

MD770 Box Contents:

- MD770 Keyboard (**two halves**)
- USB C to C Coiled Cable ***1pcs**
- USB A to C Cable ***1pcs**
- Mistel Key Puller ***1pcs**
- Rubber Foot Stand W/Screw ***4pcs**
- User Manual ***1pcs**

MD770 Specifications:

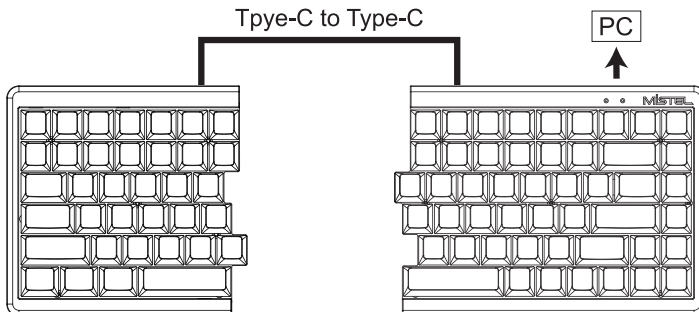
- Model **Barocco MD770**
- Keyboard Layout **ANSI, JIS**
- Keycap **PBT Double Shot**
- Macro Funtion **YES**
- Polling Rate **1000Hz**
- Key Switch **Cherry MX**
- Matrix **NKRO**
- Media Key **Yes**
- On-Board Memory **Yes**
- Operating System **Window OS / Mac OS**
- Dimensions **L 334.5mm x W 140mm x H 34.5mm**
- Weight **800g**

Keyboard Installation:

■ Check the keyboard and contents before use to ensure everything is functioning properly

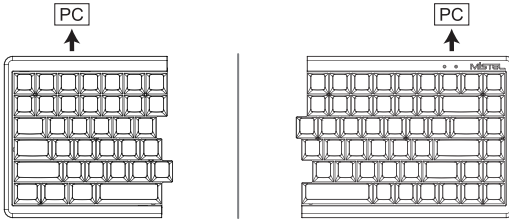
- All dip switches OFF
- All key press properly and smoothly
- All accessories are in the box

Congratulations, now let's get the keyboard going. The right half of the keyboard is the "master", so first plug the USB C to C coiled cable joining the left and right sides. Then use the USB A to C cable to plug the right half of the keyboard into your computer.

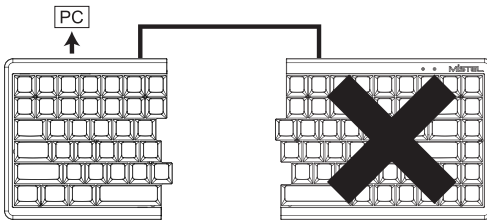


Keyboard Installation:

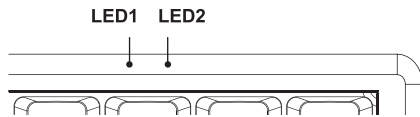
To use the keyboard separately, insert the USB A to C cable into the connector on both halves and remove the USB C to C coiled cable between both halves.



*When both halves are connected, insert the USB A to C cable into the left side keyboard, the right side keyboard will not function properly.



LED Indicators:



■ LED1 : Keyboard Layer / Programming Indicator.

choose different programming layers for the keyboard. This allows each key to have a different function programmed for each layer.

- LED1 Off --- Default Layer
- LED1 Red --- Layer 1
- LED1 Green --- Layer 2
- LED1 Blue --- Layer 3
- LED1 White --- Programming

■ LED2 : Capslock Indicator.

DIP Switch:

- Dip Switch 1 ON: Mac layout ; OFF for Windows layout.
- Dip Switch 2 ON: Capslock and L_Ctrl keys exchange position.
- Dip Switch 3 ON: L_Win and L_Alt keys exchange position.
- Dip Switch 4 ON: Capslock and Fn keys exchange position.

Keyboard Layout Switch:

■ Keyboard Arrangement change.

Cycle change different keyboard layout when press Pn + “.”

- Default --- QWERTY
- Press 1 time --- COLEMAK
- Press 2 time --- DVORAK
- ...

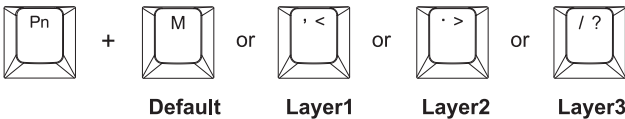


Macro:

■ Macro Programming Instruction:

- Macro programming is prohibited on the default layer.
- Macro is not allowed on the following keys, for example: **Pn / Fn**.

1. Choose Layer 1, 2 or 3.



- Pn + M** --- Default (LED1 Off)
- Pn + , <** --- Layer 1 (LED1 Red)
- Pn + . >** --- Layer 2 (LED1 Green)
- Pn + / ?** --- Layer 3 (LED1 Blue)

2. Press Fn + R_Ctrl to enter marco mode. (LED1 will light on white)



3. Reassign the key. The LED1 will blink white.

3-1) Select the key position for the new macro.

3-2) Press the button to be changed (For example, select the “L” key first, and then press the “P” key. This would change the position of the “L” key to the “P” key.)

4. Press the Pn key once to save the new setting. The LED1 will turn solid white again.

5. Press Fn + R_Ctrl again to exit the macro mode. The LED1 will turn off.

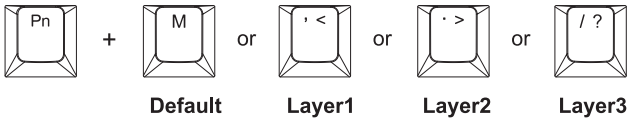
6. Repeat step 1 through 5 to change any of the original key to other keys.

Remapping:

■ Remapping Instruction:

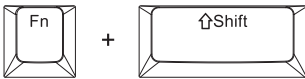
- Remapping is prohibited on the default layer.
- You cannot move the Fn/Pn key to R_Ctrl, R_Shift or L_Shift in Layer 1, 2 or 3.
- To move a command from one key to another.
For example, to remap the Fn/Pn key to the CapsLock key.

1. Choose Layer 1, 2 or 3.

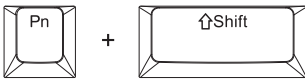


- Pn + M** --- Default (LED1 Off)
- Pn + , <** --- Layer 1 (LED1 Red)
- Pn + . >** --- Layer 2 (LED1 Green)
- Pn + / ?** --- Layer 3 (LED1 Blue)

2. Press Fn + L_Shift for 3 seconds (LED1 light on Red)



Press Pn + L_Shift for 3 seconds (LED1 light on Red)



3. Press the New Function Key (for example CapsLock).

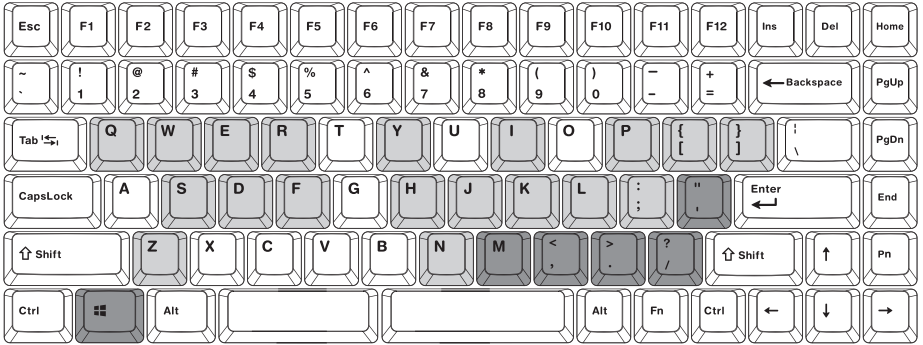
4. The Target Key is now remapped as the New Function Key.

(for example, now the Fn/Pn command is activated when pressing the CapsLock key).

Reset:

- Reset Current Single Layer (to factory settings): Choose Layer 1, 2 or 3 then press Fn + R for about 1 seconds (LED3 will flash White 5 times).
- Full Keyboard Reset (to factory settings): Press 2 Alt keys together for 1 seconds. (LED 1 will flash White 5 times). ***Warning: all programmed layers, macros and remaps will be lost.**

Fn/Pn Keymap:



Fn + " = Keyboard Arrangement Change

Fn + L_Win = Win Lock

Fn + M = Default Layer

Fn + < = Layer 1

Fn + > = Layer 2

Fn + ? = Layer 3

Fn + Q = Previous Track

Fn + W = Play / Pause

Fn + E = Next Track

Fn + S = Volume Up

Fn + D = Volume Down

Fn + F = Volume Mute

Fn + P = PrtSc

Fn + [= ScrLk

Fn +] = Pause

Fn + ; = Insert

Fn + H = Home

Fn + N = End

Fn + I = Up Arrow

Fn + J = Left Arrow

Fn + K = Down Arrow

Fn + L = Right Arrow

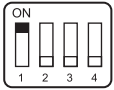
Fn + Z = APP

Fn + Y = Calculator

Fn + R = Reset Single Layer

Mac OS Function:

- You can not upgrade the keyboard firmware under Mac OS.
- Ensure DIP switch is in Mac mode. (DIP switch 1 On)



F1	Decrease screen brightness
F2	Increase screen brightness
F3	MISSION CONTROL
F4	
F5	Decrease keyboard brightness
F6	Increase keyboard brightness
F7	Previous track
F8	PLAY/PAUSE
F9	Next track
F10	Mute
F11	Decrease volume
F12	Increase volume

Troubleshooting:

■ If the keyboard is not working properly, do the following steps.

1. Perform a single layer reset on the layer that is not working properly.
2. Perform a full keyboard reset.
3. Replug all keyboard cables.

■ If the left half of the keyboard does not work properly, do the following steps.

1. Check the USB C cable joining the two halves. Inspect the cable to check if it is faulty.
2. Visually check if the right and left USB connectors on the keyboard are damaged.
3. Confirm that the right half is working properly alone (unplug the left side).
4. Download firmware for the keyboard and test again after replug.

■ If the key fails to work or respond properly, please check it by the following steps.

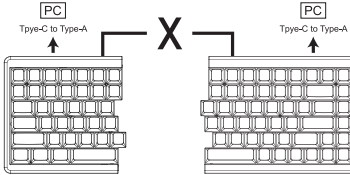
1. Check that all 4 dip switches are off.
2. Perform a single layer reset on the layer that is not working properly.
3. Perform a full keyboard reset.
4. Check whether a single key does not respond or multiple keys do not respond.
 - If a single key does not respond, there may be a shaft fault that needs to be repaired.
 - If there are multiple keys that do not respond at the same time, a short circuit may be present somewhere inside the keyboard.

Firmware Update:

■ How to download or update firmware on the MISTEL keyboard:

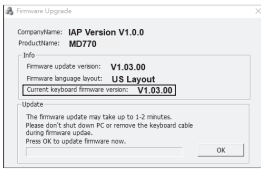
1. Download new firmware from MISTEL web-site, www.mistelkeyboard.com/support
 2. Connect and upgrade the firmware by each side separately.
- Note: Mac OS does not support the firmware update software.

■ Do not connect the coiled cable between LEFT and RIGHT keyboard while updating.

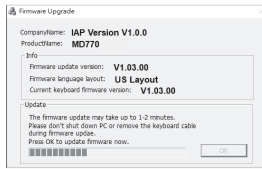


■ Firmware will detect the keyboard version automatically when plug-in.

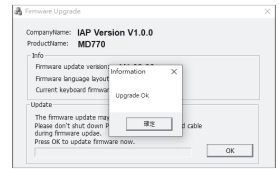
- If the “current keyboard firmware version” is blank, please make sure you download the correct firmware version from MISTEL web-site.



>



>



Warranty Description:

- The warranty for each keyboard is one year. If the keyboard fails after the warranty period, MISTEL can repair the keyboard but you will be asked to pay for shipping to and from MISTEL. Repair costs will only be charged for major parts failures.
- If the keyboard fails within one year, we will provide free repair service. Please send the keyboard to us for maintenance and repair. We will send it back to you as soon as possible after repair or provide parts for you to replace on your own.
- If the keyboard is damaged due to human factors or the keyboard is damaged due to external forces, we can provide repairs but will charge shipping and repair fees. If the keyboard has water or fluid inside the PCB, DO NOT wash it with water, but use only a dry cloth. Fluid in the keyboard can cause corrosion, requiring the entire PCB to be replaced.
- If you need any other service or help with your new keyboard, please email MISTEL at: services@mistelkeyboard.com

MD770 產品內容物:

- MD770 鍵盤 (左半、右半)
- USB C to C 捲線 *1條
- USB A to C 直線 *1條
- Mistel 拔鍵器 *1個
- 橡膠腳墊與螺絲 *4組
- 使用說明書 *1本

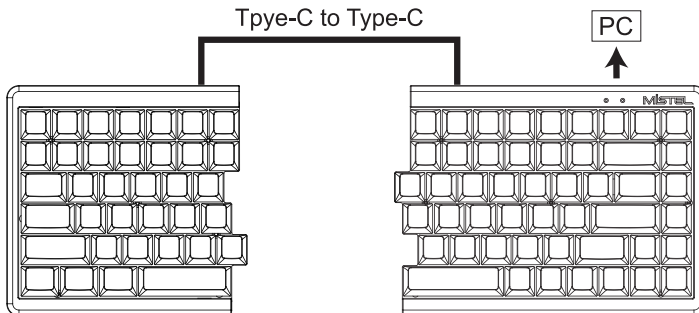
MD770 產品規格:

- 型號 Barocco MD770
- 鍵盤配置 ANSI, JIS
- 鍵帽 PBT 二色成型
- 巨集功能 YES
- 回報率 1000Hz
- 軸體 Cherry MX
- 按鍵衝突 NKRO
- 多媒體 Yes
- 硬體儲存 Yes
- 作業系統 Window OS / Mac OS
- 鍵盤尺寸 L 334.5mm x W 140mm x H 34.5mm
- 鍵盤重量 790g

產品安裝:

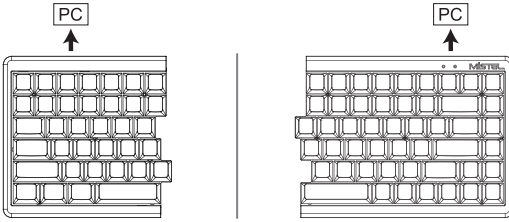
- 使用前請務必檢查產品外觀、功能與盒裝內容物。
- 指撥開關保持關閉
- 所有按鍵按壓順暢與輸出正常
- 盒裝內容物是否完整

鍵盤的主控端位於右邊，透過USB A to C直線將右邊與硬體裝置連接，再使用USB C to C捲線連接鍵盤左右兩邊，即可使用完整的鍵盤功能。

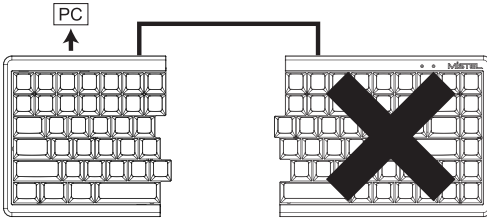


產品安裝:

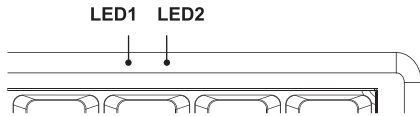
單獨使用左邊/右邊鍵盤，僅需要將USB A to C直線連接至硬體裝置即可單獨使用。



*如果以左邊連接硬體裝置，並且將兩邊連接時，右邊則會沒有功能。



LED 指示燈:



■ LED1：鍵盤配置 / 巨集功能指示燈

為鍵盤選擇不同的巨集編輯層。

- LED1 未亮燈 --- 預設層
- LED1 紅燈 --- 編輯層 1
- LED1 綠燈 --- 編輯層 2
- LED1 藍燈 --- 編輯層 3
- LED1 白燈 --- 巨集編程中

■ LED2：大寫鎖定指示燈

指撥開關:

- 指撥開關1 ON: Mac 鍵位配置 ; OFF Windows 鍵位配置
- 指撥開關2 ON: Capslock 與 L_Ctrl 鍵位交換
- 指撥開關3 ON: L_Win 與 L_Alt 鍵位交換
- 指撥開關4 ON: Capslock 與 Fn 鍵位交換

鍵位配置切換:

■ 按下 Pn + “ 循環切換鍵位配置

- 預設 --- QWERTY
- 按一次 --- COLEMAK
- 按二次 --- DVORAK



⋮

巨集編程:

■ 巨集編程操作:

- 無法在預設層進行巨集編程
- 在編程操作時，有些鍵無法做編程設定: Pn / Fn

1. 選擇編輯層 1, 2 or 3



- Pn + M** --- 預設層 (LED1 未亮燈)
- Pn + , <** --- 編輯層 1 (LED1 紅燈)
- Pn + . >** --- 編輯層 2 (LED1 綠燈)
- Pn + / ?** --- 編輯層 3 (LED1 藍燈)

2. 按下 Fn + R_Ctrl 進入編程模式 (LED1 白燈亮)



3. 鍵位編程 (LED1 白燈閃爍)

3-1) 選擇可編程之原始鍵位置

3-2) 按下欲更改之按鍵 (舉例: 先選擇 “L” 鍵後再按下 “P” 鍵, 此時按下 “L” 鍵輸出為 “P”)

4. 按下 Pn 一次儲存新的編程設定 (LED1 返回白燈亮)
5. 按下 Fn + R_Ctrl 退出編程模式 (LED1 白燈熄滅)
6. 重複步驟 (1) 至 (5) 來編程其他鍵位

Fn/Pn 功能鍵位移:

■ Fn/Pn 功能鍵位移模式

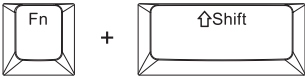
- 無法在預設層進行功能鍵位移
- 無法將 Fn/Pn 位移至 R_Ctrl、R_Shift 或 L_Shift

1. 選擇編輯層 1, 2 or 3

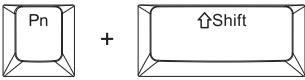


- Pn + M** --- 預設層 (LED1 未亮燈)
- Pn + , <** --- 編輯層 1 (LED1 紅燈)
- Pn + . >** --- 編輯層 2 (LED1 綠燈)
- Pn + / ?** --- 編輯層 3 (LED1 藍燈)

2. 長按 Fn + L_Shift 約3秒後進入功能鍵位移模式 LED1 紅燈閃爍，放開 Fn + L_Shift 後紅燈恆亮



長按 Pn + L_Shift 約3秒後進入功能鍵位移模式 LED1 紅燈閃爍，放開 Pn + L_Shift 後紅燈恆亮



3. 按下欲替換之功能鍵位置 (舉例: CapsLock).
4. 此時 Fn/Pn 功能鍵已位移至 CapsLock，原先 Fn/Pn 位置則輸出Windows鍵

鍵盤功能重置:

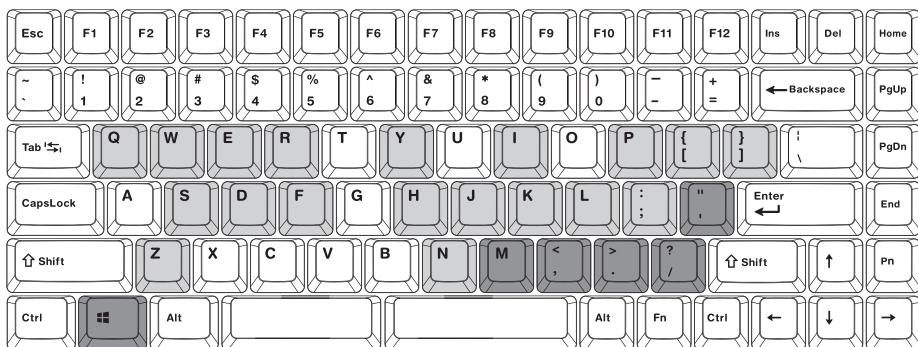
- 重置目前的編程分層(恢復原廠設定值): 選擇編輯層1-3, 長按 Fn+R 直到 LED1 白燈閃爍完畢



- 重置整把鍵盤功能(恢復原廠設定值): 長按 R_Alt+L_Alt 直到 LED1 白燈閃爍完畢



Fn/Pn 組合鍵:



Fn + “ = 鍵位配置切換

Fn + L_Win = Win 鎖/解鎖

Fn + M = 預設層

Fn + < = 編輯層1

Fn + > = 編輯層2

Fn + ? = 編輯層3

Fn + Q = 上一首

Fn + W = 播放/暫停

Fn + E = 下一首

Fn + S = 音量增加

Fn + D = 音量減少

Fn + F = 靜音

Fn + P = PrtSc

Fn + [= ScrLk

Fn +] = Pause

Fn + ; = Insert

Fn + H = Home

Fn + N = End

Fn + I = 方向鍵(上)

Fn + J = 方向鍵(左)

Fn + K = 方向鍵(下)

Fn + L = 方向鍵(右)

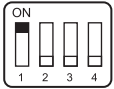
Fn + Z = APP

Fn + Y = 計算機

Fn + R = 重置單一編輯層

Mac OS 模式:

- 確保將指撥開關1開啟，進入Mac模式



F1	減少螢幕亮度
F2	增加螢幕亮度
F3	MISSION CONTROL
F4	
F5	減少鍵盤燈光亮度
F6	增加鍵盤燈光亮度
F7	上一首
F8	播放/暫停
F9	下一首
F10	靜音
F11	減少音量
F12	增加音量

故障排除:

■ 如果鍵盤功能沒有辦法正常運作，請嘗試以下步驟

1. 如果在單一編輯層下無法正常運作，請試著重置單一編輯層
2. 如果整把鍵盤無法正常運作，請試著重置整把鍵盤
3. 重新安裝所有鍵盤連接線

■ 如果左半邊鍵盤功能沒有辦法正常運作，請嘗試以下步驟

1. 檢查左右鍵盤連接線是否故障，並確實將連接線完整插入鍵盤
2. 觀察鍵盤上的USB接口是否有損壞情況(歪斜、針腳或卡榫斷裂)
3. 單獨使用右邊鍵盤時，檢測功能輸出是否正常
4. 於MISTEL官方網站下載鍵盤韌體，更新後是否正常

■ 如果按鍵無法正常運作，請嘗試以下步驟

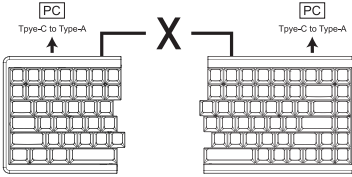
1. 檢查鍵盤底部指撥開關是否全部關閉
2. 如果在單一編輯層下無法正常運作，請試著重置單一編輯層
3. 如果整把鍵盤無法正常運作，請試著重置整把鍵盤
4. 檢查是單一按鍵還是多顆按鍵無法正常運作
 - 如果是單一按鍵，有可能為軸體故障，需要進行維修
 - 如果是多顆按鍵，有可能為PCBA短路，需要進行維修

韌體更新:

■ 如何下載與更新鍵盤韌體:

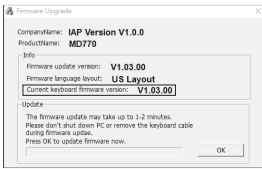
1. 請至 MISTEL 官方網站/技術支援 www.mistelkeyboard.com/support 下載最新韌體檔
 2. 將兩邊鍵盤單獨連接至硬體設備後，執行韌體更新檔
- 備註：韌體更新檔無法在 Mac OS 作業系統下執行

■ 執行韌體更新檔時，請勿將左右鍵盤連結

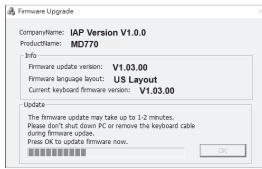


■ 當連接線正確插入鍵盤後，當前韌體版本將會自行偵測

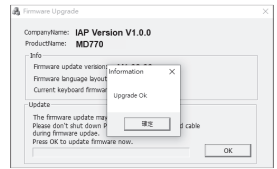
- 如果”current keyboard firmware version”是空白的，表示硬體沒有偵測到鍵盤，請確保下載的韌體檔版本是否正確



>



>



保固條款:

- MISTEL全系列鍵盤提供消費者與授權分銷一年保固
- 產品保固期內僅適用於正常使用下之材料或製造過程所造成的問題，提供維修或更換零件的服務，保固期內的往來費用由廠商或消費者各自支付一趟費用。若屬人為造成之產品損壞故障，在可維修的情形下，將按照損壞情況來收取相關維修費用，若無法維修將退還予消費者
- 若產品本體已曾拆解過或序列號及保固貼紙遭移除、損毀變更，將無法進行產品保修
- 若產品已過保固期，往來兩趟之費用將由消費者支付，維修亦照損壞情況收取相關維修費用
- 本產品使用時，不得將飲料或是任何液體灑濺/倒入鍵盤中，如此將導致鍵盤完全故障，亦無法維修請消費者要特別注意