



## TD31 Pro Numeric Keypad

### User Manual

Thank you for purchasing BOYI TD31Pro Numeric Keypad. Please see below for product features and operations:

#### 30-Key Layout with Knob&Screen

1. Toggle Switch: Outside-ON is wireless mode, inside-OFF is wired mode.



2. Three Indicators:

- The left is the wired indicator, wired mode is always on in white;
- The middle is the Bluetooth indicator, BT1 is always on in blue, BT2 is always on in pink, BT3 is always on in cyan;
- The right indicator is the 2.4G indicator, 2.4G mode is always on in white;



The knob default function is volume mode:  
Turn right volume + / Turn left volume - / Press to mute  
FN+Knob enter screen mode:  
Turn right volume + / Turn left volume - / Can't press to mute

#### Light Bar Effect Description : FN+PASTE=Switch Light Mode

Name	Adjustable			Description
	Brightness	Speed	Color	
Light Bar Effect 1	✓		✓	Light bar shows a wave state, flowing horizontally, from left to right
Light Bar Effect 2	✓		✓	Light bar breathes in a single color
Light Bar Effect 3	✓			Light bar shows solid color and changes slowly
Light Bar Effect 4	✓		✓	Light bar light monochrome constant (default red)

#### FN Combination Function

Key Combination	Function
ESC	Long press 3s to restore factory settings
BACKSPACE	Switch numpad light colors
7	Switch light bar colors
ENTER	Turn off/on screen
DEL	Turn off/on numpad backlight
←	Numpad light speed -
→	Numpad light speed +
↑	Numpad light brightness +
↓	Numpad light brightness -
1	BOYI TD31 Pro-1, Bluetooth short press to switch, Long press to pairing
2	BOYI TD31 Pro-2, Bluetooth short press to switch, Long press to pairing
3	BOYI TD31 Pro-3, Bluetooth short press to switch, Long press to pairing
4	2.4G mode, short press to switch, long press to pairing
5	Wired mode, short press
PGUP	Light bar brightness +
PGDN	Light bar brightness -
COPY	Switch numpad backlight mode
PASTE	Switch light bar backlight mode

#### Numpad Lighting Effect Description : FN+COPY=Switch Light Mode

Name	Adjustable			Description
	Brightness	Speed	Color	
Light1	✓	✓	✓	Lights appear as waves, flowing horizontally, from left to right (default)
Light2	✓	✓	✓	The light surrounds the center of the keyboard
Light3	✓		✓	Overall backlight off, trigger key, spread to both sides by trigger point, horizontal rows
Light4	✓	✓	✓	Overall backlight off, trigger the key, the light spreads vertically to both sides with the trigger point
Light5	✓	✓	✓	Overall backlight off, after triggering a key, the center of the display spreads outward at the trigger point
Light6	✓	✓	✓	Running the whole keyboard in a single row, with delayed trailing, default seven-color effect
Light7	✓	✓	✓	Like mountains overlapping, continuous, high and low changes
Light8	✓	✓	✓	Colorful and dynamic keyboard, default colorful effect
Light9	✓	✓	✓	The whole keyboard is colorful and dynamic changes, can switch colors
Light10	✓		✓	Backlight is always on
Light11	✓	✓	✓	Keyboard default no backlight, after triggering the key, leaving traces, after releasing the key, the key traces slowly trailing disappeared
Light12	✓	✓	✓	Keyboard default color, after triggering the key, the corresponding key light off, after releasing the key, the key slowly light up
Light13	✓	✓	✓	Randomly flashing light changes, like stars twinkling
Light14	✓	✓	✓	Like snowflakes in the sky
Light15	✓	✓		The light color of each key changes cyclically
Light16	✓	✓	✓	Keyboard default monochrome breathing effect, FN + BACKSPACE to change the color, switch to white when clicking on the key combination once, you can switch to cyclic breathing, and then click once to switch to monochrome breathing
Light17	✓	✓		The keyboard is solid color always light up, the color cycle changes
Light18	✓	✓	✓	The center of the keyboard is the fountain, like a spring of colorful water gushing in all directions
Light19	✓	✓	✓	The whole keyboard is a whole row of up and down dynamic changes

#### Triple Mode Connection

Bluetooth Connection : FN + 1 / 2 / 3

Short press to switch, long press to pair

1: Long press about 3s FN + 1, at this time the Bluetooth tip light blue light flashes rapidly, the screen shows BT1 pairing, said to have entered the Bluetooth 1 pairing mode, unsuccessful about 70s into the auto-sleep mode

2: Computer /mobile phone search and connect to the device, connect successfully after the blue light stops flashing, always on, while the screen shows BT1 pairing successfully

3: BT2/BT3 operate in the same way

4: Short press FN+1/2/3 key combination to switch the Bluetooth devices

2.4Ghz Connection: FN + 4

1: Long press 3s FN+ 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 shows successfully connect, about 70s unsuccessful pairing, enter auto-sleep mode

Wired Connection: FN + 5

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

#### Knob&Screen Setting

- Knob Default: Press: "mute" /Turn left: "volume+" / Turn right: "volume-"
- FN+Press Knob: Switch to screen adjustment mode, knob to change display options, short press to confirm

#### Mode Switching



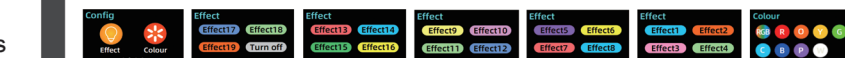
Rotate the knob to select "Connect", press the knob to enter the connection mode interface to select the connection mode

#### System Switching



Rotate the knob to select "System", press the knob to select to enter the system switching interface and switch WIN/MAC

#### Light Effects/Colors Switching



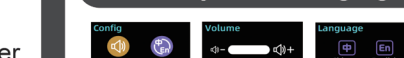
Rotate the knob to select "Effect/Colour", there are 1-19 lighting effects and 8 lighting colors to choose

#### Light Brightness/Light Speed Switching



Rotate the knob to select "Brightness/Speed", adjustable light speed and brightness from 0-100%

#### Volume Adjustment/Language Selection



Rotate the knob to select "Volume/Language". Turn the knob clockwise for volume+ and counterclockwise for volume-; Language available in English and Chinese

#### Low Battery Description



When the battery level is lower than 25%, the battery symbol in the upper right corner of the display is red and needs to be recharged in time

**BOYI TD31 Pro Numeric Keypads Software Download Website :**  
<https://www.boyikeyboard.com/Download.html>  
(The Software only supports Windows systems, not Mac systems)

**BOYI Customer Service E-mail Address:**  
[boyiservice2020@163.com](mailto:boyiservice2020@163.com)

**BOYI Official Website:**  
[www.boyikeyboard.com](http://www.boyikeyboard.com)

Dear Customer,

Thank you for purchasing our BOYI TD31 Pro Numeric Keypads!

Our BOYI TD31 Pro Numeric Keypads 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](mailto: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!

Yours sincerely,

BOYI Service

*BOYI - Color Your Life*



Keyboard Model: BOYI TD31 Pro  
Number of Keys: 30Keys + Knob + Screen  
Keyboard Size: 5.9x5.1x1.5 inches  
Connectivity: Bluetooth 5.0/2.4G/Type-C Tri-Mode  
Compatible OS: Mac / Windows / Android  
Warranty: 1 Year