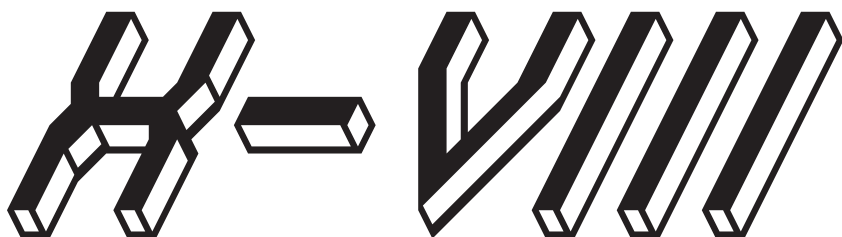


MISTEL



X-VIII / BT

Mechanical Keyboard



CHERRY 
MECHANICAL
SWITCH



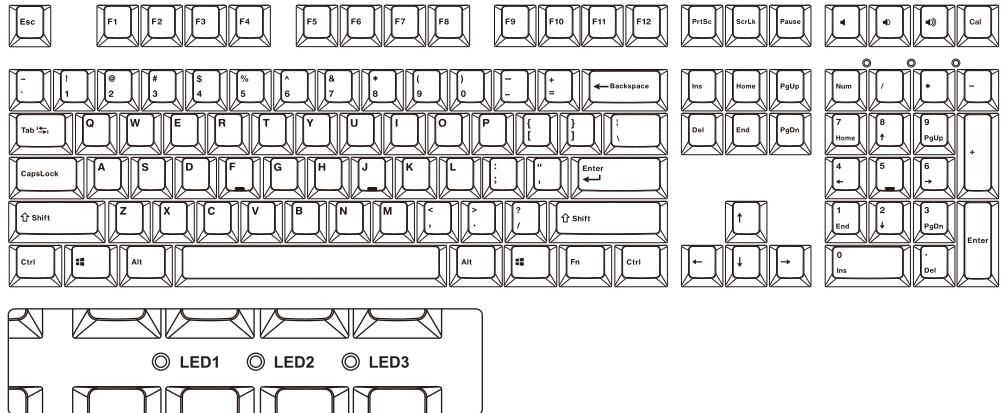
Included accessories:

- X-VIII keyboard x1
- USB Type C to Type A cable x1
- Mistel Key puller x1
- User manual x1
- Extra keycaps (Gifts)

Specifications:

- Model name: X-VIII / X-VIII BT
- Keyboard layout: ANSI & ISO
- Keycap: Mistel PBT Double Shot
- Macro function: YES
- Interface: USB / Bluetooth
- LED: Non-Led
- Polling rate: 1000Hz
- Keyswitch: Cherry MX
- Matrix: NKRO
- Media key: YES
- On board memory: YES
- Operating System: Windows and Mac OS compatible
- Dimensions: Length 442 mm x Width 138 mm x Height 42 mm

Default Keyboard Layout:



LED1:

- Num Lock

LED2:

- CapsLock
- **Low battery will flash 2 times (For BT model only)**

LED3:

- ScrLk
- **Bluetooth Pairing LED (For BT model only)**

Remark: LED Indicator is working under Bluetooth mode but only light up 2 seconds for power saving design.

Macro Programming Instructions (change any key to any other key):

- Turn on the Dip switch 3 to Macro mode.
- Macro keys cannot be assigned in the default layer. Macro keys can be assigned in layer 1~3.

1. Choose Layer 1~3 (Fn + 2/3/4).

Press Fn + 1 / Fn + 2 / Fn + 3 / Fn + 4 to select the desired layer.

There are 4 layers in total.

- a. Fn + 1 = Default Layer
- b. Fn + 2 = Layer 1
- c. Fn + 3 = Layer 2
- d. Fn + 4 = Layer 3

2. Press Fn + Right Ctrl (CapsLock LED flashing in macro mode).

3. Reassign the Key:

- a. Select the key position for new macro.
- b. 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.) In the selecting process, the CapsLock LED will flash.

4. Press the right Alt key once to save the new setting.

5. Press FN + right Ctrl again to exit the macro mode. (At this time, the CapsLock LED will turn off.)

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

Remark:

1. Macro is prohibited on the default layer.
2. Macro is allowed in layer 1~3.
3. Dip switch 2 and 4 must be off in Macro function.
4. You can do the Macro function in Mac OS or Bluetooth Mode.

Bluetooth Pairing:

- Please turn the Bluetooth switch to "On".
- Pairing: Press Fn+6 (or 7/8) around 3 seconds, LED3 will flash. The LED3 will turn off after pairing.

- a. Press Fn+6 pairing device1
- b. Press Fn+7 pairing device2
- c. Press Fn+8 pairing device3

*Maximum pairing for 3 different devices.

- Switching Devices: Press Fn+9 to switch BT mode / USB mode.

*Note: When switching to different devices, LED3 will flash 1 time.

Reset Function:

- Full Keyboard Reset (to factory settings): Press 2 Alt keys together around 5 seconds. (3LEDs will flash 3 times). (Warning: all programmed layers, macros and remaps will be lost).

*In Mac OS Layout: Press 2 Command keys.

Dip Switch Specification:

- Dip Switch 1 ON: Mac layout ON (OFF for Windows layout).
- Dip Switch 2 ON: Capslock and Left Ctrl keys exchange position.
- Dip Switch 3 ON: Macro function on/off.
- Dip Switch 4 ON: Capslock and FN keys exchange position.

Windows and Mac OS Function Keys

| Windows | Mac |
|-----------------------------|---------------------------------|
| Fn+F1: Previous Track | F1: Decrease Screen Brightness |
| Fn+F2: PLAY/PAUSE | F2: Increase Screen Brightness |
| Fn+F3: Next Track | F3: Mission Control |
| Fn+F4: Media Select | F4: |
| Fn+F5: Mail | F5: Decrease Backlit Brightness |
| Fn+F6: My Computer | F6: Increase Backlit Brightness |
| Fn+F7: Web Search | F7: Previous Track |
| Fn+F8: Web Home | F8: PLAY/PAUSE |
| Fn+F9: Web Back | F9: Next Track |
| Fn+F10: Web Forward | F10: Mute |
| Fn+F11: Decrease Brightness | F11: Volume Down |
| Fn+F12: Increase Brightness | F12: Volume Up |
| F16: Mute | |
| F17: Volume Down | |
| F18: Volume Up | |
| F19: Calculator | |

***For Mac OS Layout: Ensure Dip switch is in Mac mode (Dip switch 1 ON).**

Fn Function List

| | |
|------------------|-----------------------------|
| Fn+ 5 | LED lighting mode |
| Fn + 6 | Paired Bluetooth 1 |
| Fn + 7 | Paired Bluetooth 2 |
| Fn + 8 | Paired Bluetooth 3 |
| Fn + 9 | USB/Bluetooth switch |
| Fn + 0 | Turn off LED |
| Fn + Arrow_up | Increase LED lighting |
| Fn + Arrow_down | Decrease LED lighting |
| Fn + Arrow_Right | Increase LED lighting speed |
| Fn + Arrow_Left | Decrease LED lighting speed |
| Fn + Left_win | Window Lock |

***To turn on or off WinLock, press Fn + Left_win for about 2 secs. (All Led will flash 1 time)**

How to download or update firmware on the MISTEL keyboard:

1. Download new firmware from MISTEL web site.
2. MISTEL can also send new firmware to you by direct mail. Remember to convert the files from .ex to .exe format to make it an executable file.
3. Connect your keyboard and computer. Start the firmware update program and press OK to update to the new firmware.

Troubleshooting:

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

1. Perform a full keyboard reset (**Warning: all programmed layers, macros and remaps will be lost**)
Full Keyboard Reset (to factory settings):
 - a. Press 2 Alt keys together for 5 seconds. (3 LEDs will flash 3 times)
2. Replug keyboard cable.

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. Check whether a single key does not respond or multiple keys do not respond.
 - a. If a single key does not respond, there may be a shaft fault that needs to be repaired.
 - b. If there are multiple keys that do not respond at the same time, a short circuit may be present somewhere inside the keyboard.

Keyboard 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

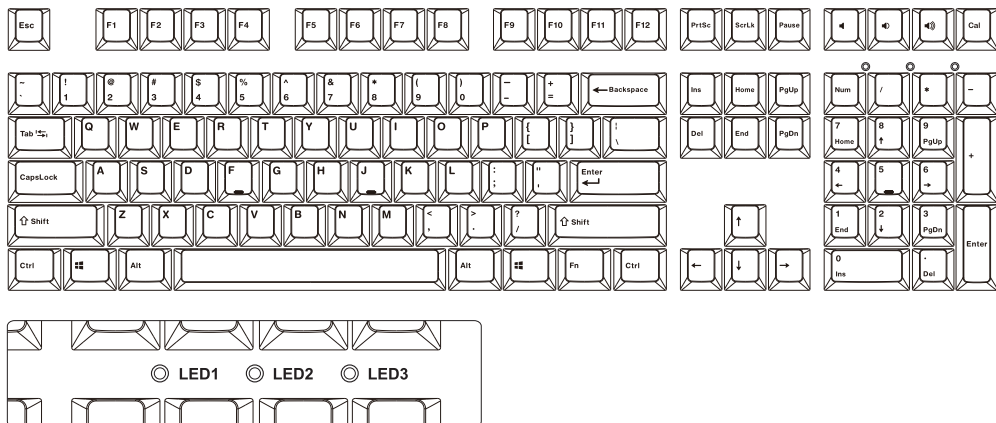
產品配件內容:

- X-VIII 鍵盤 x1
- USB 連接線 x1
- Mistel 拔鍵器 x1
- 使用說明書 x1
- 額外贈送鍵帽

產品規格:

- 型號: X-VIII / X-VIII BT
- 鍵盤配置: ANSI & ISO
- 鍵帽: Mistel PBT 二色成型鍵帽
- 可編程: 是
- 介面: USB / 藍牙
- LED: 無
- Polling rate: 1000Hz
- 軸體: CHERRY MX軸
- Matrix: 全鍵無衝
- 多媒體功能鍵: 是
- 鍵盤記憶: 是
- 作業系統: Windows / Mac OS
- 尺寸: 長 442 mm x 寬 138 mm x 高 42 mm

鍵盤配置:



LED1:

- Num Lock

LED2:

- CapsLock
- 電池低電量時，會閃爍兩次 (藍牙版本限定)

LED3:

- ScrLk
- 藍牙配對指示燈 (藍牙版本限定)

備註：由於省電考量，在藍牙模式下指示燈皆會於兩秒後熄滅。

可編程操作方式：

- 將 DIP 3打開，開啟可編程模式。
- 在原始層操作時，不能使用可編程功能；在1~3分層是可以做編程操作。

1. 選擇編程分層 1~3 (Fn + 2/3/4).

按下 Fn + 2 / Fn + 3 / Fn + 4 來選擇所需要之編輯層。

總共可編程 3層

- a. Fn + 1 = 原始層
- b. Fn + 2 = 第一層
- c. Fn + 3 = 第二層
- d. Fn + 4 = 第三層

2. 按下 Fn + Right Ctrl (LED2閃爍進入可編程模式)。

3. 編程鍵位:

- a. 先選擇可編程之原始鍵位置，再按下欲更改之按鍵。
(舉例：先選擇L鍵，再按下P鍵，此時L鍵位置更換成P鍵)

4. 按下R_ALT鍵一次，儲存新的編程設定。

5. 按下Fn + R_Ctrl 退出編程模式 (LED2 熄滅)。

6. 重複步驟1~5，可編程其他鍵位。

備註：

1. 執行編程模式時，請先將DIP 2、DIP 4關閉。
2. 在Mac OS或藍牙模式下可執行編程模式。

藍芽配對說明:

- 請先開啟鍵盤底部藍芽開關。
- 配對模式：長按 Fn+6 (or 7/8) 約3秒LED3開始閃爍進行配對。
完成配對後，LED3會熄滅。
 - a. Fn+6 配對裝置1
 - b. Fn+7 配對裝置2
 - c. Fn+8 配對裝置3*藍牙裝置配對上限3組
- 切換：按下 Fn+6 (or 7/8) 切換不同藍芽裝置。
(切換裝置時，LED 3 會閃爍1次)
- 藍牙與有線模式切換: 當連接USB時，按下Fn+9切換藍牙模式/有線模式。

鍵盤重置：

- 重置鍵盤(原廠設定值)：同時長按左右Alt鍵約 5 秒，將鍵盤全部功能回復至原廠設定值。
(3 LEDs 閃爍三次)，在Mac OS 配置下同時長按左右Command鍵。

指撥開關說明：

- Dip Switch 1 : ON = Mac 排列與功能 OFF = Windows 排列。
- Dip Switch 2 : Capslock 與 L_Ctrl 互換鍵位。
- Dip Switch 3 : 可編程模式開啟/關閉。
- Dip Switch 4 : Capslock 與 Fn 鍵位互換。

Windows 與 Mac OS 功能鍵說明：

| Windows | Mac |
|----------------|---------------------|
| Fn+F1: 上一首 | F1: 降低螢幕亮度 |
| Fn+F2: 播放/暫停 | F2: 增加螢幕亮度 |
| Fn+F3: 下一首 | F3: Mission Control |
| Fn+F4: 我的音樂 | F4: |
| Fn+F5: 我的郵件 | F5: 降低鍵盤背光亮度 |
| Fn+F6: 我的電腦 | F6: 增加鍵盤背光亮度 |
| Fn+F7: 瀏覽器搜尋 | F7: 上一首 |
| Fn+F8: 瀏覽器首頁 | F8: 播放/暫停 |
| Fn+F9: 瀏覽器上一頁 | F9: 下一首 |
| Fn+F10: 瀏覽器下一頁 | F10: 靜音 |
| Fn+F11: 降低亮度 | F11: 音量減少 |
| Fn+F12: 增加亮度 | F12: 音量增加 |
| F16: 靜音 | |
| F17: 音量減少 | |
| F18: 音量增加 | |
| F19: 計算機 | |

*Mac OS 配置: 打開DIP 1，啟動Mac鍵盤功能。

Fn Function List

| | |
|------------------|-----------|
| Fn+ 5 | LED 燈光模式 |
| Fn + 6 | 藍芽配對裝置 1 |
| Fn + 7 | 藍芽配對裝置 2 |
| Fn + 8 | 藍芽配對裝置 3 |
| Fn + 9 | USB/藍牙 切換 |
| Fn + 0 | 關閉鍵盤背光 |
| Fn + Arrow_up | 增加鍵盤背光亮度 |
| Fn + Arrow_down | 降低鍵盤背光亮度 |
| Fn + Arrow_Right | 增加鍵盤背光速度 |
| Fn + Arrow_Left | 降低鍵盤背光速度 |
| Fn + Left_win | 鎖住Window鍵 |

*長按Fn + Left_win約兩秒開啟或關閉WinLock功能。(所有燈號閃爍一次)

韌體更新：

1. 進入Mistel官方網站，下載符合您產品型號的韌體，並依照更新步驟操作。
(如無法下載，可使用Email與我們聯繫 services@mistelkeyboard.com)
2. 使用USB連接鍵盤，執行已下載之韌體檔案開始更新，完成後即為最新韌體版本。

故障排除：

如果鍵盤發生故障，請照以下步驟：

1. 將鍵盤回復至原廠設定值(警告：所有編程層、設定將會消失)
 - a. 同時長按左右Alt鍵約 5 秒，將鍵盤全部功能回復至原廠設定值 (3 LEDs 閃爍三次)。
2. 將USB連接線移除後重新插入鍵盤。

如果按鍵無法正確擊發，請照以下步驟：

1. 檢查DIP開關是否完全關閉。
2. 確認是單一還是多顆按鍵無反應。
 - a. 如為單一按鍵，有很大的可能性為軸體內部磨損，需要更換全新軸體。
 - b. 如為多顆按鍵，則有可能是內部電路板短路造成，需要工程師檢測評估維修。

保固條款：

1. Mistel 全系列鍵盤提供消費者與授權分銷一年保固。
2. 保修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，保固期內的往來運費由廠商或消費者各支付一趟。若屬人為造成之產品故障損壞，在可維修情形下，將按損壞情況收取相關維修費用，若無法維修將退還予消費者。
3. 若產品本體已曾拆解，或序列號及保固貼紙遭移除、損毀或變更，將無法保修。
4. 若產品已過保固期，往來兩趟之運費將由消費者支付，維修亦照損壞情況收取相關維修費用。
5. 本產品於使用時，不得將飲料或是任何液體潑灑或倒入鍵盤中，如此將使鍵盤完全故障，亦無法維修，請消費者要特別注意。

MODEL : X-VIII (BT OPTIONAL)
MODEL NO : VTG2480BTM
TELEC NO : 020-160048

NCC NO : CCAB17LP0410T0
FCC ID NO : 2AK6D-VTG2480
SRRC NO : 2017DJ2463

MISTEL
DREAMING ON YOUR FINGERTIPS.

Warranty confirmation form Reseller

