

BOYI

2026/04/13
AM 10:11:05
Battery status: 100% (Full)

• USB • BT • 2.4G

Esc, Copy, Paste, Pgup, Pgdn, Num Lock, 7 Home, 8 ↑, 9 Pgup, 4 ←, 5, 6 →, 1 End, 2 ↓, 3 PgDn, 0 Insert, * Delete, Enter =

TD31Pro-New Numeric Keypad

User Manual



FN Combination Function	
Shortcut	Function Description
FN+ 	Press And Hold For About 3s To Reset
FN+ 	Switch 46 Backlight Color
FN+ 	Switch Backlight Effect Mode
FN+ 	Switch 46 Light Bar Color
FN+ 	Switch Light Bar Effect Mode
FN+ 	Press And Hold For About 3s Turn Screen On/off
FN+ 	Turn Backlight On/off
FN+ 	Light Speed -
FN+ 	Light Speed +
Shortcut	Function Description
FN+ 	Increase Light Brightness +
FN+ 	Decrease Light Brightness -
FN+ 	BOYI TD31 Pro-1 Bluetooth connection
FN+ 	BOYI TD31 Pro-2 Bluetooth connection
FN+ 	BOYI TD31 Pro-3 Bluetooth connection
FN+ 	2.4g Connection
FN+ 	Wired Mode, Plug-in Use
FN+ 	Light Bar Brightness +
FN+ 	Light Bar Brightness -

Triple Mode Connection

Bluetooth Connection :  +  /  / 

Short press to switch, long press to pair:

1. Long press about 3 seconds FN + NUM 1, at this time the Bluetooth light blue light flashes rapidly, the screen displays BT1 pairing, said to have entered the Bluetooth 1 pairing mode, unsuccessful about 70s into the automatic sleep mode
2. Computer / cell phone search and connect to the device, connect successfully after the blue light stops flashing, always on, while the screen shows BT1 pairing success
3. Bluetooth2/Bluetooth3 operate in the same way as above
4. Short press FN+1/2/3 key combination to switch the Bluetooth device

2.4G Connection:  + 

1. Long press 3s FN+ NUM 4, the white indicator light flashes rapidly, the screen shows 2.4G pairing in progress, which indicates that it has entered the 2.4G pairing mode
2. Insert the 2.4G receiver into your computer
3. After successful connection, the white light stops flashing, and the screen indicates successful connection (about 70s unsuccessful pairing, enter sleep mode)

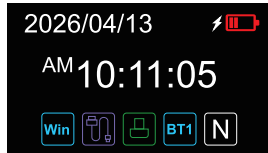
Wired Connection:  + 

Turn the switch to OFF position, plug in the USB cable and press FN+5 to enter wired mode.

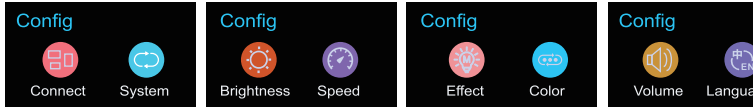
Multifunctional Screen Operation

Home Screen: FN + Press Knob = Switch Screen Adjustment Mode

- The main interface displays the time, date, battery level, system status, numeric keypad lock, and connection modes (wired, 2.4G, and Bluetooth).



- You can directly configure the connection method, system settings, lighting effects, volume, and language.



- Three GIFs DIY Custom URL: <https://image.rdmctmzt.com/>



- When typing mode is enabled, the keys you press will appear directly on the screen.



For example: When you press the Num Lock key, "NUM" appears on the screen.

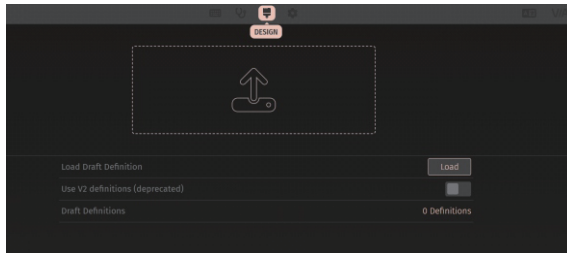
VIA/QMK Support

Note: Please ensure your keyboard is in wired mode and is properly connected to your computer.

The steps for installing VIA are as follows:

1. Please visit <https://usevia.app/> to download the latest VIA application for your computer's operating system.
2. Download the BOYI TD31Pro-New JSON file from the BOYI official website: <https://www.boyikeyboard.com/Software-Driver.html> After opening the VIA software, select "DESIGN," then select and upload the corresponding JSON file.

3. The image below shows that the VIA software has been installed and successfully connected.



BOYI TD31Pro-New Mechanical Keyboard Driver Website:
<https://www.boyikeyboard.com/Download.html>

BOYI Customer Service E-mail Address:
boyiservice2020@163.com

Screen GIF Setting Driver Website:
<https://image.rdmctmzt.com/>

QMK Driver Website:
<https://usevia.app/>

Dear Customer,

Thank you for purchasing our BOYI TD31Pro-New Mechanical Keyboard!

Our BOYI TD31Pro-New Mechanical Keyboard comes with 1 year warranty except for human damage. We are happy to serve you, if you have any questions or concerns, please do not hesitate to contact us via email: (Boyiservice2020@163.com) for a solution and we will do our best to help you. For more information about BOYI series keyboards, please visit BOYI Official Web: (<https://www.boyikeyboard.com/>).

We hope you enjoy our BOYI keyboards! We look forward to your next visit!

Yours sincerely

BOYI Service

BOYI-Color Your Life