售商或運輸公司。檢查包裝中是否提供以下部件：

- A. SPERO 16 angular soundlight
- B. 充電器
- C. 交流插座適配器
- D. 快速入門指南

連接

SPERO 16 具有無線藍牙連接功能。音頻和電源連接可以通過位於底座背面的端口進行。

入門

連接電源

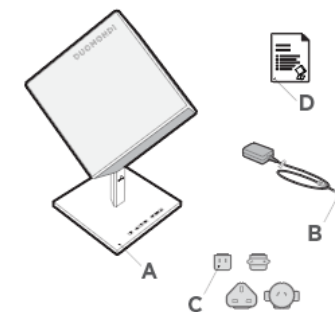
- (1) 將隨附的交流插座適配器連接到電池充電器
- (2) 將電池充電器連接到電源插座
- (3) 將電池充電器電纜連接到 SPERO angular soundlight 上

SPERO 16 需要 12VDC @ 3.75A 電源適配器。
僅使用經批准的電源此設備的供應：
東莞市東頌電子有限公司
型號：DYS850-120375

Unpacking

Each SPERO 16 is built to the highest standard and thoroughly inspected before leaving the factory. Upon arrival, carefully inspect the packaging. If you find any damage, immediately notify the retailer or shipping company. Check that the following parts are supplied within the package:

- A. SPERO 16 angular soundlight
- B. Battery Charger
- C. AC Socket Adaptors
- D. Quick start guide



Connectivity

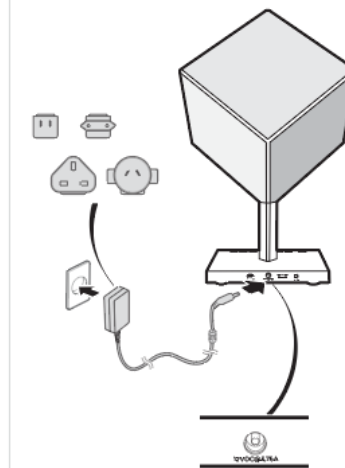
The SPERO 16 features wireless Bluetooth connectivity. Physical audio and power connections can be made via ports located on the rear face of the base.



Getting Started

Connecting the Power

- (1) Connect an appropriate AC socket adaptor to the battery charger
- (2) Connect the battery charger to the mains socket outlet
- (3) Connect the battery chargers cable to the SPERO angular soundlight



The SPERO 16 requires a 12V_{DC} @ 3.75A power adapter. Use only the approved power supply for this device:
DONGGUAN DONGSONG ELECTRONIC CO.,LTD
Model: DYS850-120375

P.3

電源控制

按住電源按鈕 3 秒鐘可打開/關閉產品

AUX 線路輸入模式

要將 **SPERO 16** 用作有源揚聲器，只需將 3.5 毫米音頻線從音樂源連接到 **Aux** 輸入接口並開始播放音樂

音樂串流藍牙模式

要使用藍牙音箱，請按照以下簡單步驟操作：

1. 確保揚聲器和您的藍牙設備（例如智能手機或平板電腦）的距離不超過 1 米（3 英尺）
2. 要啟動配對過程：
 - 按下 **SPERO 16** 底座上的藍牙按鈕
 - 開啟移動設備的藍牙功能，並設置設備
 - 搜索附近的藍牙設備搜索完成後，從藍牙設備列表中選擇**SPERO 16**
3. 配對後，確保 **SPERO 16** 和您的藍牙設備始終在 10 米（30 英尺）的距離內，以確保連接穩定（障礙物可能會縮短無線範圍）

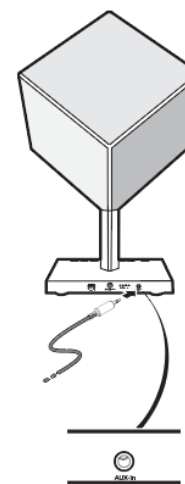
Power Control

Press and Hold the power button for 3 seconds to power ON/OFF the product



AUX Line-In Mode

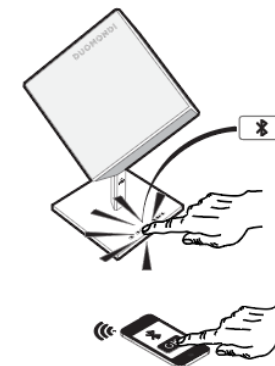
To use the SPERO 16 as an active loudspeaker, simply connect the 3.5mm audio cable from your music source to the Aux input connection and start playing music



Bluetooth Mode for Music Streaming

To use the Bluetooth speaker, please follow these simple steps:

1. Make sure the speaker and your Bluetooth-enabled device such as a smartphone or tablet are no more than 1 meter (3ft) away
2. To initiate the pairing process:
 - press the Bluetooth button on the SPERO 16 base
 - Enable your mobile device's Bluetooth function and set the device to search for nearby Bluetooth devices
 - After the search is completed, select the SPERO 16 from the Bluetooth device list



3. Once paired, ensure the SPERO 16 and your Bluetooth-enabled device are always within a 10-meter (30ft) distance to ensure stable connectivity (obstacles could shorten the wireless range)

概述

SPERO 16 提供原始的聲音和令人興奮的視覺燈光效果。聲音和燈光都可以在產品的基礎上以及通過 iOS 和 Android APP控制。

用戶控制

音量電平指示



電源開關

音頻控制

燈效控制

電源開關

電源開關

按住電源開關按鈕 3 秒 切換 SPERO 16 開關

音頻控制

音量降低

降低音量：單按

持續降低音量：長按

藍牙

進入配對模式：單按

音量增加

增加音量：單按

持續增加音量：長按

音量顯示

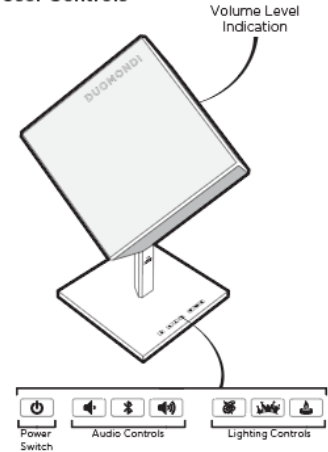
音量級別只能在藍牙音頻流式傳輸或插入外部 3.5 毫米音頻電纜時調節。當音量水平被修改時，音量水平在視覺上顯示為前中心邊緣上的發光音量水平指示器。

最低音量	最高音量
底部白	底部白
	中間綠
	頂部紅
音量	無聲
底部白	全紅
中間綠	發光

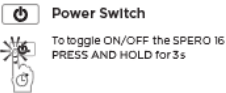
Overview

The SPERO 16 delivers pristine sound and exciting visual lighting effects. Both sound and lighting controls are accessible on the base of the product and via iOS and Android APP's.

User Controls



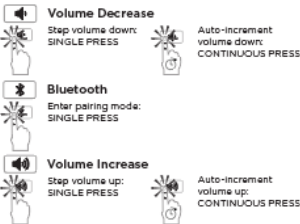
Power Switch



When the SPERO 16 power is turned on, it will announce "Power On"

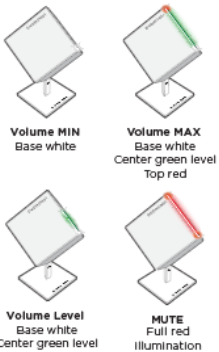
When the SPERO 16 power is turned off, it will announce "Power Off"

Audio Controls



Audio Level Display

The volume level can only be adjusted while the Bluetooth audio is streaming or while an external 3.5mm audio cable is inserted. The volume level is visually displayed as an illuminated volume level indicator on the front-center edge when the volume level had been modified.



真正的無線立體聲配對模式

真正的無線立體聲 (TWS) 技術使用藍牙信號使兩個獨立的揚聲器能夠作為單個無線立體聲對運行。

請先將 SPERO 16 揚聲器與您喜歡的音樂設備配對，然後再啟動立體聲配對。

在立體聲配對過程中，揚聲器將每 5 秒“嗶”一次，直到它們相互連接。SPERO 16 將繼續嘗試立體聲配對過程 60 秒。

兩台 SPERO 16 配對成功後，會提示“TWS Connected”

如果 SPERO 16 無法與其配套揚聲器連接，它將自動退出立體聲配對並提示“配對失敗”

進入立體聲配對模式
同時按住藍牙和音量增加按鈕 3 秒鐘，直到 SPERO 16 上的藍色脈衝圖案亮起

在兩個揚聲器上執行此過程

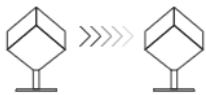
成功的立體聲配對
一旦每個 SPERO 16 成功相互連接，它們將通過照亮適當的角落來指示左或右音頻信號的白色連接狀態

如果指示錯誤
如果在成功配對後您發現 SPERO 16 的照明指示錯誤，這意味著您需要物理交換它們的位置

立體聲配對移除
如果您希望 Stereo Paired SPERO 16 再次變得單獨運作，您可以通過同時按下音量增大和音量減小按鈕來執行斷開連接過程

當您聽到“TWS 已斷開連接”的通知時，揚聲器已成功相互斷開連接

True Wireless Stereo Pairing Mode



STEREO PAIRING

The True Wireless Stereo (TWS) technology uses Bluetooth signals to enable two individual speakers to operate as a single wireless Stereo Pair.

Stereo Pairing should be initiated after first pairing one of the SPERO 16 speakers with your preferred music device.

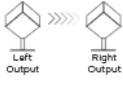
During the Stereo Pairing process, the speakers will “beep” every 5 seconds until they connect to one another. The SPERO 16 will continue to attempt the stereo pairing process for 60 seconds.

When the two SPERO 16's successfully pair with each other, they will announce “TWS Connected”

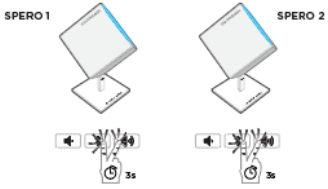
If the SPERO 16's are unable to connect with its companion speaker, it will exit the Stereo Pairing automatically and announce “Pairing Failed”

Enter Stereo Pairing Mode

Simultaneously Press and Hold the Bluetooth and Volume Increase buttons together for 3 seconds until a Blue-Pulsing pattern is illuminated on the SPERO 16

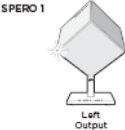
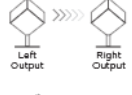


Do this process on both speakers



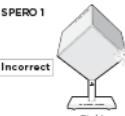
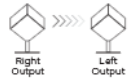
Successful Stereo Pairing

Once each of the SPERO 16's have successfully connected to one another, they will indicate their connection status of either a left or right audio signal by illuminating the appropriate corner White color

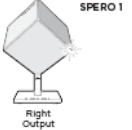
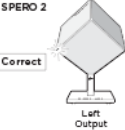


If Wrong Indication

If after successful pairing you notice the SPERO 16's have the wrong lighting indication, this means you need to physically swap their position



reposition

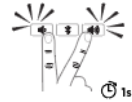


Stereo Pairing Removal

If you would like the Stereo Paired SPERO 16's to become independent again, you can perform the disconnection process by simultaneously pressing the Volume Increase and Volume Decrease buttons together at the same time.



The speakers are successfully disconnected from one another when you hear the announcement “TWS Disconnected”



藍牙雙配對

SPERO 16 支持藍牙多點技術，允許同時將兩個不同的藍牙源與 SPERO 16 配對。 這允許用戶輕鬆地在兩個連接的音樂源之間切換。

一次將兩個藍牙源連接到 SPERO 16。

然後要在音源之間切換，只需暫停一個音源上的音頻流並開始播放另一個源。 一次只有一個來源可以流式傳輸音樂。

USB 音頻設備

當連接到個人計算機時，SPERO 16 支持通過 USB-C 端口進行 USB 音頻串流傳輸。

將 USB-C 數據線連接到底座背面的 USB-C 端口。

在控制面板中選擇 SPERO 16 作為計算機音頻輸出源/播放設備，享受 48kbps 音樂串流。

燈效控制

SPERO 16 具有多種娛樂照明模式，每種模式內都有各種內置照明預設，以適應用戶的心情。

燈光預設分為三種娛樂模式：繪畫模式、派對模式和放鬆模式。 在這些娛樂模式中的每一種中，用戶都可以更改所需的照明效果以及該效果的調色板。

每種照明模式都有多達十個預定義的預設，可以通過按相應的模式按鈕循環切換。

每個模式的最後一個預設將禁用燈光效果。 這是“關燈”模式。

為獲得極致的燈光控制體驗，請下載適用於 iOS 或 Android 的配套 APP，以實現燈光效果的完全靈活性和自定義，例如： 亮度控制、自定義用戶定義顏色等等！

繪畫模式

靜態調色板（無燈光運動）
按一次激活繪畫模式

選擇下一種顏色的油漆效果：
單按

更改所選效果的顏色：
按住 3 秒

派對模式

令人興奮的音頻同步燈光效果
按一次激活派對模式

下一個派對效果：
單按

更改所選效果的顏色：
按住 3 秒

放鬆模式

流暢的燈光效果（運動燈光）
按一次激活放鬆模式

下一個放鬆效果：
單按

更改所選效果的顏色：
按住 3 秒

Bluetooth Dual Pairing



DUAL PAIRING

The SPERO 16 supports Bluetooth multipoint technology allowing to pair up to two different Bluetooth sources to the SPERO 16 at the same time. This allows the user to switch between two connected music sources easily.

Connect the two Bluetooth sources to the SPERO 16 one at a time.

Then to switch between sources, simply pause the audio stream on one source and start playing on the other. Only one source can stream music at a time.

USB Audio Device

The SPERO 16 supports USB audio streaming through the USB-C port when connected to a Personal Computer.



Connect a USB-C data cable to the USB-C port on the rear face of the base.

Choose the SPERO 16 as the computers audio output source / playback device in the Control Panel to enjoy 48kbps Music Streaming.



Lighting Controls

The SPERO 16 has several entertainment lighting modes with a variety of built-in lighting presets within each mode to suit the users mood.

Lighting presets are categorized into three entertainment modes: Paint Mode, Party Mode and Relax Mode. Within each of these entertainment modes the user can change the desired lighting effect as well as the color pallet for that effect.

Each lighting mode has up to ten predefined presets that can be cycled through by pressing the respective mode buttons.

The last preset of each mode will disable the lighting effects. This is the "lighting off" mode.

For an ultimate lighting control experience download the companion APP for iOS or Android to have complete flexibility and customization of the lighting effects such as; brightness control, custom user defined colors and more!



Paint Mode
Static color palettes (no lighting motion)
Press once to activate the paint mode



Select next color paint effect:
SINGLE PRESS



Change color of selected effect:
PRESS AND HOLD for 3s



Party Mode
Exciting audio synchronized lighting effects
Press once to activate the party mode



Next party effect:
SINGLE PRESS



Change color of selected effect:
PRESS AND HOLD for 3s



Relax Mode
Smooth lighting effects (motion lighting)
Press once to activate the relax mode



Next relax effect:
SHORT PRESS



Change color of selected effect:
PRESS AND HOLD for 3s

電池電量

SPERO 16 在底座背面有一個內置的可視電池電量指示器

電池電量由穩定、白色發光指示燈指示。

當產品連接直流電源時，電池電量會一直顯示。

當產品僅使用電池供電時，可以通過按下 SPERO 16 底座上的任何功能按鈕來檢查和查看電池電量 10 秒鐘

當電池電量低於 20% 時，建議連接 DC 電池充電器並讓 SPERO 16 充滿電，然後再取下充電器進行便攜使用

如果電池電量低於連續操作的允許限值，SPERO 16 將提示“電池電量低”並在電池電量完全耗盡時自動關機

充電

SPERO 16 的內置可充電電池讓您無需電線即可享受音樂並隨身攜帶。

為 SPERO 16 充電，請僅使用隨附的電源進行充電。

連接充電器

電池電量

電池充電，50%
充電完成

當電池充電器連接到 SPERO 16 時，發光的電池電量指示燈將閃爍以指示正在充電。

產品充電時將顯示當前電池電量。

SPERO 16 充電完成後，電池電量指示器將不再有任何閃爍指示。

電池電量

電池充滿，100%
電池電量 80%
電池 60%
電池 40%
電池電量不足 <20%
電池沒電

Battery Level

The SPERO 16 has a built-in visual battery level indicator on the rear face of the base

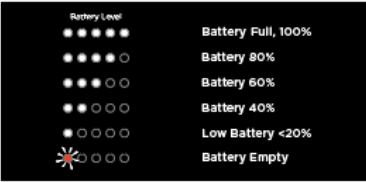
The battery level is indicated by steady, solid white, illuminated indicators.

When the the product has the DC power connected, the battery level will display at all times.

When the product is operating only on battery power, the battery level can be checked and viewed for 10 seconds by pressing any of the function buttons on the base of the SPERO 24

When the battery becomes lower then 20% it is recommended to connect the DC battery charger and let the SPERO 16 become fully charged before removing the charger for portable use

If the battery becomes lower than the allowed limit for continuous operation, the SPERO 16 will announce "Battery Low" and automatically power off when the battery becomes completely empty

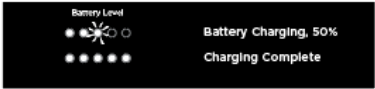
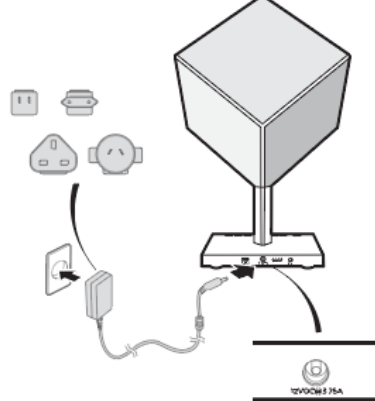


Charging

The SPERO 16's built-in rechargeable battery allows you to enjoy and bring your music with you without wires.

In order to charge the SPERO 16, please only use the included power supply for charging.

Connect the Charger



When the battery charger is connected to the SPERO 16, the illuminated battery level indicator will flash to indicate the charging is in progress.

The current battery level will be displayed while the product is charging.

Once the charging of the SPERO 16 has completed, the battery level indicators will no longer have any blinking indication.

固件升級

可以通過 DUOMONDI 的軟件更新來更新 SPERO 16 的用戶體驗。

為了更新您的 SPERO 16，您需要將 USB-C 數據線連接到運行 Windows 10（或更高版本）的個人計算機以及可從產品支持頁面下載的 USB 更新程序。

<https://www.duomondi.com/support>

1. 按住電源按鈕 3 秒鐘關閉 SPERO 16

2. 通過從 SPERO 16 底座背面拔除電源插頭來移除輸入電源

3. 將 USB-C 電纜連接到 SPERO 16 底座背面的固件更新端口

4. 將 USB 電纜連接到您的 Windows 10 或更高版本的個人計算機

5. 按住 SPERO 16 底座上的放鬆按鈕，同時重新連接直流電源線。不要鬆開放鬆按鈕

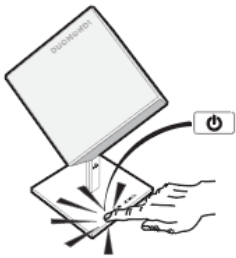
Firmware Update

The SPERO 16's User Experience may be updated via software updates from DUOMONDI.

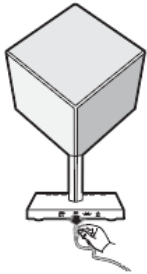
In order to update your SPERO 16 you will need a USB-C data cable to be connected to a personal computer running Windows 10 (or higher version) and the USB Updater Program which can be downloaded from the product support page.

<https://www.duomondi.com/support>

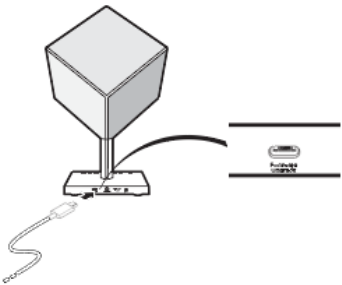
1 Switch off the SPERO 16 by pressing and holding the Power button for 3 seconds



2 Remove the input power by disconnecting the power supply plug from the rear of the SPERO 16 base



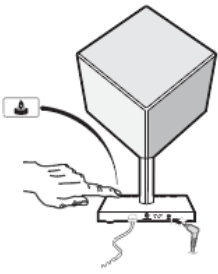
3 Connect the USB-C cable to the Firmware Update port on the rear face of the SPERO 16 base



4 Connect the USB cable to your Windows 10 or higher personal computer



5 Press and continue to hold the Relax button on the SPERO 16 base while at the same time reconnecting the DC power cable. DO NOT release the relax button



6. 繼續按下放鬆按鈕，直到 SPERO 16 的前中心邊緣顯示藍波照明效果。然後可以鬆開放鬆按鈕

7. 現在您可以運行用戶體驗 Windows 更新程序應用程序。更新過程中，前端 LED 燈會根據更新進度顯示不同的燈光效果：

- A. 退出申請按鈕
- B. 更新版本
- C. 互聯產品信息
- D. 註冊序列號
- E. USB 連接狀態
- F. 更新首選項
- G. 更新狀態欄
- H. 執行更新按鈕

8. 使用用戶體驗 Windows 更新程序應用程序，選擇您要更新的特定功能，然後按更新按鈕。更新過程大約需要；

- MCU 程序更新 ~10 秒
- FLASH 燈光效果更新 ~90 秒
- 藍牙更新 ~90 秒

總時間 ~4.5 到 5 分鐘

9. 觀看 SPERO 16 的更新進度。顏色和圖案指示每個步驟的進度

藍色波浪紋
固件更新模式就緒

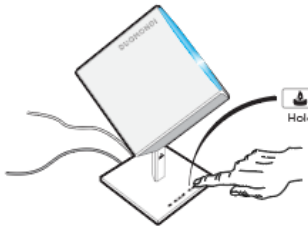
紅色進度條
MCU程序更新在進行

綠色進度條
MCU 內存更新在進行

藍色進度條
藍牙更新在進行

10. 更新完成後，應用程序將指示升級成功，SPERO 16 將自動關機

6 Continue pressing the relax button until the front center edge of the SPERO 16 displays a Blue Wave lighting effect. It is then okay to release the Relax button



7 Now you can run the User Experience Windows Updater Application. During the update process the front edge LED light shows different lighting effects according to the updating progress:



- A. Exit Application Button
- B. Updater Version
- C. Connected Product Information
- D. Registered Serial Number
- E. USB Connection Status
- F. Updating Preferences
- G. Update Status Bars
- H. Execute Update Button

8 Using the User Experience Windows Updater Application, select the specific features you wish to update then press the UPDATE Button. The Updating Process takes approximately:

- MCU Program Update -10 Seconds
- FLASH Lighting Effects Update -90 Seconds
- Bluetooth Update -90 Seconds

Total Time ~4.5 to 5 Minutes

9 Watch the Updating Progress on the SPERO 16. The color and pattern indicates the progress of each step



Blue Waving Pattern
Firmware Update Mode Ready



Red Progress Bar
MCU Program Updating Progress



Green Progress Bar
Flash Memory Updating Progress



Blue Progress Bar
Bluetooth Updating Progress

10 Once the Updating has completed the Application will indicate the successful upgrade and the SPERO 16 will automatically power off

Spero 手機應用程式

SPERO手機APP為您提供對SPERO角度聲光系統的終極控制和靈活性。該應用程式包括方便的燈光控制、音頻音調調整和所有娛樂功能的用戶自定義。

主菜單

通過主菜單，您可以快速訪問不同產品之間的切換、查看設備信息以及訪問 SPERO 娛樂系統的基本控件

- A. 用戶資料和應用偏好
- B. 獨立揚聲器選擇器
- C. 亮度控制
- D. 設備信息
- E. 燈光效果控制菜單
- F. 音效控制菜單
- G. 音源選擇控制
- H. 音量控制

音效調整菜單

音頻效果菜單提供基本的音調選擇器，用於簡單的音頻效果調整和高級音頻用戶的精確調整

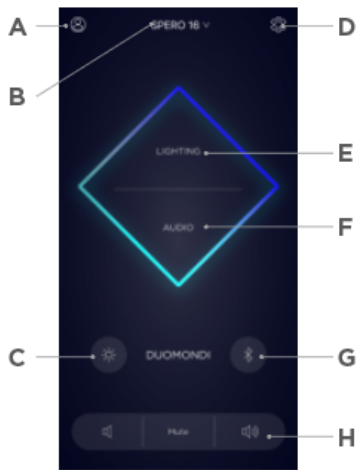
- A. 基本音頻模式
- B. 高級音頻模式
- C. 簡單的音調控制
- D. 高級均衡器控制
- E. 音頻預設
- F. 用戶定義預設

Spero Mobile Phone App

The SPERO Mobile Phone APP gives you ultimate control and flexibility of the SPERO angular sound light system. The App Consists of convenient lighting controls, audio tonality adjustment and user customization of all entertainment features.

Main Menu

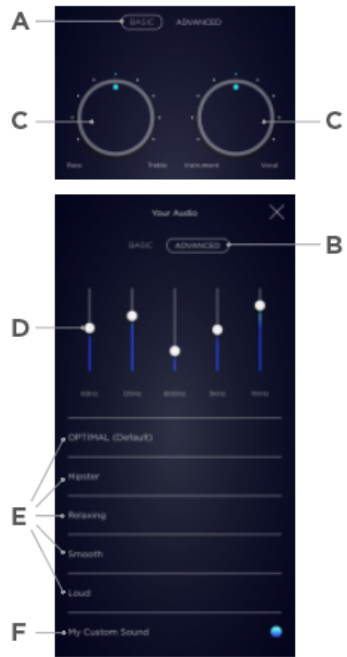
The Main Menu gives you quick access to switch between different products, see device information and have access to basic controls on the SPERO entertainment system



- A. User Profile & App Preferences
- B. Independent Speaker Selector
- C. Brightness Control
- D. Device Information
- E. Lighting Effects Control Menu
- F. Audio Effects Control Menu
- G. Source Selection Control
- H. Volume Controls

Audio Effects Adjustment Menu

The Audio Effects Menu offers basic tonality selectors for simple audio effects adjustment and precise adjustments for those advanced audio users



- A. Basic Audio Mode
- B. Advanced Audio Mode
- C. Simple Tonality Control
- D. Advanced EQ Control
- E. Audio Presets
- F. User Defined Preset

燈光效果預設菜單

燈光效果預設菜單允許用戶預覽 SPERO 16 內置視覺燈光效果的自助餐，并快速選擇自己喜歡的娛樂模式。

該菜單還提供對他們自己的自定義照明預設的快速訪問，並將它們保存為預設菜單頂部的收藏夾

- A. 用戶創建的照明預設
- B. 刪除/修改預設
- C. 自定義菜單
- D. 燈光預設（可滾動）

可定制的燈光效果菜單

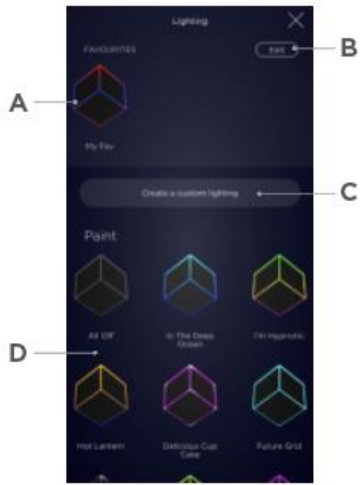
可自定義的燈光效果菜單使用戶能夠完全自定義 SPERO 16 的視覺燈光效果、選擇自己喜歡的顏色、創建燈光組合和將它們保存為帶有自定義名稱標籤的快速訪問預設

- A. 色彩效果位置選擇器
- B. 退出調色板選擇器
- C. 顏色托盤選擇器
- D. 保存用戶定義的預設
- E. 燈光效果菜單

Lighting Effect Preset Menu

The Lighting Effect Preset Menu allows users to preview the buffet of the SPERO 16's built-in visual lighting effects and quickly select their favorite entertainment mode.

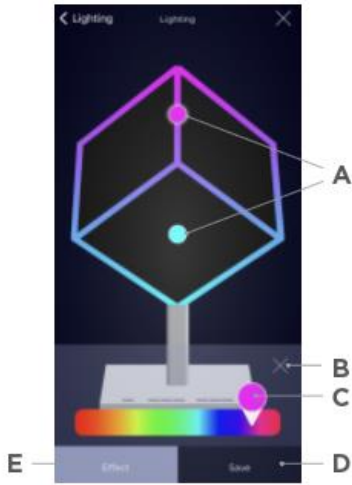
The menu also provides quick access to their own custom lighting presets and save them as favorites at the top of the preset menu



- A. User Created Lighting Presets
- B. Remove / Modify Preset
- C. Customization Menu
- D. Lighting Presets (Scrollable)

Customizable Lighting Effects Menu

The Customizable Lighting Effects Menu offers users the ability to completely customize the SPERO 16's visual lighting effects, choose their favorite colors, create lighting combinations and save them as quick access presets with a custom nametag



- A. Color Effect Location Selector
- B. Exit Color Pallet Picker
- C. Color Pallet Picker
- D. Save User Defined Preset
- E. Lighting Effects Menu

重要安全說明



此符號提醒用戶存在有關產品使用和維護的建議。



等邊三角形內帶有箭頭的閃電符號旨在提醒用戶產品外殼內存在未絕緣的危險電壓，其強度可能會構成電擊風險。



警告！本產品含有磁性材料。如果您對這是否會影響您的植入式醫療設備的操作有疑問，請聯繫您的醫生。



等邊三角形內的感嘆號旨在提醒用戶本指南中存在重要的操作和維護（維修）說明。



只能在室內使用
該電氣設備主要設計用於室內使用。



操作手冊；操作說明
此符號標識與操作說明相關的操作手冊，並表示在靠近放置符號的位置操作設備或控件時應考慮操作說明。



電子電氣設備
請將本產品在其使用壽命結束時將其帶到當地的此類設備收集點或回收中心進行處理。


一般注意和警告


- 閱讀這些說明。
- 保留這些說明。
- 注意所有警告。
- 遵循所有說明。
- 請勿在靠近水的地方使用本設備。
- 只能用乾布清潔。
- 不要堵塞任何通風口。
- 按照製造商的說明進行安裝。
- 請勿安裝在任何熱源附近，例如散熱器、熱調節器、火爐或其他產生熱量的設備（包括放大器）。
- 不要破壞極化或接地插頭的安全目的。極化插頭有兩個刀片，一個比另一個寬。接地插頭有兩個刀片和第三個接地插腳。提供寬刀片或第三爪是為了您的安全。如果提供的插頭不適合您的插座，請諮詢電工以更換過時的插座。
- 防止電源線被踩踏或夾住，尤其是在插頭、便利插座處以及它們從設備引出的地方。
- 僅使用柔軟乾燥的織物清潔產品。切勿使用液體清潔產品，因為這可能會損壞產品的化妝品表面。
- 只能與製造商指定的或隨設備一起出售的推車、支架、三腳架、支架或桌子一起使用。使用手推車或架子時，移動手推車/設備組合時要小心，以免翻倒造成傷害。
- 雷雨天氣或長時間不使用時，請拔下設備的電源插頭。


IMPORTANT SAFETY INSTRUCTIONS


General heed and warnings





 This symbol alerts the user to the presence of recommendations about the product's use and maintenance.


 The lighting flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated, dangerous voltage within the product enclosure that may be of magnitude to constitute a risk of electrical shock.

 WARNING! This product contains magnetic material. Contact your physician if you have questions on whether this might affect the operation of your implantable medical device

 The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this guide.

 For indoor use only
This electrical equipment is designed primarily for indoor use.

 Operator's manual; operating instructions
This symbol identifies the operator's manual that relates to the operating instructions and indicates that the operating instructions should be considered when operating the device or control close to where the symbol is placed.

 WEEE
Please dispose of this product at the end of its operational lifetime by bringing it to your local collection point or recycling center for such equipment.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Clean the product only with a soft and dry fabric. Never use liquid cleaning products, as this may damage the products cosmetic surfaces.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.

- 避免將產品放置在陽光直射的位置或靠近任何產生紫外線（紫外線）光的設備，因為這可能會改變產品表面光潔度並導致顏色變化。
- 產品產生的音頻振動可能會導致其他物體移動，確保鬆散的物體不會有掉落到產品或人身上並造成人身或物體損壞的風險。
- 為防止可能的聽力損傷，請勿長時間以高音量收聽。
- 將所有維修交給合格人員。當設備以任何方式損壞時需要進行維修，例如電源線或插頭損壞、液體濺入或物體掉入設備中、被雨淋或受潮、無法正常運行或掉了。
- 對於可插拔設備，主電源插座應安裝在設備附近且易於觸及。
- 請參閱產品底部的銘牌、電氣額定值和安全說明。
- 注意：這些維修說明僅供合格的維修人員使用。為降低觸電風險，除非您有資格，否則請勿執行操作說明中未包含的任何維修。
- 警告：只能使用製造商指定或提供的附件/配件（如專用電源適配器、電池等）

FCC聲明

本設備已經過測試，符合 **FCC** 規則第 **15** 部分關於 **B** 類數字設備的限制。 這些限制旨在為住宅安裝中的有害干擾提供合理的保護。 本設備會產生、使用和輻射射頻能量，如果不按照說明進行安裝和使用，可能會對無線電通信造成有害干擾。 但是，不能保證在特定安裝中不會發生干擾。 如果此設備確實對無線電或電視接收造成有害干擾，這可以通過關閉和打開設備來確定，鼓勵用戶嘗試通過以下一種或多種措施來消除干擾：

1. 重新定向或重新定位接收天線。
2. 增加設備與接收器之間的距離。
3. 將設備連接到與接收器連接的電路不同的電路上的插座。
4. 向經銷商或有經驗的無線電/電視技術人員尋求幫助。

FCC輻射暴露聲明

本設備符合針對不受控制的環境規定的 **FCC** 輻射暴露限制。 必須按照提供的說明安裝和操作此設備，並且必須安裝用於此發射器的天線，以便與所有人保持至少 **20** 厘米的間隔距離。 本設備符合 **FCC** 規則的第 **15** 部分。 操作需滿足以下兩個條件：

FCC Statement

- Avoid placing the product in a location under direct sunlight or near any appliance that generates UV (Ultra Violet) light, as this may change the product surface finishing and cause a change in color.
- Audio vibrations created by the product may cause other objects to move, ensure that loose objects are not at risk of falling onto the product or persons and cause personal or object damage.
- To prevent possible hearing damage, do not listen at high volume levels for long periods.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- For PLUGGABLE EQUIPMENT, the Mains power outlet shall be installed near the equipment and shall be easily accessible.
- Please see the bottom of the product for nameplate, electrical rating & safety instructions.
- **CAUTION:** These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- **WARNING:** Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery, etc.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1. 此設備可能不會造成有害干擾，並且
- 2. 此設備必須接受任何接收到的干擾，包括可能導致意外操作的干擾。

警告！ 未經合規責任方明確批准的任何更改或修改可能會使用戶操作設備的授權無效。

加拿大聲明

本設備符合加拿大工業部免執照 **RSS**。操作需滿足以下兩個條件：

- 1. 此設備可能不會造成乾擾， 並且
- 2. 此設備必須接受任何干擾，包括可能導致設備意外運行的干擾。

該設備符合 **RSS 102** 第 **2.5** 節中常規評估限制的豁免和 **RSS-102** 射頻暴露合規性，用戶可以獲得加拿大有關射頻暴露和合規性的信息。
安裝和操作此設備時，散熱器與您的身體之間應至少保持 **20 厘米** 的距離。

CE聲明

製造商（Duomondi International Development Co. Ltd）特此聲明本設備符合指令 **1999/5/EC** 的基本要求和和其他相關規定。

- 1. this device may not cause harmful interference, and
- 2. this device must accept any interference received, including interference that may cause undesired operation.

CAUTION! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canadian Statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- 1. this device may not cause interference, and
- 2. this device must accept any interference, including interference that may cause undesired operation of the device.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

CE Statement

Hereby, Manufacturer (Duomondi International Development Co. Ltd), declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

技術規格

DUOMONDI SPERO 16

系統
型號 : DS16
功放額定功率：10 W 左/右聲道
25W 低音
頻率響應：45 - 19,000 Hz
最大聲壓級：96 dB¹
驅動器：2x 2” 換能器
4”低音炮
4”無源輻射器
模擬輸入：3.5mm 立體聲連接器
DSP : Kalimba® DSP
24 位音頻處理器
用戶可配置的 5 波段圖形
通過手機應用程序均衡器

一般規格

藍牙版本：V5.0
立體聲無線的真無線
模式和雙電話配對
藍牙配置文件：A2DP、AVRCP、SBC、AAC、BLE
頻段：2.400GHz - 2.483GHz ISM 頻段
/ <4dBm（2 級）
藍牙範圍：10 m / 30 ft（自由空間）
電源：12 VDC @ 3.75 A
尺寸（寬x高x深）：223x365x259 mm
重量：3.2 公斤

¹ 使用波峰因數 4 (12dB) 計算的 1 m 處的最大 SPL。

服務

- 獲取服務：
1. 請提供設備的序列號以供參考。
 2. 聯繫 <https://www.duomondi.com/support> 請向客服清楚完整地描述問題。
 3. 我們將與您聯繫以進行在線服務。
 4. 如果無法通過電話解決問題，您可能需要將設備送去維修。在這種情況下，您將獲得一個 RA（退貨授權）編號，該編號應包含在所有運輸文件和有關維修的通信中。運費由買方承擔。

任何修改或更換組件的嘗試該設備將使您的保修失效。 服務必須由授權的 DUOMONDI 服務中心執行。

清潔

只能使用柔軟的干布清潔外殼。 請勿使用任何含有酒精、氨水或研磨劑的溶劑、化學品或清潔溶液。 請勿在產品附近使用任何噴霧劑或讓液體濺入任何開口。

Technical Specifications

DUOMONDI SPERO 16	
System	
Model Numbel	DS16
Amplifier Rated Power	10 W Left/Right channels 25 W Sub
Frequency Response	45 - 19,000 Hz
Max SPL	96 dB ¹
Drivers	2x 2" transducers 4" subwoofer 4" passive radiator
Analog Input	3.5mm stereo connector
DSP	Kalimba® DSP 24-Bit Audio Processor User Configurable 5-Band Graphic Equalizer Via Mobile Phone App
General	
Bluetooth Version	V5.0 True Wireless for Stereo Wireless Mode & Dual Phone Pairing
Bluetooth Profile	A2DP, AVRCP, SBC, AAC, BLE
Frequency band	2.400GHz - 2.483GHz ISM Band / ≤ 4dBm (Class 2)
Bluetooth Range	10 m / 30 ft (free space)
Power supply	12 V _{cc} @ 3.75 A
Dimensions (WxHxD)	223x365x259 mm
Weight	3.2 kg

¹ Maximum SPL at 1 m calculated using crest factor 4 (12dB).

Service

- To obtain service:
1. Please have the serial number of the unit available for reference.
 2. Contact <https://www.duomondi.com/support> Please describe the problem clearly and completely to the Customer Service.
 3. You will be contacted back for online servicing.
 4. If the problem cannot be resolved over the phone, you may be required to send the unit in for service. In this instance, you will be provided with an RA (Return Authorization) number which should be included on all shipping documents and correspondence regarding the repair. Shipping charges are the responsibility of the purchaser.
- Any attempt to modify or replace components of the device will void your warranty. Service must be performed by an authorized DUOMONDI service center.

Cleaning

Use only a soft, dry cloth to clean the housing. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives. Do not use any sprays near the product or allow liquids to spill into any openings.

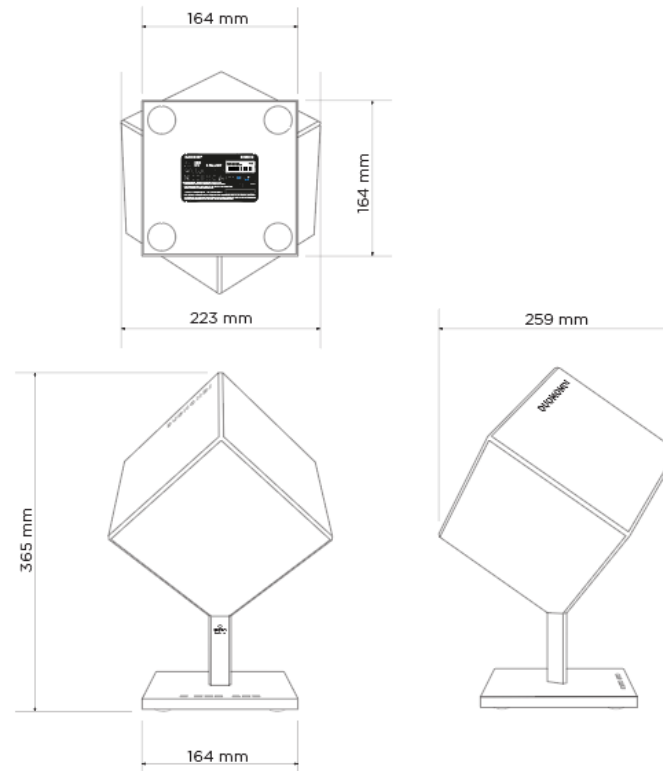
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大小和尺寸規格

DUOMONDI®

SPERO 16

Size & Dimensions



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可用顏色選項

沙
石頭白
木炭

DUOMONDI®

SPERO 16

Available Colour Options

