PianoDisc iQ Flash

Multimedia Flash Player User's Guide/多媒体播放器用户手册

English/Chinese (中文从第十七页开始)

Version 1.0
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Overview

The iQ Flash is a modern, flexible music player specifically designed for use with a PianoDisc iQ player piano system. Key features include:

• Play MP3 files from USB, SD, or MMC flash memory

• Record your own performances (with optional Performance Package)

• Integrated balance control for just the right mix of piano and accompaniment

• Repeat & Shuffle features let you choose how to listen to your music

• Wireless remote control

• Easy to read high-contrast backlit LCD display

• Future expandability

Important Safety Instructions

WARNING: When using electrical appliances, these basic precautions should always be followed:

1. Read and understand all instructions before using the product.
2. Do not open the cover under any circumstances.
3. Keep the power cord away from other objects. Make sure that the cord is not twisted, placed in any lane of traffic, or trapped under the piano.
4. Locate your PianoDisc unit away from direct sunlight, water or moisture, or hot or cold air currents.
5. If the PianoDisc unit is to remain unused for an extended period of time, the power supply should be disconnected.
6. If repair is necessary, refer only to authorized service personnel.
7. This product, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
8. The product should be located so that its location or position does not interfere with its proper ventilation.
9. Care should be taken so that objects do not fall onto and liquids are not spilled into the product through the openings.
10. Care should be taken so that objects do not fall onto and liquids are not spilled into the piano through the keys or inside the piano cabinet
11. The product should be unplugged, and serviced by qualified service personnel when:
    • The power supply cord or plug has been damaged.

- Objects have fallen or liquid has been spilled into the product or piano.
- The product or piano has been exposed to rain.
- The product does not appear to operate normally or exhibits a marked change in performance.
- The product has been dropped or the enclosure is damaged.

Save These Instructions!

General Operating Notes

- When the control unit is turned off from the front panel, your piano and control unit will continue to consume a small amount of power. Disconnecting your piano from the power source will completely shut down the unit.

- If your piano or iQ Flash control unit fails to operate in a manner consistent with the instructions in this manual, please disconnect it from your power source and contact your authorized PianoDisc Dealer, certified PianoDisc technician or PianoDisc.

Technical Assistance

Technical assistance is available online at www.pianodisc.com, or by sending an email to techsupport@pianodisc.com. Technical support is available by phone Monday through Saturday at (00) 1.916.567.9999

Control Unit Overview

Front View

Rear View
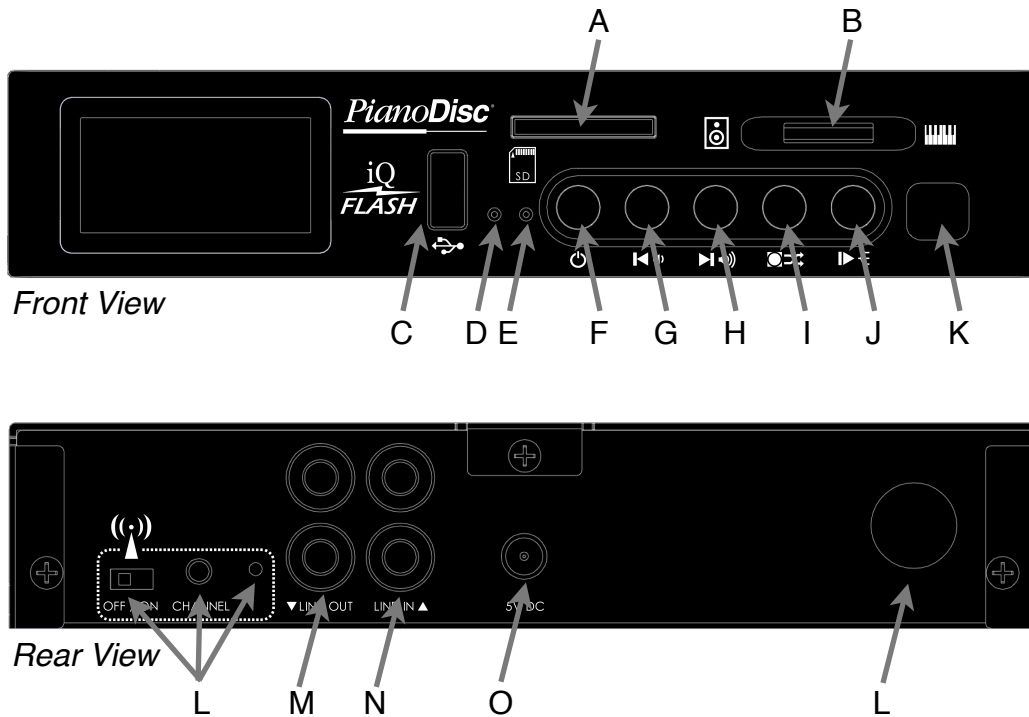
A. SD/MMC Flash Memory Slot
Insert a SD or MMC flash memory card into this slot. Note the orientation of the card, as seen in the picture beneath the slot.

B. Balance Control
Use balance to adjust the relative volume of the piano performance and the background accompaniment (e.g., vocals and instrumentals). Move the wheel to the left to emphasize the accompaniment, or to the right for piano.

C. USB Port
Connect a USB flash memory device to this port. Other USB devices, such as hard disk drives, are not supported.

D. Power Indicator
The LED is green when the player is turned on.

E. Record Indicator
The LED is red when recording or writing to memory. Do not remove memory devices when this light is illuminated.

F. Power Button
Push the button to turn the device on or off.

G. Skip Back/Volume Down Button
Tap the button to skip to the beginning of the current track or to a previous track. Hold the button down to decrease the volume.

H. Skip Forward/Volume Up Button
Tap the button to skip to the next, or subsequent tracks. Hold the button down to increase the volume.

I.   Stop/Record/Random Button
When playing or recording, tapping this button will stop playback or record. In Line Mode, this button will also start recording. Hold this button to switch between repeat and shuffle modes. Immediately after recording, holding this button will switch the source and begin playing the recording.

J. Play/Pause/Mode Button
Tap this button to play or pause. In order to play, the mode must be set to a source with music. To change to a different source, press and hold this button. The three sources are USB, SD/MMC, and Line.

K. Remote Receiver
This is the IR receiver. When using the remote control, aim at this area for best results.

L. Future Use
These controls are for a wireless feature that is not yet available for sale. In the future, it will be possible to purchase a wireless upgrade for iQ Flash.

M. Line Out
Connect Line Out to the iQ's Line In using an RCA to 3.5mm "Y" cable.

N. Line In
This connection is optional. If a performance option is installed (with under-key sensors), connect the iQ's Record Output to this port using a 3.5mm to RCA "Y" cable. This port may also be used to connect an external music player, such as a CD changer. Connect the external player's "Line Out" to this port using RCA cables.

Remote Control Overview

A. Power
Push the button to turn the device on or off.

B. Mute
Mute both the piano and accompaniment, while the song continues to advance.

C. Mode
Switch between USB, SD/MMC, and Line Modes.

D. Play/Pause
Play or pause music from the current source.

E. Stop
Stop music playback.

F. Random
Switch between repeat mode and random mode.

G. Record
In Line Mode, press to start or stop recording.

H. Previous
Press to skip to the beginning of the current song or to select a previous track.

I. Next
Press to skip to the next track.

J. Numeric Entry
Use the numeric entry pad to enter a track number and skip directly to a specific song.
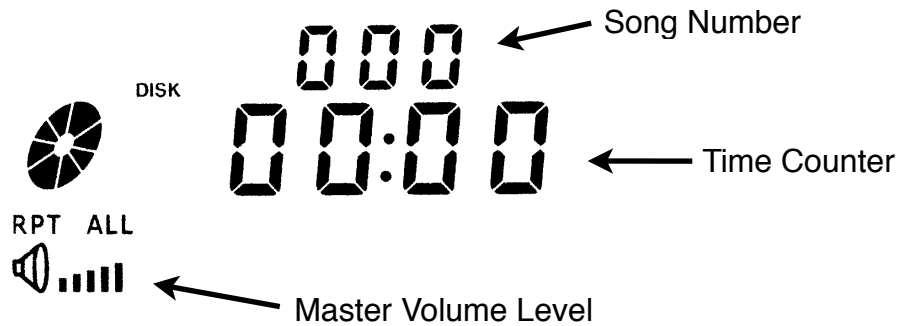
K. Volume Down
Decrease the master volume (piano and accompaniment).

L. Volume Up
Increase the master volume (piano and accompaniment).

Disk Mode (SD/MMC)

```
         ___  ___  ___        ← Song Number
 DISK    |_|  |_|  |_|
  ()     ___  ___ . ___ ___
  (*)    |_|  |_| : |_| |_|   ← Time Counter
RPT ALL
 ◁)﹒ıl◀                      Master Volume Level
```

In disk mode, you can play music from SD or MMC flash media. Here's an example of how you may use Disk Mode:

1. Insert the flash media card so that the gold colored contacts are facing up. See the illustration on the unit for the correct orientation.

2. Hold the <u>random</u> button (or press random on the remote) to switch between "Repeat All" and "Random" modes.

    Repeat All: Continuously play all songs in sequence.

    Random: Play all songs one time in random order.

3. Push <u>play</u> to begin playing music.

4. Adjust the master volume by holding <u>volume down</u> or <u>volume up</u>.

5. Push <u>stop</u> (or <u>pause</u>) to stop playing.

USB Mode

Song Number

Time Counter

RPT ALL

Master Volume Level
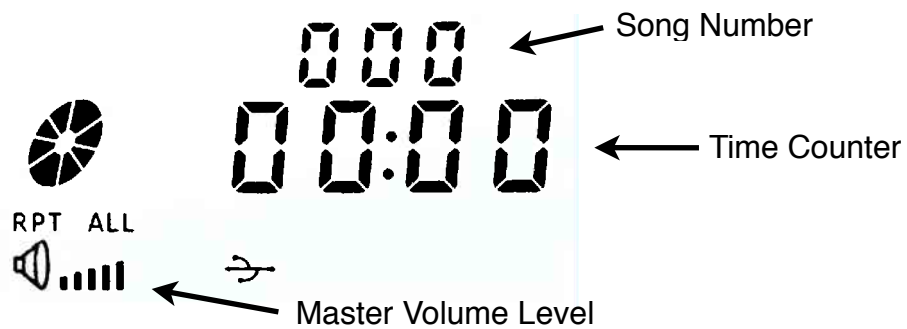
In USB mode, you can play music from USB flash media. Here's an example of how you may use USB mode:

1. Insert the flash memory stick (thumb drive) into the USB slot.

2. Hold the <u>random</u> button (or press random on the remote) to switch between "Repeat All" and "Random" modes.

    Repeat All: Continuously play all songs in sequence.

    Random: Play all songs one time in random order.

3. Push <u>play</u> to begin playing music.

4. Adjust the master volume by holding <u>volume down</u> or <u>volume up</u>.

5. Push <u>stop</u> (or <u>pause</u>) to stop playing.

Line Mode

Line mode allows you to play or record from an external audio source. Before you begin, ensure an external source is connected. The most common uses for Line Mode are:

Recording A Performance:

If your piano is equipped with an under-key record sensor (performance option), the "Record Output" of the iQ should be connected to the "Line Input" of the iQ Flash. Your performance is encoded digitally, and will play the keys of your piano. Since the performance is digitally encoded, you cannot listen to it through headphones or speakers. Here's an example of how you may use Line Mode to record:

1. Verify that a flash device with sufficient space is inserted in the USB or SD/MMC slot.

2. Press the <u>record</u> button.

3. Wait until the red LED illuminates and the timer begins counting.

4. Play a song.

5. Press <u>stop</u> to stop recording.

6. Hold <u>stop</u> on the front panel to switch modes and begin playing your recording.

Playing From An Alternate Source:

If you have an external music source, such as a CD changer, Airport Express, iPod, or DVD player, you can use it to play music on your piano. Connect the "Line Out" of your alternate source to the "Line In" on iQ Flash. You cannot control the operation of the device through iQ Flash, but you can adjust the volume and balance. Here's an example of how you may use Line Mode to play from an external source:

1. Begin playing PianoDisc-encoded music on the external source.

2. Adjust master volume using <u>volume down</u> or <u>volume up</u>.

3. Use the balance wheel to control the balance between the piano and accompaniment.

Basic Operation

Playing Music

In order to play music, you'll need a flash memory device. This can be either a SD (or MMC) card, or a USB flash stick. Your flash memory needs to contain MP3 files specifically created for the PianoDisc system.

1. Insert the flash memory device into the media player SD or USB slot.
2. If necessary, press and hold the <u>mode</u> button once or twice to change to the correct source.
3. If desired, hold the <u>random</u> button (or press random on the remote) to switch between "Repeat All" and "Random" modes.

   Repeat All: Continuously play all songs in sequence.

   Random: Play all songs one time in random order.
4. Push <u>play</u> to begin playback.
5. If desired, use <u>volume up</u> or <u>volume down</u> to adjust the master volume.
6. If necessary, use the <u>balance</u> control to adjust the mix of the piano vs. audio accompaniment.
7. Use the <u>previous</u> button to re-start the current song, or select a previous song.
8. Use the <u>next</u> button to skip to the next song.
9. Use <u>stop</u> or <u>pause</u> to stop playing.

Recording A Performance

1. If necessary, press and hold the <u>mode</u> button once or twice to change to "Line Mode".
2. Verify that a flash device with sufficient space is inserted in the USB or SD/MMC slot.
3. Press the <u>record</u> button.
4. Wait until the red LED illuminates and the timer begins counting.
5. Play a song.
6. Press <u>stop</u> to stop recording.
7. Hold <u>stop</u> on the front panel to switch modes and begin playing your recording.

About the Music

iQ Flash can play any MP3 file, but not every MP3 file will play the piano. For the piano to play, the MP3 file needs to be in a special PianoDisc format. Because digital performance data is embedded in PianoDisc music, you will hear digital noise (squeal) if you listen to PianoDisc music directly.

Buying Music

PianoDisc has one of the industry's largest music libraries, encompassing many types and styles of music. To purchase additional music for your piano, visit your dealer or the PianoDisc website, at www.pianodisc.com.

When you purchase music from PianoDisc, you can choose to download the music and copy it to flash memory yourself, or simply buy flash media pre-loaded with your music.

If you choose to download the music and copy it yourself, you'll need to use PianoDisc's free MusiConnect utility. MusiConnect loads your music directly into iTunes, and automatically handles naming, album artwork, and volume levels.

MusiConnect is available for Mac or PC, and is available at www.pianodisc.com/support/musiconnect.html. Full instructions are available on the site, and in the MusiConnect help menu.

If you plan to only purchase pre-loaded flash media from PianoDisc, there's no need to continue reading this section. Just buy your music and enjoy!

Standard MIDI Files

A seemingly endless number of MIDI files are available both online and from third-party music sellers. When professionally produced for piano, MIDI sources can be an excellent addition to your player piano music library. MusiConnect can convert MIDI files to PianoDisc format, and load them into iTunes.

It should be noted that MIDI files are sometimes produced for specific instruments--or by amateurs--so not all MIDI music is at the same quality level. You may have to try several versions of a song before you find one that works well on a player piano.

MIDI files contain musical performances, but unlike MP3 files, do not contain audio. Instead, a MIDI file instructs a real musical instrument what, and how, to play.

Since a player piano is a real instrument, it has physical limitations not found on a synthesizer. For example, it takes a short amount of time for a piano's hammer to physically strike a string and return to rest. A synthesizer has no such limitation, and plays (and stops) all notes instantly.

A MIDI "sequencer" can be used to modify a musical performance, and to adjust parameters such as note timing and trills. Sequencers are available for both Mac and Windows, but do require more advanced musical knowledge.

Managing Music With iTunes

iTunes is a very popular free music management application available for the Mac or PC. You can download it from Apple by visiting www.apple.com/itunes/download/.

If you want to download music or convert MIDI files, you'll need to use MusiConnect and iTunes to manage your music. MusiConnect relies on iTunes to encode music in MP3 format, add accompaniment tracks, and organize music. It's <u>very important</u> that iTune's "Import Settings" be configured as follows:

• MP3 Encoder

• Custom Quality, 256 kbps stereo

• Normal Stereo Mode

• No Smart Encoding Adjustments
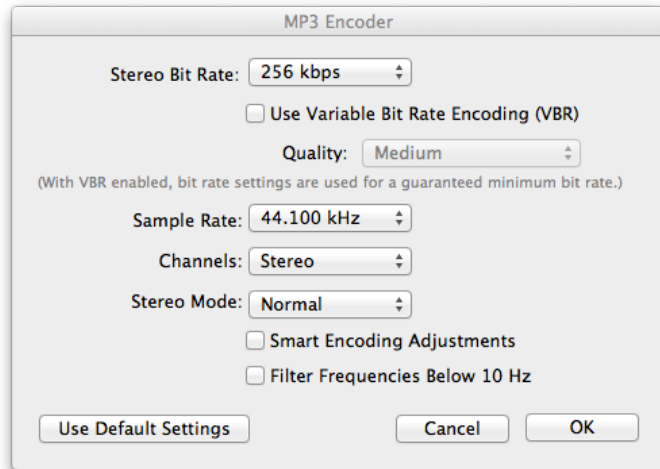
Copying Music to SD/MMC or USB

Once your music is loaded into iTunes, it's easy to copy onto your flash memory device. Follow these steps:

1. Insert the flash memory into your computer.

2. Select the MP3 songs in iTunes that you wish to copy.

3. Drag them onto your flash device.

4. Eject the flash device before removing it from your computer.

Troubleshooting Compressed Music

MP3 files are inherently "lossy". That is to say, some information is eliminated from the audio in order to reduce the overall size of the file. If too much information is removed, that data track that controls piano performance may suffer.

If you hear incorrect (or missing) notes, one possible cause is that the music is overly compressed. For best results, we recommend compressing encoding MP3 files at 256 kbps. If you need to save more disk space, 192 kbps is the lowest recommended setting. At 192 kbps, you may experience an occasional missed or incorrect note. At 256 kbps, you should not have any.

To avoid this issue entirely, it is also possible to encode music in a lossless format such as WAV. The main drawback of lossless files is that they are much bigger, so fewer will fit on a flash device.

Specifications

Power	5 VDC, 1 A
Display	1.75" (44mm) blue LED backlit
Line In	Stereo RCA
Line Out	Stereo RCA
Media Types	USB Flash, SD/MMC Flash
File Formats	MP3 (256 kbps recommended)
Remote Control	IR credit-card style
Future Expansion	Wireless audio option
Dimensions	36mm (1.4") tall, 180mm (7.1") wide, 143mm (5.6") deep

概述

iQ闪存是一个现代化,灵活的音乐播放器，特别为PianoDisc IQ钢琴系统设计。

主要功能包括：

- USB，SD或MMC闪存播放MP3文档
- 录制自己的演奏（选项功能套件）
- 钢琴和伴奏综合平衡控制
- 重复和随机播放功能，让您选择如何聆听您的音乐
- 无线远程控制
- 易于阅读的高对比度背光液晶显示屏
- 备用扩展

安全指引

警告：遵守基本的预防措施当使用电器时:

1. 使用产品前,阅读并理解所有指令。
2. 任何情况下不能打开合盖。
3. 保持电源线远离其他物品。确保电源线不扭曲，放置在任何通道，或被困在钢 琴下。
4. PianoDisc控制单元远离阳光直射，水,潮湿，热或冷的地方。
5. 如果PianoDisc控制单元保持一段较长时间不使用，应中断电源。
6. 如必须维修，请委托合资格技术员进行维修服务。
7. 单独使用或与扩音器和耳机或扬声器混合使用，可能产生导致永久失聪的。
8. 音量,请勿在高音量的状态或者不舒适的音量长时间收听.如果您感觉到任何失聪或者耳鸣,请向耳科专家询问。
9. 请把本产品放在适当的地方，因此，不干扰其正常通风的位置。
10. 应注意不要将物品和液体淋湿或掉下在本产品上。
11. 应注意不要将物品掉下和液体淋湿在琴键上或钢琴内。
12. 中断本产品电源，并交给合资格技术员修理,当本产品出现下列问题:
    - 电源线或插头损坏。
    - 物品掉下和液体淋湿在本产品或钢琴上。
    - 本产品或钢琴被淋雨 。
    - 本产品没有出现正常运作或在性能上显着变化。
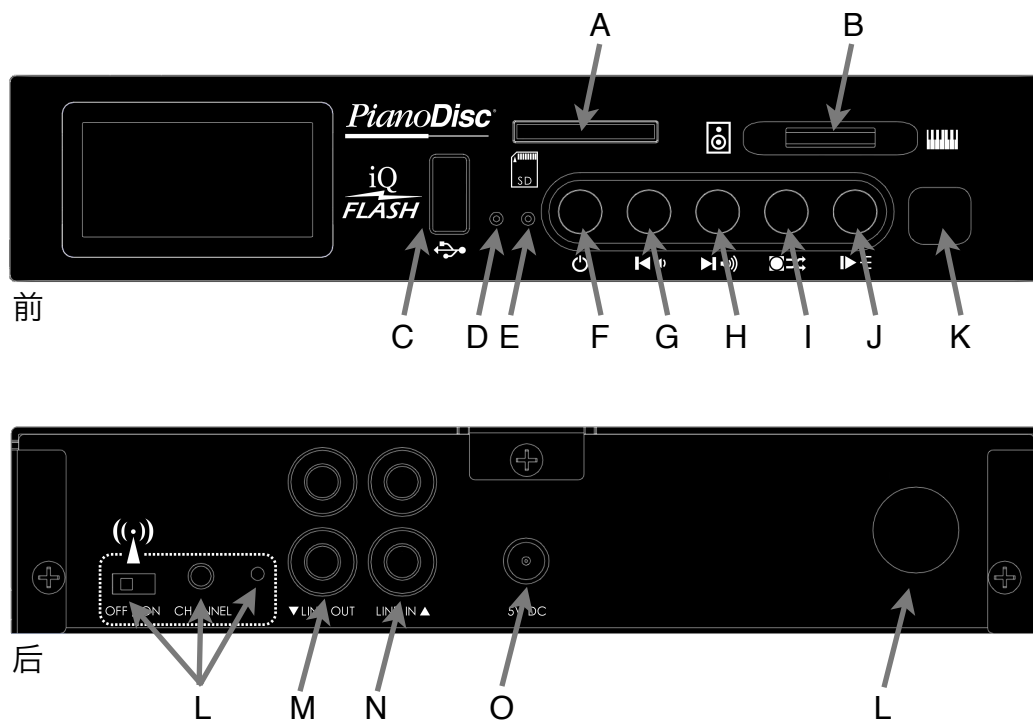   - 本产品掉到地下或外壳损坏。

保存这些说明书！

普通操作注意事项

· 当控制单元在面板关闭，钢琴和控制单元将继续消耗少量的电源。彻底关闭,把钢琴电源中断。

· 如果您的钢琴或IQ闪存卡控制单元无法符合本手册中指示的正常运作方式，请中断电源,并且,联络PianoDisc授权的经销商，认证PianoDisc合资格技术员或PianoDisc技术援助。

技术援助

技术援助可经网络获取援助, 网址 www.pianodisc.com

或请拨电话技术援助, 755.33301558 时间 星期一至星期六

控制单元概述

前

后

A. SD / MMC闪存插槽

将SD或MMC闪存卡插入此插槽。注意卡的方向，看图下方的插槽。

B. 平衡控制

使用平衡调整相对钢琴演奏音量和伴奏背景（例如，歌声和乐器）。伴奏,移调左边，或右边钢琴。

C. USB端口

USB闪存设备连接到这个端口。其他USB设备，如硬盘驱动器不支持。

D. 电源指示灯

播放器开启时，指示灯绿色。

E. 音制指示灯

录制或写存时指示灯红色。此指示灯亮起时，请勿取出闪存卡装置。

F. 电源按钮

开启或关闭设备,按电源按钮。

G. 跳回/调低音量按钮

点击按钮跳回当前曲目的开头或以前的轨道。按住降低音量按钮。

H. 跳前/调高音量按钮

点击按钮跳到下一个或后续轨道。按住调高音量按钮。

I. 停/录制/随机按钮

播放或录制时，点击此按钮停止播放或录制。行模式，此按钮也是录制按钮。按住此按钮重复和随机播放模式之间进行切换。录制后,按住按钮，将进行切换到来源，并开始播放录音。

J. 播放/暂停/模式按钮

播放或暂停点击按钮。播放，模式必须设置音乐源。按住此按钮切换不同的来源。USB，SD / MMC卡，和行模式三个来源。

K. 遥控接收器

红外线接收器。使用遥控器时，对着这点是效果最佳。

L. 备用

这无线功能控件尚未发售。将来有可能是一个升级无线IQ闪存功能。

M. 输出

用RCA到3.5mm的"Y"型电线连接IQ输入口。

N. 输入

这个连接是选项功能。如果安装选项功能（下键传感器），
使用3.5mm的RCA"Y"型电线连接IQ的录音输出。此端口也可连接外置音乐播放器，如CD 机。使用RCA电线连接外置播放器的"输出"到这个端口。

远程控制概述

A. 电源

开启或关闭设备按按钮。

B. 静音

当歌曲继续前进时, 静音钢琴和伴奏。

C. 模式

切换模式,USB, SD / MMC闪存, 和行模式。

D. 播放/暂停

在当前源播放或暂停音乐。

E. 停止

停止音乐播放。

F. 随机

切换重复模式和随机模式。

G. 录制

行模式, 启动或停止录制按按钮。

H. 上一步

按按钮跳回当前歌曲或选择上一首曲目的开始。

I. 下一步

按按钮跳到下一首歌曲。

J. 数字输入

使用数字输入键盘, 输入曲目编号, 并直接跳到特定的歌曲。

K. 调低音量

减少主音量（钢琴和伴奏）。

L. 调高音量

增加主音量（钢琴和伴奏）。

磁盘模式: (SD/MMC)

```
        ___  ___  ___
       |   ||   ||   |    ←──── 歌曲号码
  DISK |___||___||___|

   ⬤   ___  ___ ￨ ___  ___
  (✦)  |   ||   |:|   ||   |  ←──── 时间
       |___||___| ￨ |___||___|

 RPT  ALL

 ◁)) ▮▮▮▮▮
                 ←──── 主音
```

磁盘模式，播放SD或MMC闪存媒体的音乐。如何使用"磁盘模式"：

1. 插入闪存媒体卡，金色触点朝上。见插图上的正确方向。
2. 进行切换"全部重复"和"随机"模式,按住随机按钮（或按遥控器上的随机按钮）。
    全部重复：连续播放序列中的所有歌曲。
    随机：随机顺序播放所有歌曲一次。
3. 按播放按钮，开始播放音乐。
4. 调整主音量，调低或调高音量。
5. 停止播放,按停止（或暂停）按钮。

USB模式

歌曲号码

时间

RPT ALL

主音

USB模式，USB闪存媒体音乐播放。例如:

1. 把闪存(拇指驱动器) 插入USB插槽。
2. 切换,全部重复和随机模式, 按住随机按钮（或按遥控器上的随机）。
   全部重复：连续播放序列中的所有歌曲。
   随机：随机顺序播放所有歌曲一次。
3. 播放音乐, 按播放按钮。
4. 调整主音量，按住调低音量或调高音量按钮。
5. 停止播放按停止按钮（或暂停）。

行模式

行模式，容许您播放或外置源录制。开始前，确定外置源连接。行模式中最常见的用途是：

录制演奏：

iQ "录音输出"连接iQ闪存的"输入, 您的钢琴装备是根据下键录制传感器（选项)
您的演奏已编为数码，您的钢琴键并会播放,由于已编了数码，音乐已不能通过耳机或扬声器听到。这告诉您如何使用行模式录音：

1. 验证, 闪存设备有足够的空间,并插入 USB或SD / MMC插槽。

2. 按录制按钮。

3. 当红色指示灯亮起,计时器开始计算。

4. 播放一首歌

5. 停止录制, 按停止。

6. 切换模式,按住在面板上的停止按钮并开始播放录音。

外置源播放：

如果您有一个外置源, 如CD换碟机，AirportExpress，IPOD，DVD播放机,
可用它来播放钢琴音乐。连接外置源的"输出" iQ闪存"输入"上。设备操作已不能通过iQ闪存控制, 但可以调整音量和平衡。这例子告
诉您如何使用外置源行模式播放：

1. 在外置源里开始播放编码的PianoDisc音乐

2. 调整主音量，降低或增加音量。

3. 使用摆轮控制钢琴和伴奏之间的平衡。

基本操作

播放音乐

播放音乐，您需要一个闪存设备,SD（或MMC）卡或U盘。在这闪存设备里需要有PianoDisc系统特制的MP3文件。

1. 将闪存设备插入媒体播放器SD或USB插槽。

2. 如需要，按 "模式"按钮一次或两次，改变到正确的源。

3. 如意愿，按住随机按钮（或按遥控器上的随机按钮）进行切换"重复"和"随机"模式。

   全部重复：连续播放序列中的所有歌曲。

   随机：随机顺序播放所有歌曲一次。

4. 按播放按钮开始回播。

5. 如意愿，可用调高音量或调低音量的按钮调整主音量。

6. 如果需要，使用平衡控制调整钢琴与音频伴奏的混合。

7. 使用上一步按钮重播当前歌曲，或选择一首歌曲。

8. 使用下一步按钮跳到下一首歌曲。

9. 使用停止或暂停按钮，停止播放。

录制演奏

1. 如需要,按住模式按钮一次或两次，改变"行模式"。

2. 验证，闪存设备有足够的空间,并插入USB或SD / MMC插槽。

3. 按录音按钮。

4. 当红色指示灯亮起,计时器开始计算。

5. 播放一首歌

6. 按住面板上的停止按钮切换模式,并开始播放录音。

关于音乐

iQ Flash能播放任何MP3文件，但不是每个MP3文件可在钢琴上弹. 如想在钢琴
上弹，这个MP3文件需要是PianoDisc特制的程式.由于数码功能嵌入PianoDisc音乐，如
果直接播放PianoDisc音乐,您会听到数码噪音（尖叫声)。

购买音乐

PianoDisc是行业中最大的音乐库之一，包括许多不同类型和风格的音乐。为你的钢琴加
添更多的音乐，请访问您的经销商或PianoDisc网站，在www.pianodisc.com。

当您购买PianoDisc的音乐时，您可选择下载音乐并将复制到自己的闪存，或者买预加载
的闪存。

如果选择下载音乐，并自己复制，便需要使用
PianoDisc的免费MusiConnect实用程序。
MusiConnect直接加载音乐到iTunes，并自动
处理命名，插图，及音量。

> **如果您**购买PianoDisc 预载音
> 乐闪存，**您可以无需继续阅读**
> **下面的文件。**

MusiConnect是适用于Mac或PC，可在
www.pianodisc.com/support/musiconnect.html 网站下载,全部说明书可在MusiConnect
帮助的菜单找到。

标准MIDI文件

似无穷无尽的MIDI文件，可在线和来自第三方的音乐销售商购买。MIDI文件的音乐源可
以说是一个极佳的钢琴音乐库。 MusiConnect可将MIDI文件转换到PianoDisc程式，并加
载到iTunes。

注，有些MIDI文件是为某种乐器文件而制作, - 或由业余爱好者制作 所以,不是每个MIDI音
乐都同一质量水平。您可能需要尝试几个版本的歌，才能找到适合的MIDI音乐在钢琴上
播放。

MIDI文件中包含的音乐演奏，但MP3文件，不包含音频。相反，一个MIDI文件告诉您真
正的乐器是什么, 如何, 以及发挥. 由于钢琴是一个真实的乐器而不是合成器,它具有物理上
的限制,。例如， 钢琴锤需要一段短的时间在钢琴弦上敲击, 并返回原位, 而合成器没有此
限制, 并可即时演奏(停止) 所有音符。

一个MIDI "音序器"可用于修改演奏风格，调整参数，音符时序 如注意时机和颤音。音序器可用于Mac和Windows两种，但这要求比较高水平的音乐知识。

iTunes音乐管理

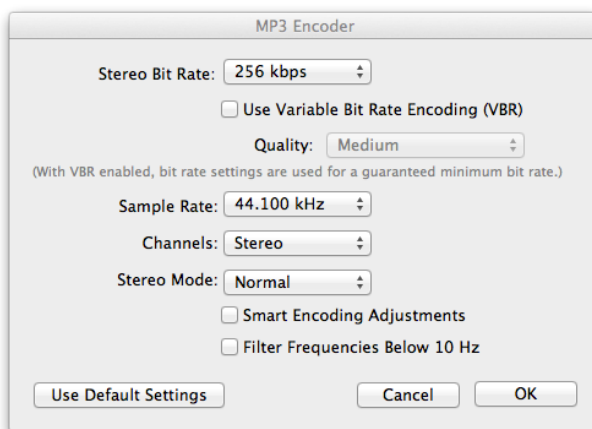iTunes在Mac或PC里是一个现时非常流行的免费音乐应用管理程序。您可在苹果网站下载, www.apple.com/itunes/download/。

如果您想下载音乐或转换到MIDI文件，这您需要使用MusiConnect和iTunes管理。MusiConnect依靠iTunes上的编码改为MP3程式音乐, 添加伴奏的曲目并且编排音乐。iTunes 的"导入设置"非常重要的配置, 如：

• MP3编码器

• 自定义质量, 256 kbps 立体声

• 普通立体声模式

• 无智能编码调整

将音乐复制到SD / MMC或USB

当音乐加载到iTunes后, 这很容易复制到闪存记忆设备里. 按照以下步骤：

1. 闪存插入电脑。

2. 在iTunes中选择您要复制的MP3歌曲

3. 将MP3歌曲移到闪存设备。

4. 拆除闪存设备前请把闪存设备从电脑逐出。

故障排除-压缩程式音乐

MP3文件本质上"有损"。这就是说，有些信息是从音频淘汰，以减少文件的整体规模。如果太多的信息被删除，钢琴演奏，数据跟踪，控制可能会受到影响。

如果您听到不正确的（或遗漏）音符，原因可能是过度压缩音乐.为了达到最佳效果，我们建议压缩编码为256 Kbps的MP3文件。如需要节省更多的磁盘空间，建议设置最低到192 kbps。这您可能会遇到偶尔遗漏或不正确的音符。设置在256 kbps应没有问题。

要完全避免这个问题，也可设置如WAV无损程式的音乐进行编码。无损程式文件的主要缺点是需要更大的空间，所以,闪存设备只可适合储存少量音乐。

规格

电源	5VDC（伏特）, 1 A （安培）
显示窗	44mm 蓝色LED背光
输入	立体声 RCA
输出	立体声 RCA
媒体类型	USB闪存, SD/MMC闪存
文件程式	MP3 (256 kbps 建议)
遥控	IR 小卡类型
备用	无线音频选项
尺寸	36mm 高, 180mm 高, 143mm 深