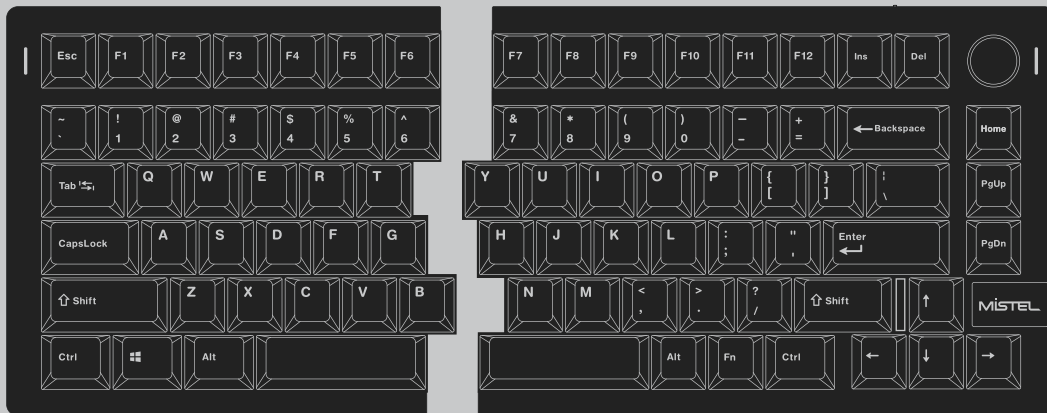


MD770 PRO

USER MANUAL

ANSI



MISTEL

www.mistelkeyboard.com > Own your angle, type with ease.

Important Notice



Liquid exposure may permanently damage the PCBA, making the keyboard irreparable.

液體滲入鍵盤可能導致 PCBA 永久受損，且無法修復。



Damage caused by unauthorized disassembly, modification, or repair is not covered under warranty.

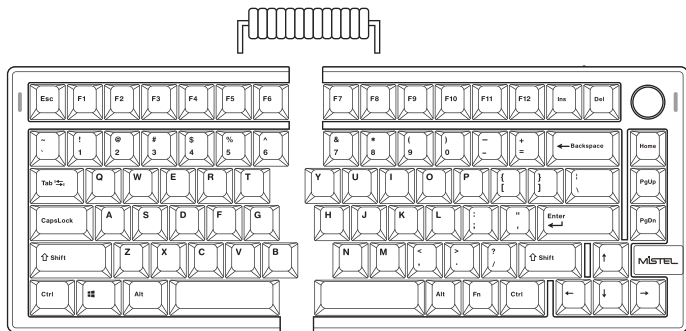
因自行拆解、改裝或未經授權維修所導致的損壞，不屬於保固範圍。



Charge the keyboard via computer USB port only. Do not use an AC power adapter.

請僅透過電腦的 USB 連接埠為鍵盤充電，勿使用 AC 電源轉接器，以免損壞電池。

SPEC



SWITCH OPTIONS



**Gateron
G Pro 3.0 Brown**
(55g, Tactile)



**Outemu
Cream Yellow Pro**
(50g, Silent Tactile)



**KTT
Hyacinth**
(45g, Linear)



**HMX
Peach Pink**
(37g, Silent Linear)

HIGHLIGHTS

- Number of Keys: 83

- Layout: 75% Split

- Hot-swap: YES

- Tilt Angles: 9 combinations

- Programmability: VIA supported

- Case Material: Aluminum CNC

- Keycap: PBT Double Shot Cherry Profile

TECHNICAL

- Battery: 3000mAh
(Charging time: 4hrs±10%)
(Battery voltage: 3.7V)

- Battery Life: 85hr
(RGB off, 2.4G & BT mode)

- Media Keys: YES

- Matrix: NKRO

- Backlight: RGB

- Polling Rate: USB/2.4GHz = 1000Hz;

Bluetooth = 125Hz

- System: Windows / macOS / Linux

- Input: 5V1A

CONNECTIVITY

- Interface: USB-C / Bluetooth 5.0 / 2.4GHz

DIMENSION

- Size: L144(L),187(R) x W135 x H37 mm

= L5.7(L),7.4(R) x W5.3 x H1.5 inch

- Weight: 1325 g (46.7oz)

IN THE BOX

- USB Type-C to C Rubber Cable 30cm x1

- USB Type-C to A Coiled Cable 150cm x1

- 2-in-1 Keycap & Switch Puller x1

- 2.4G USB Receiver x1

- Spare Keycaps x2

- Spare Switches x2

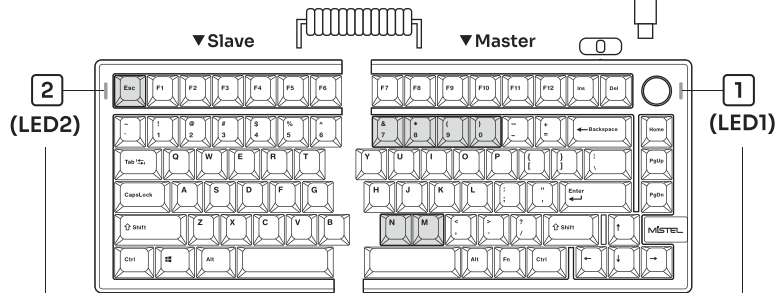
- Anti-slip Pads x2

- Feet x8 (H9 mm x4 / H11 mm x4)

=(H0.35 in x4 / H0.43 in x4)

Origin : China

DIAGRAM



Connection Mode Status

- **BLUETOOTH** ----- Solid BLUE (2s)
- **2.4G DONGLE** ----- Solid GREEN (2s)
- **USB WIRED** ----- Solid WHITE (2s)



Bluetooth Channel Status

- **BT1** ----- Solid BLUE (2s)
- **BT2** ----- Solid ORANGE (2s)
- **BT3** ----- Solid PURPLE (2s)

Fn + Esc



Charging Status

- ⚡ **LOW BATTERY** ----- Flashes RED
- **CHARGING** ----- Solid YELLOW
- **CHARGED** ----- Solid GREEN



Channel Broadcast

↗ P5

- ⚡ **BT1** ----- Flashes BLUE
- ⚡ **BT2** ----- Flashes ORANGE
- ⚡ **BT3** ----- Flashes PURPLE
- ⚡ **2.4G** ----- Flashes GREEN

Fn +

7
8
9
0



System Mode

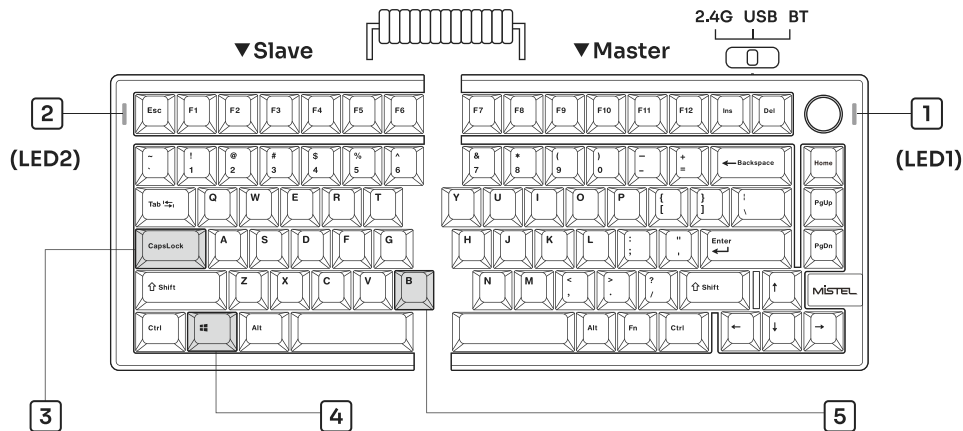
↗ P6

- ⚡ **Windows <> macOS** --- Flashes WHITE

Fn +

WIN
MAC
N
M
○
○○

DIAGRAM



CAPSLOCK Indicator (KEY BACKLIT)

WHITE light (Enabled)

NO light (Disabled)

WinLock Indicator (KEY BACKLIT)

WHITE light (Enabled)

NO light (Disabled)



6/NKRO INDICATOR (KEY BACKLIT)

[B] key backlit flashes WHITE when toggling between 6-Key and NKRO modes.



HOW TO CONNECT

WIRED Connection

Step 1.



BT USB 2.4G

▲ Switch the connection mode to USB.

Step 2.



▲ Connect the keyboard to the device with attached USB-C cable to complete the wired connection mode.

BT BLUETOOTH Connection

Step 1.



BT USB 2.4G

▲ Switch the connection mode to BT.

Step 2.

Fn

+

&

7

*

8

(

9



▲ TO PAIR:

Hold [Fn + 7/8/9] for 3s until the LED1 flashes.

▲ TO SWITCH:

Press [Fn + 7/8/9] to switch between paired devices.

2.4GHz Connection

Step 1.



BT USB 2.4G

▲ Switch the connection mode to 2.4G.

Step 2.

Plug in (Default)



▲ Plug the 2.4G receiver into your device to complete the connection.

Dongle pairing



Fn

+

)

0

▲ TO PAIR:
Hold [Fn + 0] for 3s until the LED1 flashes.

Step 3. Plug in



DETAILED OPERATION

SYSTEM Switch



->**Windows mode:** Press [Fn + N]
LED1 Flashes WHITE ONCE.
->**Mac mode:** Press [Fn + M]
LED1 Flashes WHITE TWICE.

WINLOCK



Press [Fn + L_Win] to turn on/off win key Lock function. [L_Win] key backlit turns **WHITE** when function is on.

■ Only in Windows mode.

VIA Reset



Press and hold the [Fn + R] keys for 3s until LED1 & LED2 flashes WHITE ONCE.

FACTORY Reset



Press and hold **Both side of [Alt]** keys for 3s until LED1 and LED2 flashes 3 times.

6 / N Key



->**6-Key Rollover** = [B] key backlight flashes WHITE ONCE.
->**N-Key Rollover** = [B] key backlight flashes WHITE 3 times.
■ In macOS, 6-key rollover is the default limitation for wireless connections (Bluetooth and 2.4G).

INDICATOR Brightness



Press [Fn + Ins] to adjust the brightness of LED1 and LED2. (3 levels: 33% - 66% - 100%).

DFU Mode



->**Master:** Disconnect the USB cable.
While holding the [**Home**] key, reconnect the cable.
->**Slave:** Disconnect the USB cable.
While holding the [**ESC**] key, reconnect the cable.

BATTERY STATUS

step 1.

Fn + **R ↗ Shift**

▲ Press [Fn + R_Shift] to check battery level.

step 2.



Power below 20%

Power below 60%

Power below 100%

▲ Once the RGB turns off, the battery percentage will be displayed across the number row from [7&] to [-_].

▲ Each key represents 20% of the battery charge.

ROTARY KNOB

Volume Mode (Default)



Clockwise

→Increase volume



Counter-clockwise

→Decrease volume



Short Press

→Mute / Unmute

RGB Mode



Clockwise

→Increase RGB backlit brightness



Counter-clockwise

→Decrease RGB backlit brightness



Short Press

→RGB backlit effect cycle change

RGB BACKLIGHT

Turn On/Off RGB

Fn + **+=**

Press [**Fn** + **+=**] to turn off the RGB backlit.

RGB Mode

Fn + **-_**

Press [**Fn** + **-_**] to cycle change RGB modes.

RGB Brightness

Fn + **↑** **↓**

Press [**Fn** + **Arrow key (Up/Down)**] to adjust the RGB brightness.

RGB Speed

Fn + **←** **→**

Press [**Fn** + **Arrow key (Right/Left)**] to adjust the RGB Speed.

RGB Hue

Fn + **⏮** **⏭**

Press [**Fn** + **⏮**] and [**⏭**] to adjust the RGB Hue.

RGB Saturation

Fn + **>** **?** **/**

Press [**Fn** + **>**] and [**?/**] to adjust the RGB Saturation.

OS MODE HOTKEY

Windows

Fn + F7 Previous track

Fn + F8 Play / Pause

Fn + F9 Next track

Fn + F10 Mute / Unmute

Fn + F11 Volume-

Fn + F12 Volume+

Mac

F1 Screen BR-

F2 Screen BR+

F3 Mission Control

F4 Launchpad

F5

F6

F7 Previous track

F8 Play / Pause

F9 Next track

F10 Mute / Unmute

F11 Volume-

F12 Volume+

*Function key in Mac mode: press[Fn + F12345...]

VIA CUSTOMIZATION



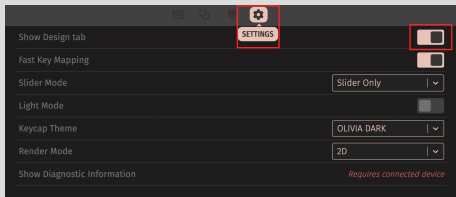
Before you begin, download the **JSON file** from Mistel Support → **MD770 PRO**
Make sure your keyboard is connected via **USB**.
VIA does not work in Bluetooth mode.

<https://www.mistelkeyboard.com/support>
<https://www.usevia.app/>

step 1. Open VIA and go to Settings

1-1. Launch the VIA app or open VIA in your browser.

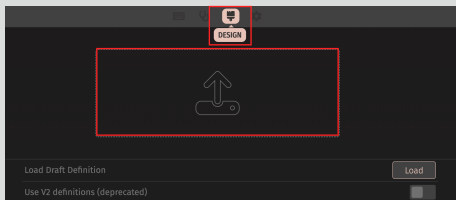
1-2. Navigate to the SETTINGS tab and enable Show Design tab.



step 2. Drag the JSON file into the Design tab

2-1. The Design tab will appear in the top navigation. Click it to proceed.

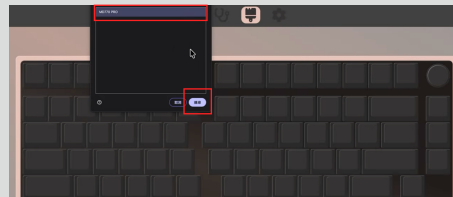
2-2. Drop the downloaded JSON file directly onto the Design tab upload area.



step 3. Select your keyboard and connect

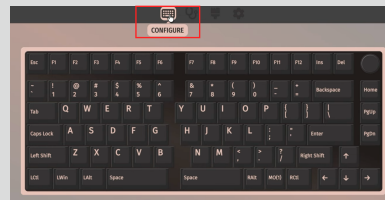
A device selection window will appear.

Select MD770 PRO from the list, then click Connect.



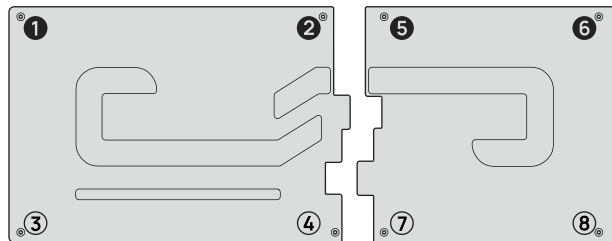
step 4. Start remapping

VIA will pair with your keyboard. The definition file should now show MD770 PRO loaded at the bottom of the screen.

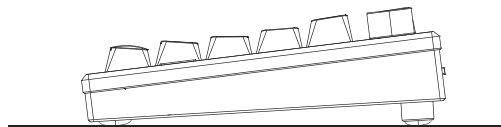


STANDS POSITION

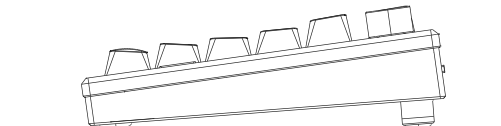
1



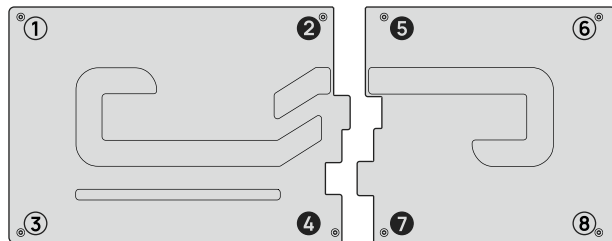
9mm



11mm



2



9mm

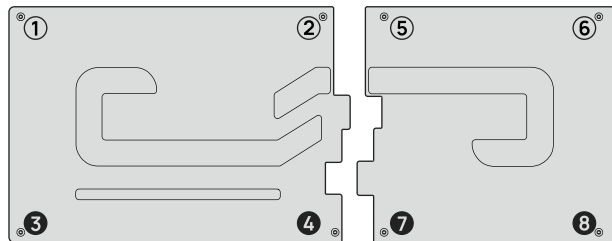


11mm

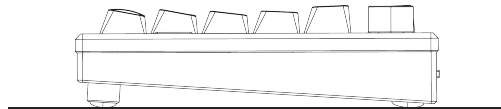


STANDS POSITION

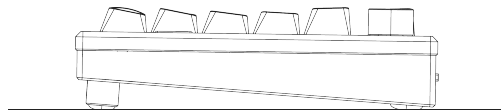
1



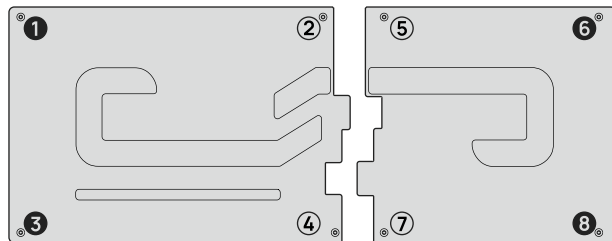
9mm



11mm



2



9mm



11mm



DIMENSION

