

# 資料投影機

## XJ-A135V/XJ-A145V/XJ-A155V/ XJ-A235V/XJ-A245V/XJ-A255V

### 資料投影機

### USB功能說明書

- 請務必閱讀另一本用戶說明書（基本操作）中的使用須知。有關設置資料投影機的詳情，請參閱用戶說明書（基本操作）。
- 請務必將所有用戶文件妥善保管以便日後需要時查閱。

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# 關於本說明書...

本說明書介紹當下列任何裝置連接在卡西歐資料投影機的USB埠上時的功能及操作。

- USB記憶裝置
- CASIO多功能投影相機 (YC-400/YC-430)
- CASIO圖形計算器 (fx-9860G系列)



註

- 要使用記憶裝置 (第5頁) 需要另購市賣USB碟或其他記憶器。
- 要使用卡西歐多功能投影相機或圖形科學計算器需要您另購必要的裝置。請注意, 這些產品在有些地區可能買不到。有關詳情請向您購買本資料投影機的經銷商或特約卡西歐代理商諮詢。

## 術語及習慣用語

在本說明書中, 有許多需要資料投影機及電腦平行執行的操作。下面介紹在本說明書中為區分資料投影機與電腦的操作而使用的特殊術語及習慣用語。

- **投影區**  
此為由資料投影機投射的全體長方形區域。有些資料投影機操作會使訊息或選單出現在投影區中。
- **電腦畫面**  
此為電腦的物理顯示裝置。

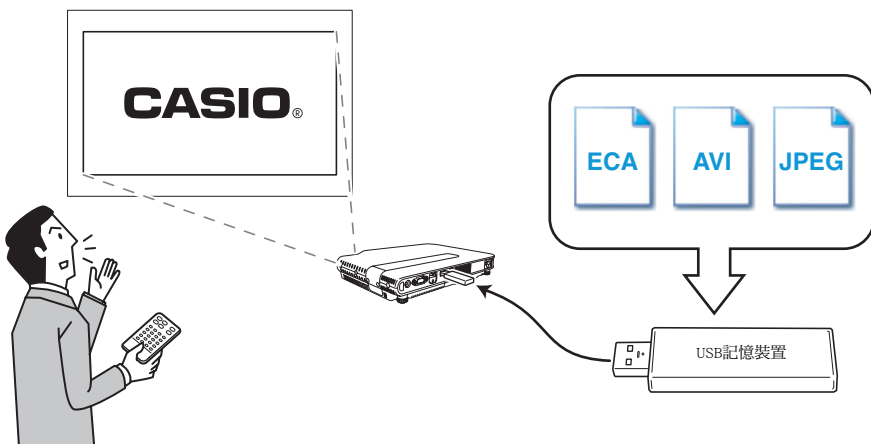
# 關於資料投影機的USB功能

資料投影機內置的USB埠用於連接外部USB裝置，您可用此裝置作為投射影像的輸入源。

## USB記憶裝置或記憶卡

在資料投影機的USB埠上連接了記憶裝置後，可以播放（投影）下列類型的檔案。

- ECA檔案（投影機的專用演示檔案）  
資料投影機附帶的EZ-Converter FA軟體能將PowerPoint檔案變換為ECA（.eca）檔案進行播放。  
請注意，未經變換的PowerPoint檔案不能播放。
- 影像檔案  
能播放8MB以內的JPEG格式（.jpg、.jpeg、.jpe；逐行掃描格式除外）或BMP格式（.bmp）的影像檔案。
- 動畫檔案  
能播放下列格式的動畫檔案。
  - 動態JPEG格式（.avi）
  - 最高資料傳送速度：15 Mbps
  - 解析度：1280 × 720, 640 × 480, 320 × 240
  - 最大幀速：1280 × 720為24fps，  
640 × 480及320 × 240為30fps
- 音頻格式：ADPCM

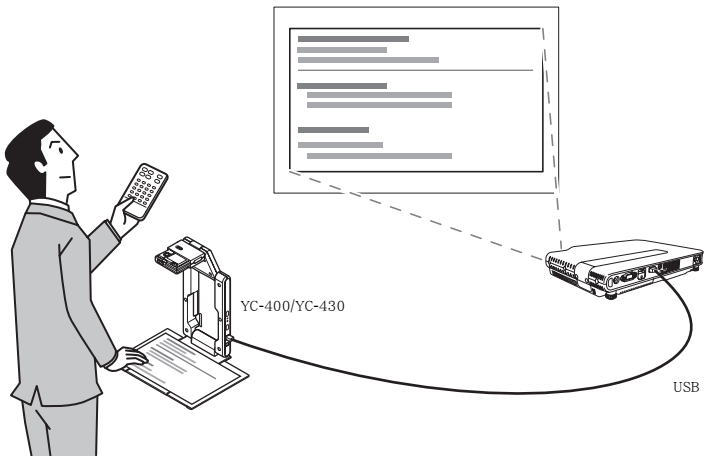


有關詳情請參照以下各節。

| 有關此項目的詳細說明：                 | 參照本說明書中的此節：                                      |
|-----------------------------|--|
| 將PowerPoint檔案變換為資料投影機能播放的檔案 | “如何使用EZ-Converter FA將PowerPoint檔案變換為ECA檔案”（第12頁） |
| 能插在資料投影機USB埠中的記憶裝置          | “如何在資料投影機上插入記憶裝置”（第18頁）                          |
| 用於投影記憶裝置中檔案內容的操作步驟          | “如何使用檢視器投影記憶裝置上檔案的內容”（第18頁）                      |

### 文稿相機 (CASIO YC-400/YC-430)

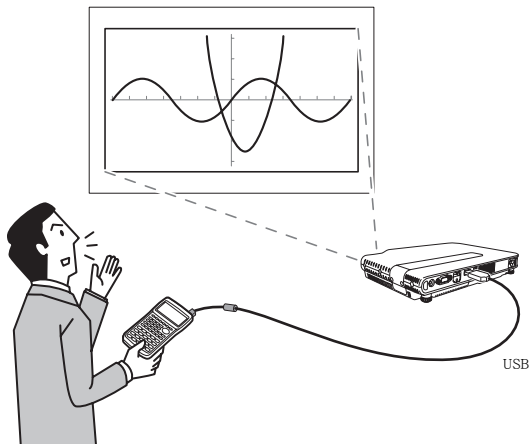
您可在資料投影機的USB埠中插入CASIO文稿相機，並投射放置在YC-400/YC-430文稿台上的文稿的影像。



有關詳情請參閱第39頁上的“如何使用YC-400/YC-430文稿相機進行演示”一節。

### 圖形計算器 (CASIO fx-9860G系列)

您可以用資料投影機的USB埠將CASIO fx-9860G系列圖形計算器連接在資料投影機上，並用投影機投射計算器的畫面。



有關詳情請參閱“圖形計算器畫面影像的投影”一節（第50頁）。

# 如何在資料投影機上插入USB裝置

在開機狀態下插入USB裝置時資料投影機的反應依其即插即用設定的配置而不同。在資料投影機的初始預設狀態下，即插即用功能有效。有關即插即用設定的詳情，請參閱用戶說明書中的“設置選單的內容”一節。

若開機時在USB埠中插入USB裝置，資料投影機將執行下述操作之一（依目前的即插即用設定而定）。

**當即插即用功能有效時：**

| 插入的裝置的種類：             | 資料投影機自動執行的操作：                             |
|-----------------------|---|
| USB記憶裝置或載有記憶卡的USB卡讀取機 | 啟動檢視器（第18頁）並投射檢視器畫面。                      |
| YC-400/YC-430文稿相機     | 當文稿相機已開機時啟動YC 相機應用程式（第39頁）並投射YC 相機應用程式畫面。 |

**當即插即用功能無效時：**

現在投射的影像不會改變。但根據插入資料投影機的USB裝置的種類，檢視器或YC 相機應用程式將在幕後啟動。

# 軟體的安裝

投影機附帶CD-ROM光碟中收錄有下列USB擴展功能軟體。

| 軟體名  | 說明                                   |
|--|--------------------------------------|
| EZ-Converter FA                              | 用於將PowerPoint檔案變換為能在投影機上播放的ECA檔案的軟體。 |
| ArcSoft MediaConverter 3 for CASIO Projector | 用於變換動畫檔案的軟體。                         |
| Multi Projection Camera Update Software      | 用於更新YC-400多功能投影相機韌體的軟體。              |



## 重要！

本產品附帶CD-ROM光碟上收錄的電腦軟體的最新版本可以從下示URL的卡西歐網站下載。

<http://www.casio.com/support/driverdownloads/>

必須下載並使用軟體的最新版本。

[Home - Support - Drivers/Downloads - Projectors]

## 系統的最低要求

- 作業系統：Microsoft® Windows® 7, Windows Vista® SP2, 或Windows® XP SP3
- 電腦：符合下列條件的IBM PC/AT或相容電腦
  - 購買電腦時已預先安裝了Windows® 7、Windows Vista®或Windows® XP
  - 已安裝有PowerPoint 2003、2007或2010（使用EZ-Converter FA時需要）
  - CPU：Pentium® M 1.6GHz以上；電腦的作業系統所建議的CPU
  - 記憶體：作業系統建議的容量
  - 顯示幕：上述作業系統及電腦支援的解析度至少為1024 × 768的全彩色顯示幕
  - 輸入裝置：鍵盤或其他指示裝置（支援上述作業系統的滑鼠或同等裝置）
- 所用作業系統建議的任何其他要求。
- 在有些硬體配置下可能會無法正常動作。
- 不能在作業系統為Windows® 2000、NT、Me、98SE、98、95、3.1或Macintosh或Mac OS的電腦上使用。
- 不能在從其他作業系統升級為Windows® 7、Windows Vista®或Windows® XP的電腦上使用。
- 不能在作業系統為Windows® XP Professional x64 Edition的電腦上使用。



## 如何安裝EZ-Converter FA

### 1. 將投影機附帶的CD-ROM放入電腦的CD-ROM光碟機。

- CD-ROM選單畫面將自動出現在顯示幕上。

### 2. 在選單畫面上，單擊“EZ-Converter FA”右側的[Install]鈕。

- 按照畫面上出現的對話方塊中的指示進行操作。
- 若作業系統為Windows 7，並且在安裝過程中“使用者帳戶控制”訊息出現，請單擊[是]。
- 若作業系統為Windows Vista，並且在安裝過程中“使用者帳戶控制”訊息出現，請單擊[允許]。
- 若作業系統為Windows XP，並且在安裝過程中下示訊息出現，請單擊[繼續安裝]。



# 如何安裝ArcSoft MediaConverter 3 for CASIO Projector

## 1. 將投影機附帶的CD-ROM放入電腦的CD-ROM光碟機。


- CD-ROM選單畫面將自動出現在顯示幕上。

## 2. 在選單畫面上，單擊“ArcSoft MediaConverter 3 for CASIO Projector”右側的[Install]鈕。

- 按照畫面上出現的對話方塊中的指示進行操作。
- 若作業系統為Windows 7，並且在安裝過程中“使用者帳戶控制”訊息出現，請單擊[是]。
- 若作業系統為Windows Vista，並且在安裝過程中“使用者帳戶控制”訊息出現，請單擊[繼續]。
- 若作業系統為Windows XP，並且在安裝過程中下示訊息出現，請單擊[繼續安裝]。



註

有關ArcSoft MediaConverter 3 for CASIO Projector的操作及可變換的動畫檔案格式的說明，請在安裝後參閱軟體的幫助資訊。要顯示幫助資訊時，請單擊ArcSoft MediaConverter 3 for CASIO Projector視窗右上角的鈕。在出現的選單上選擇[Help]。

## Multi Projection Camera Update Software的安裝

只有當相機韌體版本為1.1以上時，才能在資料投影機上連接YC-400多功能投影相機。有關如何檢查相機的韌體版本的說明，請參閱投影機附帶CD-ROM光碟上“User's Guide”資料夾中“Chinese (Traditional)”子資料夾中名為“YC-Update\_Guide\_English.pdf”的檔案。

### 如何安裝Multi Projection Camera Update Software

1. 將投影機附帶的CD-ROM放入電腦的CD-ROM光碟機。
  - CD-ROM選單畫面將自動出現在顯示幕上。
2. 在選單畫面上，單擊“Multi Projection Camera Update Software”右側的[Open Folder]鈕。
  - CD-ROM上含有名為“YC-400.exe”的檔案的資料夾打開。
3. 雙擊“YC-400.exe”。
  - 按照畫面上出現的對話方塊中的指示進行操作。



註

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完成上述操作將在您指定的資料夾中創建一個名為“YC-400.bin”的檔案。

有關如何使用檔案更新相機韌體版本的說明，請參閱投影機附帶CD-ROM光碟上“User's Guide”資料夾中“Chinese (Traditional)”子資料夾中名為“YC-Update\_Guide\_English.pdf”的檔案。

# 如何投影記憶裝置上檔案的內容

本節介紹如何執行下述操作。

- 如何使用EZ-Converter FA電腦軟體將PowerPoint檔案變換為能用資料投影機的檢視器功能播放的檔案。
- 如何用資料投影機的檢視器功能投影記憶裝置上保存的檔案的內容。

檢視器是資料投影機內置應用程式之一。可用於播放或投影資料投影機上連接的記憶裝置的檔案的內容。

## 如何使用EZ-Converter FA將PowerPoint檔案變換為ECA檔案

EZ-Converter FA是用於將PowerPoint檔案變換為能在資料投影機上播放及投影的ECA檔案的電腦軟體。

EZ-Converter FA能變換由Microsoft Office PowerPoint 2003、2007及2010建立的檔案。除一些例外情況（下述）之外，ECA檔案的正常保存、播放及投影應能再現原PowerPoint檔案的遷移、動畫及其他特殊效果。

- PowerPoint檔案中的OLE主體（動畫、音頻等）及VBA主體不能變換。
- PowerPoint檔案中動畫的定時及反復動作不能變換。
- 動畫長度受您在“如何指定動畫的最長顯示時間”（第16頁）下配置的設定限制。若PowerPoint檔案中有更長的動畫，變換操作將只變換目前指定的最長顯示時間的動畫，然後進行到下一步。
- 暫停限制在三秒鐘。若PowerPoint檔案中有更長的暫停，變換操作將只變換三秒鐘的暫停，然後進行到下一步。




### 重要！

要執行本節中介紹的操作，您需要首先在電腦上從資料投影機附帶的CD-ROM光碟安裝EZ-Converter FA軟體。有關詳情請參閱“軟體的安裝”一節（第8頁）。

# EZ-Converter FA的啟動與結束

## 如何啟動EZ-Converter FA

在電腦上執行下述兩種操作之一可啟動EZ-Converter FA。

- 在Windows桌面上雙擊  圖示。
- 選擇電腦Windows作業系統的開始清單中的[所有程式] - [CASIO] - [EZ-Converter FA]。

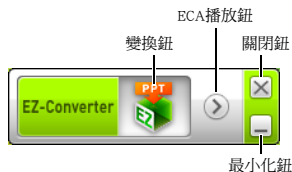


### 重要!

若電腦的作業系統是Windows Vista或Windows 7，則啟動EZ-Converter FA可能會使“使用者帳戶控制”訊息出現。此時請單擊[允許]。

## EZ-Converter FA視窗

下示為EZ-Converter FA運行時出現的視窗。



## 如何顯示EZ-Converter FA的幫助

右擊視窗左邊，然後在出現的選單上選擇“Help”。

## 如何顯示EZ-Converter FA的版本訊息

右擊視窗左邊，然後在出現的選單上選擇“About”。

## 如何關閉EZ-Converter FA

單擊EZ-Converter FA視窗右上角上的關閉鈕。

# 如何將PowerPoint檔案變換為ECA檔案



## 重要！

- 在執行此處的任何操作之前，必須有一個用Microsoft Office PowerPoint 2003、2007或2010建立的檔案。
- 將PowerPoint檔案變換為ECA檔案需要將原檔案從頭到尾播放一遍。請注意，變換所需要的時間基本上取決於播放時間。



## 註

- 用EZ-Converter FA開始變換操作將暫時改變電腦的畫面設定，如下所示。變換操作結束後畫面設定將復原。

| 作業系統：                   | 變化：   |
|-------------------------|---|
| Windows XP              | <ul style="list-style-type: none"><li>● 畫面的解析度變為800 × 600、1024 × 768、1280 × 768或1280 × 800。</li><li>● 顯示卡的硬體加速無效。</li></ul>                     |
| Windows Vista或Windows 7 | <ul style="list-style-type: none"><li>● 畫面的解析度變為800 × 600、1024 × 768、1280 × 768或1280 × 800。</li><li>● Windows變為基本模式（Windows Aero™無效）。</li></ul> |

- 檔案變換操作開始時，ECA檔案的畫面解析度將變為EZ-Converter FA設定的解析度（800 × 600，1024 × 768、1280 × 768或1280 × 800）。有關配置此設定的詳情請參閱“如何指定ECA檔案的畫面解析度”（第16頁）。

# 如何將PowerPoint檔案變換為ECA檔案

## 1. 打開電腦的電源並啟動Windows。

## 2. 將要保存變換後的ECA檔案的USB碟（或記憶卡）插入電腦。

- 要將ECA檔案保存在電腦的本地硬碟上時請跳過此步。

## 3. 在電腦上啟動EZ-Converter FA。

- 若電腦的作業系統是Windows Vista或Windows 7，則啟動EZ-Converter FA將使“使用者帳戶控制”訊息出現。此時請單擊[允許]。
- 畫面顯示EZ-Converter FA視窗。



## 4. 根據需要配置下列設定。

- 指定ECA檔案畫面的解析度。請參閱“如何指定ECA檔案的畫面解析度”（第16頁）
- 若原檔案中含有動畫，則指定動畫的最長顯示時間。請參閱“如何指定動畫的最長顯示時間”（第16頁）

## 5. 單擊EZ-Converter FA視窗頂部的 鈕。

- 用於打開檔案的對話方塊出現。

6. 選擇要變換的PowerPoint檔案後單擊[Open]鈕。

- 如下所示用於指定ECA檔案設定的對話方塊出現。



7. 按照需要在對話方塊上配置設定。

- 下面介紹對話方塊上出現的各項目的含義及設定。

| 對話方塊的項目          | 說明  |
|------------------|---|
| Input File       | 顯示第6步選擇的PowerPoint的檔案名。此項目不能改變。   |
| Output Drive     | 顯示在第2步中插入電腦的移動碟（USB碟或記憶卡）的碟名。若電腦上插有多個移動碟，則請單擊[▼]鈕並選擇要保存變換後檔案的碟名。變換後的ECA檔案將被保存在您指定的磁碟上名為“ECA”的資料夾中。在初始預設狀態下，若電腦上未插有移動碟，則變換後的ECA檔案將被保存在與原PowerPoint檔案相同的地方（磁碟及資料夾）。若需要，單擊[瀏覽]鈕並改變保存目的地。 |
| Output File Name | 顯示變換後的ECA檔案的檔案名及從磁碟名開始的路徑名。除副檔名之外，檔案名與PowerPoint檔案名相同。此項目不能改變。  |

8. 配置完所有需要的設定後，單擊[OK]鈕。

- PowerPoint檔案開始播放並開始變換為ECA檔案。
- 檔案變換完成時“Conversion complete.”訊息出現。
- 若還有其他PowerPoint檔案要變換，則反復執行第4步至第7步。
- 要檢查ECA檔案的內容時，請執行“如何在電腦上播放ECA檔案”（第16頁）下的操作。

9. 完成對所有所需要的檔案的變換後，單擊EZ-Converter FA視窗右上角上的關閉鈕。

如何指定ECA檔案的畫面解析度

- 1. 右擊EZ-Converter FA視窗的左側。
- 2. 在出現的選單上單擊 “Output Resolution” 。
- 3. 在出現的子選單上，選擇所需要的解析度。

● 下列為各型號的資料投影機應使用的解析度設定。

| 型號                           | 解析度                                  |
|------------------------------|--------------------------------------|
| XJ-A135V, XJ-A145V, XJ-A155V | 1024 × 768, 800 × 600*1              |
| XJ-A235V, XJ-A245V, XJ-A255V | 1280 × 800, 1280 × 768, 1024 × 768*2 |

\*1 若您無法選擇1024 × 768的解析度，請選擇800 × 600。

\*2 若您無法選擇1280 × 800或1280 × 768的解析度，請選擇1024 × 768。

● 您在此處選擇的設定將保持有效，直到再次將其改變。

如何指定動畫的最長顯示時間

- 1. 右擊EZ-Converter FA視窗的左側。
  - 2. 在出現的選單上單擊 “Max Animation Display Time” 。
  - 3. 在出現的子選單上選擇動畫的最長顯示時間值（秒數）。
- 可選擇的子選單項為10秒，20秒，30秒及60秒。
- 您在此處選擇的選項將保持有效，直到再次將其改變。

如何在電腦上播放ECA檔案

- 1. 在電腦上啟動EZ-Converter FA。
- 畫面顯示EZ-Converter FA視窗。



- 2. 單擊EZ-Converter FA視窗頂部的 鈕。
- 下示兩個按鈕出現。









- 3. 單擊 鈕。
- 用於打開檔案的對話方塊出現。
- 4. 選擇要播放的ECA檔案後單擊[Open]鈕。



5. 單擊  鈕開始播放。
- 畫面的頂部出現控制台。



- 在檔案播放過程中，使用控制台上的按鈕可以執行下述操作。

| 目的：    | 操作：   |
|--------|---|
| 返回上一頁  | 單擊  鈕。   |
| 進行到下一頁 | 單擊  鈕。   |
| 跳至特定頁  | 1. 單擊  鈕後單擊出現的選單上的“Slide Viewer”。<br>2. 在出現的頁選單上，單擊目標頁的縮圖後單擊[確定]鈕。   |
| 顯示幫助   | 單擊  鈕後單擊出現的選單上的“Help”。   |
| 結束檔案播放 | 單擊  鈕，或單擊  鈕後單擊出現的選單上的“Exit”。按電腦鍵盤上的[ESC]鈕也能停止播放。 |

## 如何使用檢視器投影記憶裝置上檔案的內容

使用資料投影機的檢視器應用程式能投影記憶裝置上檔案的內容。在資料投影機的USB埠中插入資料投影機支援的記憶裝置時，檢視器將自動啟動。

### 如何在資料投影機上插入記憶裝置

資料投影機的USB埠可識別USB介面所支援的FAT/FAT32格式記憶裝置。下面介紹可使用的記憶裝置。

- USB碟
- 記憶卡  
要使用記憶卡需要有市賣USB卡讀取機連接在資料投影機上。
- USB存儲類 (USB大量存儲類) 相容數位相機

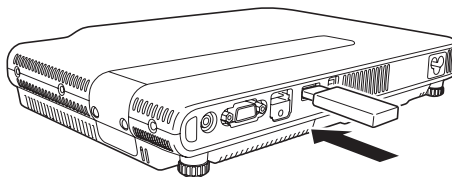


#### 重要!

資料投影機不支援所有的市賣USB記憶裝置，記憶卡及數位相機。有關可使用的記憶裝置的詳情，請諮詢您的經銷商或就近的特約卡西歐代理商。

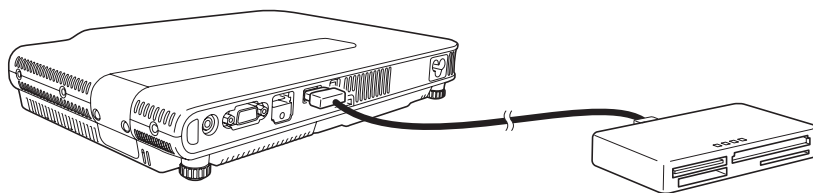
### 如何在資料投影機上插入USB碟

在資料投影機的USB埠中插入USB碟，如下所示。



## 如何在資料投影機上連接記憶卡

1. 在USB卡讀取機的卡槽中插入記憶卡。
  - 有關如何在USB卡讀取機中裝入記憶卡的詳情，請參閱讀取機附帶的用戶文件。
2. 在資料投影機的USB埠中插入USB卡讀取機。



## 如何在資料投影機上連接數位相機

1. 必要時，配置數位相機的USB大量存儲類設定。
2. 關閉數位相機的電源並連接USB電纜。
3. 將USB電纜的另一端（A類插頭）插入資料投影機的USB埠。
4. 打開數位相機的電源。



註

有關上述第1、2及4步的詳情請參閱數位相機附帶的用戶文件。

# 用檢視器開始投影

若資料投影機是開機的，您執行“如何在資料投影機上插入記憶裝置”（第18頁）下的操作在資料投影機上連接USB碟將使下示檢視器的主視窗被投影。



| 選單項    | 功能              | 參照：   |
|--------|-----------------|---|
| 演示     | 進入投影ECA檔案的演示模式。 | “ECA（演示）檔案的投影”（第22頁）<br>“如何將PowerPoint檔案變換為ECA檔案”（第14頁） |
| 幻燈片    | 進入投影影像檔案的幻燈片模式。 | “影像檔案的投影”（第25頁）   |
| 動畫     | 進入投影動畫檔案的動畫模式。  | “動畫檔案的投影”（第27頁）   |
| 檢視器的設置 | 顯示檢視器的設置        | “檢視器設定的配置”（第33頁）  |



註

若此時檢視器不自動開始投影，請執行下述操作選擇“檢視器”作為輸入源。

1. 按[INPUT]鍵。
  - 輸入源選擇畫面出現。
2. 用[▲]及[▼]鍵將加亮移動至“檢視器”，然後按[ENTER]鍵。

## 碟機選單

當資料投影機上連接有多個記憶裝置（通過USB集線器連接的多個USB碟，連接在資料投影機上的記憶卡讀取機中插有多個記憶卡等）時，進入演示模式、幻燈片模式或動畫模式會使下示選單出現在投影畫面上。



此時，用游標鍵將加亮移動到要使用的碟機後按[ENTER]鍵。您所進入的模式的檔案選單出現。



註

資料投影機同時最多能識別四個碟機。

# ECA ( 演示 ) 檔案的投影

使用檢視器的演示模式投影ECA檔案。

## 如何投影ECA檔案

1. 將保存有您要投影的ECA檔案的記憶裝置連接在資料投影機上。
  - 檢視器的主視窗出現。若檢視器的主視窗不出現，請按[INPUT]鍵並選擇“USB”作為輸入源。
2. 用游標鍵將加亮移動至“演示”後按[ENTER]鍵。
  - 下示檔案選單將出現。



- 若您要播放的ECA檔案在一個特定的資料夾中，請用游標鍵將加亮移動到該資料夾處後按[ENTER]鍵。
3. 用游標鍵將加亮移動到要播放的ECA檔案處後按[ENTER]鍵（或[○]鍵）。
    - 所選ECA檔案開始播放。
  4. 根據需要執行變頁及其他操作。
    - 有關在ECA檔案投影過程中可以進行的操作的詳情，請參閱“ECA檔案投影過程中的操作”一節（第23頁）。
    - 要停止ECA檔案的播放並返回檔案選單時，按[ESC]鍵。

ECA檔案投影過程中的操作

在ECA檔案播放過程中可以執行下述操作。

| 目的：         | 操作：  |
|-------------|--|
| 返回上一頁       | 按[◀]鍵。   |
| 進行到下一頁      | 按[▶]鍵。   |
| 暫停ECA檔案的播放  | 1. 按[FUNC]鍵。<br>2. 在出現的功能選單上，用游標鍵將加亮移動到“暫停”處後按[ENTER]鍵。  |
| 跳至特定頁       | 1. 按[○] 鍵顯示頁選單。<br>2. 用游標鍵將加亮移動到要播放演示的開始頁的縮圖處，然後按[ENTER] 鍵。<br>● 有關在頁選單顯示時其他可以執行的操作的說明，請參閱“頁選單操作”（第24頁）。 |
| 停止播放並返回檔案選單 | 按[ESC]鍵。   |

在ECA檔案的播放暫停過程中可以執行下述操作。

| 目的：              | 操作：        |
|------------------|------------|
| 從暫停處開始恢復ECA檔案的播放 | 按[ENTER]鍵。 |

頁選單操作

在ECA檔案播放過程中按[○]鍵將投射下示頁選單。



在頁選單投影過程中可以執行下述操作。

| 目的：           | 操作：                                   |
|---------------|---------------------------------------|
| 從特定頁重新開始檔案的播放 | 用游標鍵將加亮移動到要播放演示的開始頁的縮圖處，然後按[ENTER] 鍵。 |
| 卷動到下一畫面       | 按[□]鍵。                                |
| 卷動到上一畫面       | 按[△]鍵。                                |
| 停止播放並返回檔案選單   | 按[ESC]鍵。                              |



# 影像檔案的投影

使用檢視器的幻燈片模式投影影像檔案。您可以將影像檔案分組並以幻燈片的形式依特定順序進行投影。

## 如何投影影像檔案

- 1. 將保存有您要投影的影像檔案的記憶裝置連接在資料投影機上。
  - 檢視器的主視窗出現。若檢視器的主視窗不出現，請按[INPUT]鍵並選擇“USB”作為輸入源。
- 2. 用游標鍵將加亮移動至“幻燈片”後按[ENTER]鍵。
  - 下示檔案選單將出現。



- 若您要投射的影像檔案在一個特定的資料夾中，請用游標鍵將加亮移動到該資料夾處後按[ENTER]鍵。
  - 3. 用游標鍵將加亮移動至要投射的影像檔案處後按[ENTER]鍵。
    - 所選影像檔案被投影。
  - 4. 根據需要執行下述操作。
- | 目的：          | 按鍵： |
|--------------|-----|
| 卷回上一幅影像      | [◀] |
| 卷到下一幅影像      | [▶] |
| 將影像向右旋轉90度   | [△] |
| 將影像向左旋轉90度   | [□] |
| 開始播放影像檔案的幻燈片 | [O] |
- 5. 要停止投射影像並返回檔案選單時，按[ESC]鍵。

## 幻燈片的投影

資料投影機的幻燈片模式能將影像檔案分組並以幻燈片的形式順序投影。幻燈片的顯示可以選擇為手動播放或自動播放。初始預設設定為手動播放。

### 如何為播放幻燈片準備影像檔案

在電腦上準備幻燈片時請注意以下幾點。

- 幻燈片的所有影像檔案必須在同一個資料夾中。
- 在幻燈片播放過程中，影像以資料夾中影像檔案的檔案名為順序出現。要指定影像的播放順序時，請調整檔案名使其在資料夾中以您所需要的順序排列。
- 將含有幻燈片影像的資料夾複製到記憶裝置中。

### 如何以幻燈片的形式投射影像檔案

- 1. 將保存有幻燈片影像檔案的記憶裝置連接在資料投影機上。**
  - 檢視器的主視窗出現。若檢視器的主視窗不出現，請按[INPUT]鍵並選擇“USB”作為輸入源。
- 2. 選擇手動卷動或自動卷動，並配置其他幻燈片設定。**
  - 有關詳情請參閱“檢視器設定的配置”一節（第33頁）。
- 3. 用游標鍵將加亮移動至“幻燈片”後按[ENTER]鍵。**
  - 檔案選單出現。
- 4. 用游標鍵將加亮移動至含有幻燈片影像檔案的資料夾處後按[ENTER]鍵。**
- 5. 用游標鍵將加亮移動至幻燈片的開始影像檔案處後按[○]鍵。**
  - 所選影像檔案被投影，幻燈片開始。

6. 根據需要執行下述操作。

| 目的：                                    | 操作：   |
|--|---|
| 卷回上一幅影像                                | 按[◀]鍵。  |
| 卷到下一幅影像                                | 按[▶]鍵。  |
| 幻燈片的暫停（只有當設置選單上的“影像切換”設定為“自動”時此選項才有效。） | 1. 按[FUNC]鍵。<br>2. 在出現的功能選單上，用游標鍵將加亮移動到“暫停”處後按[ENTER]鍵。 |
| 將影像向右旋轉90度                             | 按[△]鍵。  |
| 將影像向左旋轉90度                             | 按[□]鍵。  |

- 在幻燈片暫停過程中可以執行下列操作。

| 目的：        | 按鍵： |
|------------|-----|
| 卷回上一幅影像    | [◀] |
| 卷到下一幅影像    | [▶] |
| 將影像向右旋轉90度 | [△] |
| 將影像向左旋轉90度 | [□] |
| 恢復幻燈片的播放   | [○] |

7. 幻燈片結束後要返回檔案選單時，按[ESC]鍵。

動畫檔案的投影

使用檢視器的動畫模式投影動畫檔案。



註

- 檢視器能播放動態JPEG格式的AVI動畫檔案（有關詳情請參閱第5頁）。不能播放其他格式的動畫檔案。
- 資料投影機附帶的CD-ROM光碟中收錄有能將一些動畫檔案格式變換為受支援格式的軟體（ArcSoft MediaConverter 3 for CASIO Projector）。有關安裝此軟體的詳情請參閱“軟體的安裝”（第8頁）。

## 如何投影動畫檔案

1. 將保存有您要投影的動畫檔案的記憶裝置連接在資料投影機上。
  - 檢視器的主視窗出現。若檢視器的主視窗不出現，請按[INPUT]鍵並選擇“USB”作為輸入源。
2. 用游標鍵將加亮移動至“動畫”後按[ENTER]鍵。
  - 下示檔案選單將出現。



- 若您要播放的動畫檔案在一個特定的資料夾中，請用游標鍵將加亮移動到該資料夾處後按[ENTER]鍵。
3. 用游標鍵將加亮移動到要播放的動畫檔案處後按[ENTER]鍵（或[○]鍵）。
    - 所選動畫檔案開始播放。
  4. 根據需要執行暫停及其他操作。
    - 有關在動畫檔案投影過程中可以進行的操作的詳情，請參閱“在動畫檔案投影過程中的操作”一節（第29頁）。
    - 要停止動畫檔案的播放並返回檔案選單時，按[ESC]鍵。
    - 當播放進行到動畫檔案的末尾時，投影將顯示最終動畫幀的靜止影像。
  5. 要在動畫播放完畢後返回檔案選單時，按[ESC]鍵。

在動畫檔案的播放或暫停過程中可以執行下述操作。

\* 有關快進及快退的詳細說明，請參閱下述“如何在動畫播放過程中進行快進或快退”一節。

1. 執行“如何投影動畫檔案”一節（第28頁）中的第1至第3步操作開始播放動畫檔案。
2. 按[▶]鍵進行快進或按[◀]鍵進行快退。
  - 相應操作開始，投影畫面的左上角出現圖示（▶表示快進，◀表示快退）。
  - 按[▶]或[◀]鍵可在三個速度之間選擇相應的操作。

- 當快進或快退操作進行到動畫檔案的最後或最前面的幀時，動畫的播放自動停止。

3. 根據需要執行下述操作。

| 目的：              | 按鍵：     |
|------------------|---------|
| 結束快進或快退操作並恢復正常播放 | [ENTER] |
| 顯示或隱藏播放時間        | [O]     |
| 停止播放並返回檔案選單      | [ESC]   |

檔案選單操作

本節介紹當檔案列表顯示在演示、幻燈片或動畫模式中時可以進行的操作。

列表形式及圖示形式

檢視器的檔案選單有兩種不同的顯示形式：列表形式及圖示形式。



列表形式



圖示形式

列表形式：

列出記憶裝置中資料夾及檔案的名稱。是演示、幻燈片及動畫模式的初始預設形式。

圖示形式：

顯示記憶裝置中資料夾及檔案的圖示及名稱。檢視器能播放的所有檔案都將顯示縮圖。

## 如何在列表形式與圖示形式之間選換檔案選單

按[FUNC]鍵後按[ENTER]鍵。



註

預設形式可指定為列表形式或圖示形式。有關詳情請參閱第33頁上的“檢視器設定的配置”一節。

## 如何選換檔案選單

按[□]鍵向前卷動，或按[△]鍵向後卷動。

## 如何打開資料夾

用游標鍵將加亮移動至要打開的資料夾處後按[ENTER]鍵。

## 如何退出目前資料夾並返回上一層

按[ESC]鍵。

如何檢視檔案的屬性

- 1. 顯示檔案選單的列表形式。
- 2. 用[▼]鍵及[▲]鍵將加亮移動至要檢視其屬性的檔案處。
  - 目前加亮的檔案的縮圖及屬性出現在檔案選單的左側。



- 下面介紹檔案屬性中顯示的訊息。

演示模式

| 項目： | 表示：                              |
|-----|----------------------------------|
| 種類  | “ECA檔案”（用EZ-Converter FA變換的演示檔案） |
| 大小  | 檔案大小                             |
| 日期  | 檔案最後一次修改的日期及時間                   |
| 像素  | 檔案中影像的像素數                        |

幻燈片模式

| 項目： | 表示：  |
|-----|--|
| 種類  | 影像種類（“JPEG影像”或“BMP影像”）   |
| 大小  | 檔案大小   |
| 日期  | 檔案最後一次修改的日期及時間   |
| 像素  | 檔案中影像資料的像素數  |
| 旋轉  | 只有含有Exif格式的方向訊息的影像檔案有此一項。“Right side - Top”表示向右旋轉了90度，而“Left side - Bottom”表示向左旋轉了90度。 |

動畫模式

| 項目： | 表示：            |
|-----|----------------|
| 種類  | “動畫”           |
| 大小  | 檔案大小           |
| 日期  | 檔案最後一次修改的日期及時間 |
| 像素  | 檔案中動畫的像素數      |



如何返回檢視器的主視窗

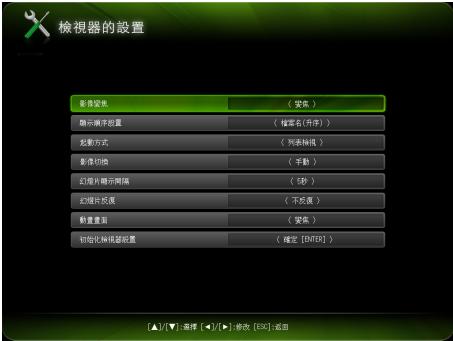
1. 按[FUNC]鍵。
2. 在出現的功能選單上，用游標鍵將加亮移動到“返回檢視器選擇畫面”處後按[ENTER]鍵。

檢視器設定的配置

使用檢視器的設置選單能配置檢視器的下列功能設定。  
各項目中標有星號(\*)的為初始預設設定。

| 設定名      | 說明   |
|----------|--|
| 影像變焦     | <b>變焦*</b> ：<br>使影像以資料投影機的最大尺寸進行投影，同時保持影像檔案的橫縱比。<br><b>不變焦</b> ：<br>使影像以實際尺寸投影。  |
| 顯示順序設置   | 指定檔案選單中影像的順序。<br><b>檔案名(升序)*</b> ：<br>以升序顯示檔案的檔案名。<br><b>檔案名(降序)</b> ：<br>以降序顯示檔案的檔案名。<br><b>時間(新至舊)</b> ：<br>按照最後修改的時間，以從新至舊的順序顯示檔案。<br><b>時間(舊至新)</b> ：<br>按照最後修改的時間，以從舊至新的順序顯示檔案。 |
| 起動方式     | 指定從檢視器的主視窗進入一種模式時預設形式是列表形式還是圖示形式。<br><b>列表檢視*</b> ：<br>指定預設形式為列表形式。<br><b>圖示檢視</b> ：<br>指定預設形式為圖示形式。   |
| 影像切換     | <b>手動*</b> ：<br>指定手動卷動影像。<br><b>自動</b> ：<br>指定自動卷動影像。  |
| 幻燈片顯示的間隔 | 指定幻燈片播放過程中各影像顯示的時間長度。<br><b>5秒*，10秒，30秒，1分，5分</b>  |
| 幻燈片反復    | <b>反復</b> ：<br>循環播放幻燈片或動畫。<br><b>不反復*</b> ：<br>當幻燈片或動畫播放到末尾時自動停止播放。  |
| 動畫畫面     | <b>變焦*</b> ：<br>使動畫以資料投影機的最大尺寸進行播放，同時保持動畫檔案的橫縱比。<br><b>不變焦</b> ：<br>使動畫檔案以其原尺寸進行播放。  |
| 初始化檢視器設置 | 將檢視器的所有設定返回至其初始出廠預設值。  |

# 如何顯示檢視器的設置選單



執行下述操作之一。

## 操作 1

### 1. 投影檢視器的主視窗

- 若您正在演示，幻燈片或動畫模式中播放檔案，請暫停播放並返回檔案選單。然後，按[FUNC]、[▼]及[ENTER]。

### 2. 用游標鍵將加亮移動至“檢視器的設置”後按[ENTER]鍵。

## 操作 2

### 1. 檢視器投影過程中按[MENU]鍵。

- 若您正在演示，幻燈片或動畫模式中播放檔案，在按[MENU]鍵之前需要暫停播放。

### 2. 用[▼]鍵將加亮移動至“USB”後按[ENTER]鍵。

### 3. 用[▼]鍵將加亮移動至“設置”後按[ENTER]鍵。

## 如何配置檢視器的設定

1. 顯示檢視器的設置選單。
2. 用[▼]鍵及[▲]鍵將加亮移動至要改變其設定的項目處。
3. 用[◀]鍵及[▶]鍵顯示有效的設定。
4. 配置了所有所需要的設定後，按[ESC]鍵（或按[FUNC]鍵後按[ENTER]鍵）。
  - 畫面返回檢視器的主視窗。

## 如何將檢視器的設定返回至其初始預設值

1. 顯示檢視器的設置選單。
2. 用[▼]鍵將加亮移動至“初始化檢視器設置”後按[ENTER]鍵。
  - “要將檢視器設置復原為預設值嗎？” 確認對話方塊出現。
3. 用[▲]鍵將加亮移動至“是”後按[ENTER]鍵。
  - 檢視器的各設定返回至其初始出廠預設值。
  - 有關檢視器的初始出廠預設設定的資訊，請參閱“檢視器設定的配置”（第33頁）。

# 檢視器疑難排解

當檢視器的動作異常時請參照下述說明。

## 記憶裝置

| 問題                                       | 原因及所需要的對策   |
|--|---|
| 在資料投影機的USB埠中插入USB碟後檢視器不出現。               | <ul style="list-style-type: none"><li>● 插入的USB碟的格式可能是資料投影機無法識別的。將USB碟插入電腦中，查看其檔案系統是否是FAT或FAT32。否則，將USB碟重新格式化為FAT或FAT32。請注意，格式化操作將清除USB碟中的所有資料。</li><li>● 若雖然檔案系統是FAT或FAT32，但資料投影機仍無法識別USB碟，則USB碟本身可能是非相容的。使用其他的USB碟。</li><li>● 資料投影機的“即插即用”設定可能為“關”。使用CD-ROM光碟上收錄的用戶說明書中的“投影機進階設定的配置”一節中的操作將“即插即用”設定改變為“開”。</li></ul> |
| 有些資料夾及 / 或檔案不出現在檔案選單中。                   | 若資料夾中有999個以上的資料夾及 / 或檔案，則該資料夾中的所有資料夾及 / 或檔案不能全部顯示出來。此種情況發生時，請減少該資料夾中的資料夾及 / 或檔案的數目。   |
| 有多個裝置通過USB集線器或USB卡讀取機與資料投影機連接，但有些裝置未被識別。 | 資料投影機同時最多能識別四個碟機。若連接的碟機數目超過四個，資料投影機將不識別第五個以上的碟機。連接記憶裝置時請確認未超過四個。  |
| 通過USB在資料投影機上連接數位相機時，數位相機記憶器中的內容不出現。      | <ul style="list-style-type: none"><li>● 數位相機的USB大量存儲類設定可能未正確配置，或需要在相機上進行一些操作。請參照數位相機的用戶文件，查找所需要的設定及操作的資訊。</li><li>● 數位相機可能不支援USB大量存儲類。若不支援，則不能用檢視器查看數位相機記憶器中的內容。</li></ul>  |

# 檔案的顯示及播放

| 問題  | 原因及所需要的對策  |
|---|--|
| 用EZ-Converter FA從PowerPoint檔案變換的ECA檔案不出現在檔案選單中。 | 檢視器可能不在演示模式中。要進入演示模式時，請加亮檢視器主視窗（第20頁）中的“演示”，然後按[ENTER]鍵。   |
| 影像檔案不出現在檔案選單中。                                  | <ul style="list-style-type: none"><li>● 檢視器可能不在幻燈片模式中。要進入幻燈片模式時，請加亮檢視器主視窗（第20頁）中的“幻燈片”，然後按[ENTER]鍵。</li><li>● 檔案可能不是資料投影機能識別的格式。影像檔案的副檔名必須為：.jpg、.jpeg、.jpe、或.bmp。有關資料投影機能播放的影像檔案格式的詳情請參閱“關於資料投影機的USB功能”一節（第5頁）。</li></ul> |
| 動畫檔案不出現在檔案選單中。                                  | <ul style="list-style-type: none"><li>● 檢視器可能不在動畫模式中。要進入動畫模式時，請加亮檢視器主視窗（第20頁）中的“動畫”，然後按[ENTER]鍵。</li><li>● 檔案可能不是資料投影機能識別的格式。動畫檔案的副檔名必須為.avi。有關資料投影機能播放的動畫檔案格式的詳情請參閱“關於資料投影機的USB功能”一節（第5頁）。</li></ul>                      |
| 在幻燈片模式的檔案選單上，縮圖處出現問號（？）。                        | 對於檢視器不能投影的影像（8MB以上的JPEG檔案等），其縮圖處會顯示問號。   |
| 在演示模式的檔案選單上選擇的ECA檔案無法播放。                        | 該檔案可能已經損壞。使用“如何將PowerPoint檔案變換為ECA檔案”一節（第14頁）中的操作再次變換PowerPoint檔案。   |
| 在幻燈片模式的檔案選單上選擇的影像檔案無法顯示。                        | <ul style="list-style-type: none"><li>● 該檔案可能已經損壞。若電腦上有原檔案，請檢查其是否正確。若正確，將原檔案複製到記憶裝置上後再次顯示。</li><li>● 若“影像檔案無法顯示。”訊息出現，請參照“檢視器的錯誤訊息”一節（第38頁）。</li></ul>   |
| 在動畫模式的檔案選單上選擇的動畫檔案無法播放。                         | <ul style="list-style-type: none"><li>● 該檔案可能已經損壞。若電腦上有原檔案，請檢查其是否正確。若正確，將原檔案複製到記憶裝置上後再次顯示。</li><li>● 若“此動畫檔案無法播放。”訊息出現，請參照“檢視器的錯誤訊息”一節（第38頁）。</li></ul>  |

## 檢視器的錯誤訊息

| 問題          | 原因及所需要的對策   |
|-------------|---|
| 資料夾中沒有影像檔案。 | 您用檢視器要訪問的資料夾中無任何可顯示的資料夾、ECA 檔案、影像檔案或動畫檔案。用電腦檢查資料夾的內容。有關資料投影機播放的檔案格式的詳情請參閱“關於資料投影機的USB功能”一節（第5頁）。  |
| 無法播放的ECA檔案。 | ECA檔案自身中可能有錯誤。在電腦上用EZ-Converter FA播放ECA檔案進行檢查。  |
| 影像檔案無法顯示。   | <ul style="list-style-type: none"><li>● 影像檔案可能過大，無法播放。請使用8MB以下大小的影像檔案。</li><li>● 影像檔案可能為逐行掃描的JPEG檔案。資料投影機不能播放逐行掃描的JPEG檔案。請使用通常的（非逐行掃描）的JPEG格式檔案。</li><li>● 影像檔案自身中可能有錯誤。在電腦上打開影像檔案進行檢查。</li></ul>   |
| 此動畫檔案無法播放。  | <ul style="list-style-type: none"><li>● 動畫檔案的格式可能是資料投影機無法播放的。有關資料投影機能播放的動畫檔案格式的詳情請參閱“關於資料投影機的USB功能”一節（第5頁）。使用資料投影機附帶CD-ROM上收錄的軟體（ArcSoft MediaConverter 3 for CASIO Projector）能將一些動畫檔案的格式變換為資料投影機能播放的格式。</li><li>● 動畫檔案自身中可能有錯誤。在電腦上打開動畫檔案進行檢查。</li></ul> |

# 如何使用YC-400/YC-430文稿相機進行演示

本節介紹如何在資料投影機上連接CASIO YC-400/YC-430多功能投影相機（文稿相機），並投射放在文稿相機的文稿台上的文稿影像。資料投影機內置的名為YC 相機的應用程式用於投射文稿影像。



## 重要！

只有當相機韌體的版本為1.1以上時，才能在資料投影機上連接YC-400文稿相機。韌體的更新軟體收錄在投影機附帶的CD-ROM光碟上。有關詳情請參閱“軟體的安裝”一節（第8頁）。

## YC 相機應用程式的功能及操作概要

YC相機為內置於資料投影機中的應用程式，其使在資料投影機上控制YC-400/YC-430文稿相機成為可能。使用YC 相機應用程式可以投射放在文稿相機的文稿台上的文稿影像。在資料投影機的USB埠上連接文稿相機並打開文稿相機的電源，將使YC 相機應用程式自動啟動。

## 文稿相機與資料投影機的連接

本節介紹為在資料投影機上連接文稿相機，並投射放在文稿相機的文稿台上的文稿影像所需要執行的操作。



## 重要！

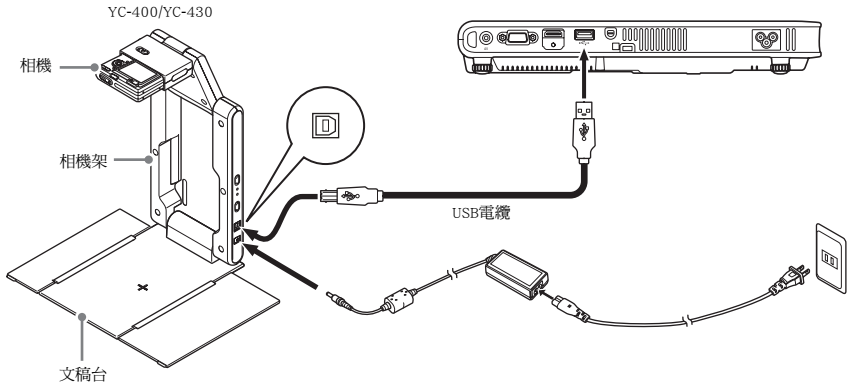
- 下述操作以資料投影機的即插即用功能已開啟（初始預設設定）為前提。若您解除了即插即用功能，則請在進行下述操作之前重新開啟即插即用功能。有關即插即用設定的詳情，請參閱用戶說明書中的“設置選單的內容”一節。
- 當YC-400/YC-430文稿相機連接在資料投影機上時，拍攝影像的解析度固定在4百萬像素。在此種情況下解析度設定不能改變。

# 如何在資料投影機上連接文稿相機並投射文稿的影像

## 1. 打開資料投影機的電源。

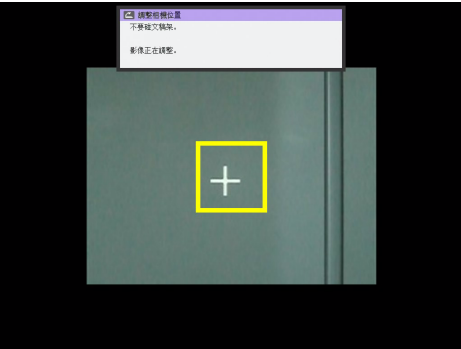
- 等到資料投影機上的POWER/STANDBY指示燈點亮為綠色。

## 2. 使用文稿相機附帶的USB電纜連接文稿相機與資料投影機。



## 3. 當文稿台上沒有任何文稿時，按相機架上的[⏻]（電源）鈕。

- 文稿相機開機，鏡頭伸出。
- 資料投影機將識別文稿相機，並自動啟動YC 相機應用程式。YC 相機應用程式啟動後，資料投影機將投射文稿台的影像，並顯示用於調整文稿相機位置的對話方塊。

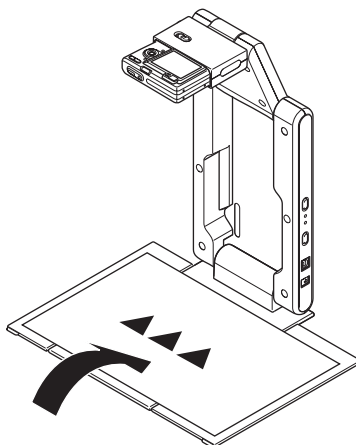


- 若文稿相機位置正確，位置調整操作將自動結束，對話方塊關閉。此時相機畫面（文稿相機獲取的影像）被投影。
- 若文稿相機位置不正確，提示您調整文稿相機位置的訊息將出現。請按照訊息中的指示調整文稿相機的位置。



#### 4. 將要投影的文稿放在文稿相機的文稿台上。

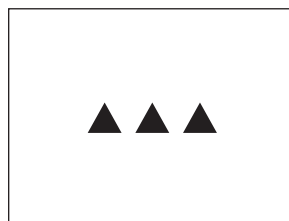
- 文稿必須放在文稿台的中央，不要讓文稿的任何部分超出文稿台。
- 在文稿台上放橫向文稿時，文稿頁的頂部應朝向相機架。
- 剛開始投射的相機畫面將有些模糊。



- 當文稿相機確定文稿台上的文稿不再移動時，其將自動拍攝文稿的影像，影像從較模糊的顯示畫面影像變為高解析度的影像（拍攝的影像）。



粗（相機畫面）影像



拍攝的影像

#### 5. 此時可更換文稿台上的文稿。

- 投影機自動投射下一張文稿的拍攝影像。



註

上述第5步為當資料投影機的YC 相機應用程式配置為初始預設設定時的情況。若您將YC 相機應用程式的“動作方式”設定改變為“手動攝影”，拍攝影像將不自動切換。有關詳情請參閱第48頁上的“YC 相機應用程式設置選單的內容”一節。

## YC 相機應用程式操作

本節介紹使用YC 相機應用程式可進行的各種投影操作，以及如何配置YC 相機應用程式的設定。

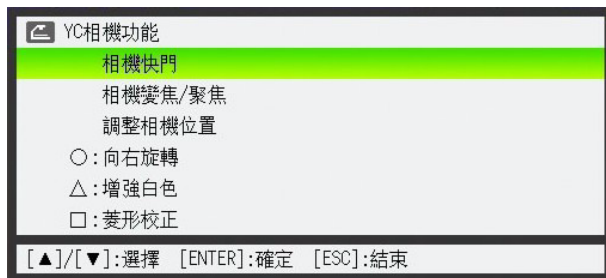


### 重要！

本節中介紹的操作步驟以您已按照“文稿相機與資料投影機的連接”一節（第39頁）中的說明將文稿相機連接在資料投影機上，並且資料投影機的YC相機應用程式正在運作為前提。

## YC 相機應用程式的投影操作

本節中介紹的操作使用YC 相機功能選單進行。YC 相機應用程式正在運行時，按[FUNC]鍵可顯示該功能選單。



使用遙控器上的[○]、[△]及[□]鍵亦能執行相同的操作。

## 如何手動啟動文稿相機的快門

### 1. 按[FUNC]鍵顯示YC 相機應用程式的功能選單。

- 開始時“相機快門”項應加亮顯示。

### 2. 按[ENTER]鍵啟動文稿相機的快門。

- 投影機投射由文稿相機拍攝的影像。



### 註

在較粗的顯示幕影像或拍攝影像被投影時，按[ENTER]鍵可手動啟動快門，而不用按[FUNC]鍵。

## 如何調整文稿相機的變焦設定

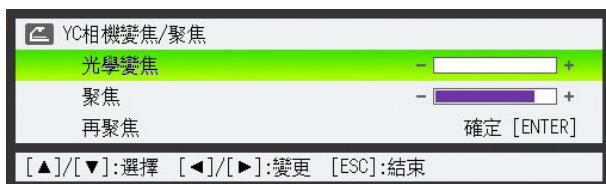
1. 按[FUNC]鍵顯示YC 相機應用程式的功能選單。
2. 用[▼]鍵將加亮移動至“相機變焦/聚焦”後按[ENTER]鍵。
  - YC 相機變焦/聚焦對話方塊出現在投影區中。開始時“光學變焦”項應加亮顯示。



3. 用[▶]鍵及[◀]鍵調整文稿相機的變焦設定。
4. 變焦設定完畢後，按[ESC]鍵。
  - YC 相機變焦/聚焦對話方塊關閉。

## 如何手動調整文稿的聚焦

1. 按[FUNC]鍵顯示YC 相機應用程式的功能選單。
2. 用[▼]鍵將加亮移動至“相機變焦/聚焦”後按[ENTER]鍵。
  - YC 相機變焦/聚焦對話方塊出現在投影區中。



3. 用[▼]鍵將加亮移動至“聚焦”。
4. 用[▶]鍵及[◀]鍵調整文稿相機的聚焦。
5. 聚焦設定完畢後，按[ESC]鍵。
  - YC 相機變焦/聚焦對話方塊關閉。

## 如何調整相機的位置

1. 從文稿台上取下所有文稿及物體。
2. 按[FUNC]鍵顯示YC 相機應用程式的功能選單。
3. 用[▼]鍵將加亮移動至“調整相機位置”後按[ENTER]鍵。
  - 相機位置調整對話方塊出現。
4. 將文稿相機向下轉，使其鏡頭對準文稿台。
  - 請按照投影區中出現的指示調整相機。



- 若文稿相機位置正確，位置調整操作將自動結束，對話方塊關閉。此時相機畫面（文稿相機獲取的影像）被投影。

## 如何旋轉投射影像

1. 按[FUNC]鍵顯示YC 相機應用程式的功能選單。
2. 用[▼]鍵將加亮移動至“向右旋轉”後按[ENTER]鍵。
  - 投射影像向右旋轉90度。
  - 除上述第1步及第2步操作之外，按[○]鍵亦可旋轉投射影像。



註

此操作將只影響正在投射的影像。下次啟動快門時產生的投影將根據YC Camera應用程式設置選單上（第46頁）的設定進行投射。

## 如何在投射影像上加強白色



註

- 白色加強操作將加強投影背景的白色，有助於使文稿上的文字更清晰。
- 此操作將只影響正在投射的影像。下次啟動快門時產生的投影將根據YC 相機應用程式設置選單上（第46頁）的設定進行投射。



重要！

只能對經菱形校正的投影增強白色。有關詳情，請參閱“如何對投影進行手動菱形校正”一節（第45頁）。

1. 按[FUNC]鍵顯示YC 相機應用程式的功能選單。
2. 用[▼]鍵將加亮移動至“增強白色”後按[ENTER]鍵。
  - 投影機加強投影的白色。
  - 除上述第1步及第2步操作之外，按[△]鍵亦可加強投影的白色。

## 如何對投影進行手動菱形校正



註

- 菱形校正功能自動調正在文稿相機的文稿台上未放正的文稿的影像。在初始預設狀態下，YC 相機應用程式將自動進行菱形校正，但您亦可解除自動菱形校正功能。解除後可執行下述操作手動調正影像。
- 此操作將只影響正在投射的影像。下次啟動快門時產生的投影將根據YC 相機應用程式設置選單上（第46頁）的設定進行投射。

1. 按[FUNC]鍵顯示YC 相機應用程式的功能選單。
2. 用[▼]鍵將加亮移動至“菱形校正”後按[ENTER]鍵。
  - 投射影像被調正。
  - 除上述第1步及第2步操作之外，按[□]鍵亦可對投射影像進行菱形校正操作。

## YC 相機應用程式的設置選單設定的配置

用YC 相機設置選單可配置各種YC 相機應用程式的操作設定。

| YC相機設置                         |                                       |                                    |
|--------------------------------|---------------------------------------|------------------------------------|
| 動作方式                           | <input checked="" type="radio"/> 自動攝影 | <input type="radio"/> 手動攝影         |
| 顯示幕畫面方向                        | <input checked="" type="radio"/> 水平   | <input type="radio"/> 垂直           |
| 增強白色                           | <input type="radio"/> 開               | <input checked="" type="radio"/> 關 |
| 菱形校正                           | <input checked="" type="radio"/> 開    | <input type="radio"/> 關            |
| 投影文稿監視器影像                      | <input checked="" type="radio"/> 開    | <input type="radio"/> 關            |
| 初始化YC相機設置                      | 確定 [ENTER]                            |                                    |
| [▲]/[▼]:選擇 [◀]/[▶]:變更 [ESC]:結束 |                                       |                                    |

### 如何配置YC 相機應用程式的設置選單設定

1. 按[MENU]鍵顯示設置選單。
2. 按[▼]鍵將加亮移動至“USB”後按[ENTER]鍵。
3. 按[▼]鍵一次將加亮移動至“設置”後按[ENTER]鍵。
  - YC 相機應用程式的設置選單出現。
4. 用[▼]鍵及[▲]鍵選擇要改變其設定的選單項。
5. 用[◀]鍵或[▶]鍵選擇所需要的設定（使其按鈕變為●）。
6. 若需要，反覆執行第4步及第5步操作配置其他設定。
7. 操作完畢後，按[ESC]鍵退出設置選單。

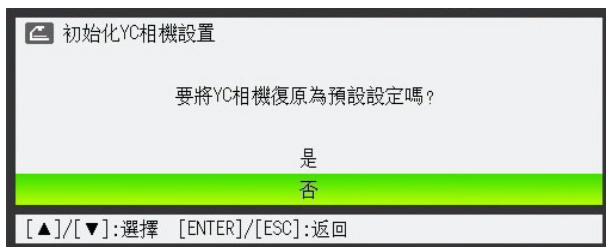


註

若改變了“增強白色”或“菱形校正”設定，新設定將從退出設置選單後文稿相機拍攝的下一幅影像開始有效。其他設定則在退出設置選單後立即有效。

## 如何將YC 相機應用程式設置選單上的所有設定復原為初始出廠預設值

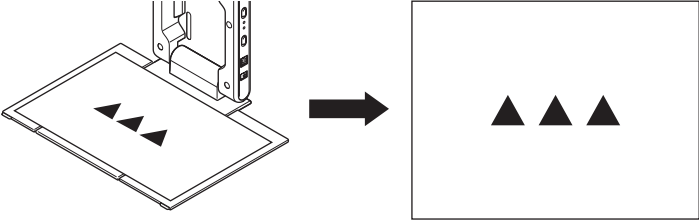
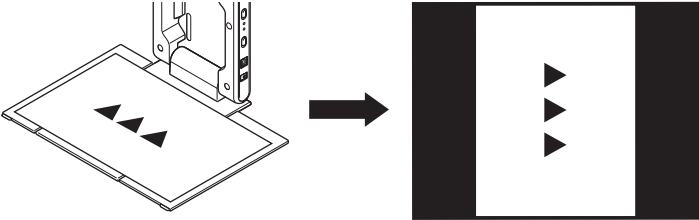

1. 按[MENU]鍵顯示設置選單。
2. 按[▼]鍵將加亮移動至“USB”後按[ENTER]鍵。
3. 按[▼]鍵一次將加亮移動至“設置”後按[ENTER]鍵。
  - YC 相機應用程式的設置選單出現。
4. 按[▼]鍵將加亮移動至“初始化YC相機設置”後按[ENTER]鍵。
  - 下示對話方塊出現。



5. 用[▲]鍵選擇“是”。
6. 要將所有設定復原為初始預設值時，按[ENTER]鍵。
  - 要退出操作而不改變任何設定時，不按[ENTER]鍵，而按[ESC]鈕。
7. 操作完畢後，按[ESC]鍵退出設置選單。

YC 相機應用程式設置選單的內容

本節詳細介紹YC 相機應用程式設置選單上的所有項目。各項目中標有星號 (\*) 的為初始預設設定。

| 設定名     | 說明   |
|---------|--|
| 動作方式    | <p>指定是自動還是手動拍攝放在文稿相機的文稿台上的文稿。</p> <p><b>自動攝影*:</b><br/>每次在文稿台上放上文稿時，自動拍攝文稿的影像。</p> <p><b>手動攝影:</b><br/>每次將文稿放在文稿台上時，需要手動啟動快門。</p>  |
| 顯示幕畫面方向 | <p>切換畫面的方向。</p> <p><b>水平*:</b><br/>橫向拍攝文稿台上的文稿。</p> <div></div> <p><b>垂直:</b><br/>縱向拍攝文稿台上的文稿。</p> <div></div> |
| 增強白色    | <p>指定是否加強投射影像的白色。</p> <p><b>關*:</b><br/>不加強白色。</p> <p><b>開:</b><br/>加強白色。</p> <p><b>自動:</b><br/>投影機自動根據拍攝的影像決定是否進行白色加強。</p> <div> <b>重要!</b> _____<br/>當“菱形校正”設定為“關”時，不能增強白色。</div>             |



| 設定名        | 説明   |
|------------|--|
| 菱形校正       | 指定是否對投射影像自動進行菱形校正。<br><b>開*:</b><br>自動進行菱形校正。<br><b>關:</b><br>不自動進行菱形校正。     |
| 投影文稿監視器影像  | 指定當從文稿台取出文稿時是否投影相機畫面上的影像。<br><b>開*:</b><br>投射相機畫面。<br><b>關:</b><br>不投射相機畫面。  |
| 初始化YC 相機設置 | 將所有YC相機應用程式的設置選項返回至初始預設設定。有關詳情請參閱第47頁上的“如何將YC 相機應用程式設置選單上的所有設定復原為初始出廠預設值”一節。 |

# 圖形計算器畫面影像的投影

使用USB電纜能將CASIO圖形計算器連接在資料投影機上，並用資料投影機投射計算器的畫面。下列CASIO圖形計算器可以支援USB連接。

- fx-9860G系列

## 如何投射圖形計算器的畫面

### 1. 設置圖形計算器的資料通訊功能。

進入LINK模式，如下所示配置“Wakeup”及“Capture”設定。

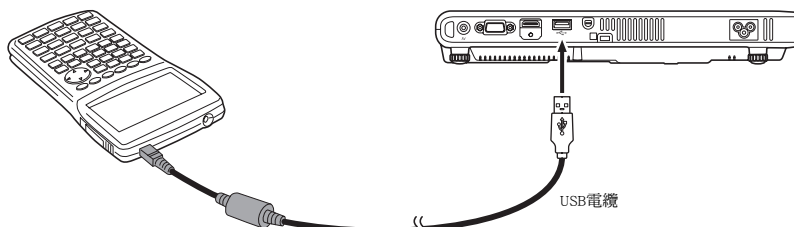


- 在連接計算器與資料投影機之前必須配置這些通訊設定。
- 有關配置這些設定的詳細說明，請參閱計算器附帶的用戶文件。

### 2. 打開資料投影機的電源。

### 3. 用圖形計算器附帶的USB電纜如下所示連接圖形計算器與資料投影機。

- 資料投影機將投射圖形計算器的畫面。



\* 插圖以fx-9860G為例。



#### 重要！

- 與計算器連接時，若資料投影機投射的畫面影像中出現沙漏圖示，則需要在計算器上進行一些操作，使沙漏消失並恢復正常投影。
- 若在與資料投影機連接後，計算器不正常動作，請嘗試從計算器拔下USB電纜後再重新插上。若問題未能解決，請將USB電纜從資料投影機及計算器中都拔下。關閉資料投影機的電源後重新打開，然後再次連接計算器與資料投影機。

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Version 2.1, February 1999

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