

MLT-EXPC-K Controller

FEATURE

Compatibility List:

--- Compatible with PC (wireless connection: PC X-INPUT ; Wired Connection : PC X-input & PC D-input; System version: Windows 10 and above) ;

--- Switch OLED, Switch and Switch Lite,

--- PS3

--- Android 6.0 and above

---IOS 13 and above

Without audio output

Without Motion sensor

With Vibration (Cell Motor)

With turbo Function

With Home, Capture, Share , Options, and Turbo , A, B , X , Y, LB & RB, LT & RT, LS & RS buttons, built-in reset button , D-pad and M1 and M2 programmable buttons

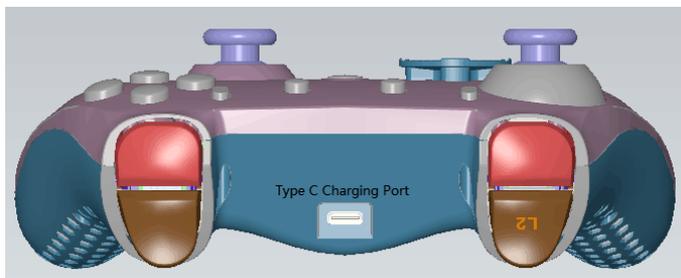
Hall Effect magnetic sensors for LT and RT buttons

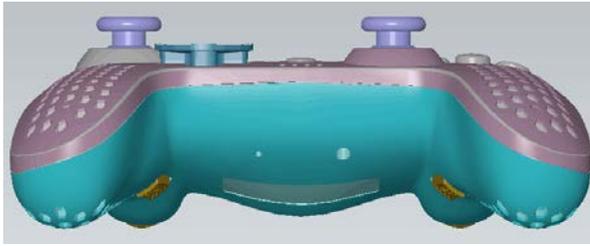
With upgradable firmware by USB

The 4 indication LEDs

Multi setup RGB LED Light

Buttons Allocation





LED Indication

When controller is connected to the PC or console, the corresponding LEDs is red on

Charging status : the corresponding LEDs will keep flashing slowly and light goes off when fully charged

Controller disconnection: Red LED is off.

LB,LT,RB,RT button

The LB and RB buttons are digital signal and LT and RT is hall sensor effect

Correspondence of Standard Switch and PC buttons (Chart).

PC-D-input	1	2	3	4	5	6	7	8	10	9	11	12	13	14
PC-X-input	X 3	A 1	B 2	Y 4	LB 5	RB 6	LT Z-	RT Z+	Options 7	Share 8	SL	SR	HOME	Capture
Switch	Y	B	A	X	L	R	ZL	ZR	+	-	L3	R3	HOME	Capture
PS3	■	⊗	●	▲	L1	R1	L2	R2	Options	Share	L3	R3	PS	Capture
Android	X	A	B	Y	LB	RB	LT	RT	Options	Share	SL	SR	HOME	Capture
IOS	Y	B	A	X	LB	RB	LT	RT	Options	Share	SL	SR	HOME	Capture

Built-in Battery

Capacity: 900mAh

Low Battery Warning

If the battery voltage is lower than 3.5V, the current channel indicator **blinks** fast to indicate low voltage.

Sleep Mode

When the console goes to sleep mode, the controller automatically goes to sleep too. (don't support the sleep mode for controller on PC platform)

When there's no any action of the controller over 10 mins, the controller goes to sleep mode correspondingly

Note: the controller cannot wake up PC and Switch console.

Electrical Parameters

Working Voltage	DC 3.7V
Working Current	25mA-150mA
Sleeping Mode-Current:	27uA
Battery Capacity:	900mAh
Input Charging Voltage:	Type-C 5V
Charging Current :	≈350mA
BT:	5.0
Working Distance:	10 M
Charging Port	TYPE C

Reset Function

If function setting is confused, and need to clean all functions set, please press the “Reset” button at the back



Function Description

Programmable Buttons M1 and M2 (with memory)

1/ Program source button: ↑ / ↓ / ← / → / A / B / X / Y / L / R / ZL / ZR / L3 / R3

2/The default function of M1 and M2 is LT and RT .

3/The maximum programmed buttons of each programmable button is 16

4/The programmable button has memory function. No matter controller in sleep mode, shut down or restart , the programmed button combination won't be loss

Program setup

1. Press M1 or M2+Options , Hold for 3 seconds until the RED LED become slow blinking.(3 times/sec.)
2. Press the Programmable button M1 or M2, and the RED LED starts fast blinking (6 times/sec.)

3. Press program source button, and press HOME button to complete the program. If you reach maximum programmed buttons at 16pcs, will complete the program automatically

Clear single program

1. Press M1/M2+Options, Hold for 3 seconds until the RED LED become slow blinking
2. Press programmed button M1/M2 and the RED LED starts fast blinking.
3. Press programmed button M1/M2 again and the RED LED is off. Single programmed button is cleared.

Clear all programs

1. Press M1+M2+Options, the red LED start fast blinking and Hold for 6 seconds until the red LED is off

Turbo Function

1:Action keys: A/B/X/Y/LB/LT/RB/RT

2: Press one or more above action keys and then press the TURBO key, the first time to enable the manual turbo function, the second time to enable the auto turbo function and the third time to clear turbo set up.

3: Turbo Speed Adjustment

Speed up: Pressing Turbo + Up (of D-pad)

Speed Down : pressing Turbo + Down (of D-pad)

Available Speed: 2HZ,4HZ,8HZ

The default value is 4HZ

After the controller is powered off, the set up of TURBO function won't be loss.

Multi setup RGB Light:

1: How to Switch on the RGB Light?

Pressing LB and RB for 5 seconds

2: How to Switch off the RGB Light?

Pressing LB and RB for 5 seconds

3: How many light modes?

The lights modes are mainly divided into four groups of light display modes:

a) Fixed color mode including 8 colors that's white-red-orange-yellow-green-cyan-blue-purple.

By pressing the Home + Y buttons to enter this LED light mode and change the colors among 8 colors

b) Fixed color breathing mode including 8 colors that's

white-red-orange-yellow-green-cyan-blue-purple. By pressing the Home + X buttons to enter this LED light mode and change the breathing colors among 8 colors

c) Colorful gradient mode . By pressing the Home + B buttons to enter this LED light mode

d) Rainbow running light mode.By pressing the Home + A buttons to enter this LED light mode

4: When turn on the controller, the default RGB is mode d

PC Platform

-----Wireless Mode

Only X-input is available

When wireless connecting with PC, press and hold HOME+CAPTURE button until the LED 1 - LED 4 become red and blink, then enter into the PC Bluetooth device searching page, click searching the Bluetooth device, find "Xbox Wireless Controller" and click for pairing. When the LED 1 and LED 4 become steady on, the connection is successful.

After paired the controller with the PC, you can reconnect the controller by pressing the HOME button & the LED 1 to LED 4 become red and twinkle slowly. The controller will automatically reconnect to PC

-----Wired Mode

X-Input (Default) and D-input (By pressing home button for 5 seconds). It will memory last mode you used.

1: Connect the controller to the computer by the Type C cable (The offered cable 0.80M also can be used but too short for the end user, only for short time playing)

2: Sync the controller with the computer by pressing any button (except HOME button) on the controller, wait until the red LEDs become steady on(X-input: LED 1 and LED 4; D-input: LED 2 and LED 3), the connection is successful.

Note: if the LED is blink slowly, which means the controller is under charging.

PS3 Platform

1: Connect the controller to the PS3 Console by the Type C cable.

2: Sync the controller with the console by pressing HOME button on the controller, wait until the red LEDs become steady on, the connection is successful.

Android Platform

When wireless connecting with Android device, press and hold HOME and OPTION button until the LED blinks, then enter into the Android device Bluetooth device searching page, click searching the Bluetooth device, find "L&AL PC" and click it for pairing. When the red led2 and led3 become steady on, the connection is successful.

After the first time paired, the controller can automatically reconnect with the device when pressing HOME button. That the LED become to red steady on means the re-connection is successful

IOS Platform

When wireless connecting with IOS device, press and hold HOME and SHARE button until the LED blinks, then enter into the IOS device Bluetooth device searching page, click searching the Bluetooth device, find "DUALSHOCK 4 wireless Controller" and click it for pairing. When the red led1 and led3 become steady on, the connection is successful.

After the first time paired, the controller can automatically reconnect with the device when pressing HOME button. That the LED become to red steady on means the re-connection is successful

Switch Platform

----- Wireless Mode

- 1: Turn on the Switch Console
- 2: Go into the Home screen, then press "Controllers". Inside this menu, press "Changing Grip and Order".
- 3: Press Home+ TURBO button for 1-2 sec, until the LED1 to LED 4 become red on and keep fast running, release Home+ TURBO button. The red LEDs become steady on, the connection is successful.
- 4: After synced the controller to the Switch, you can reconnect the controller by pressing the HOME button  until the LED1 to LED 4 begin to run slowly. The controller will automatically reconnect from any Switch menu or games
- 5: To turn off the controller, press and hold the home button  for 5-10 seconds until the RED LED is off.

-----Wired Mode

Please note: Only can use the controller in wired mode when the Switch is inside the the dock

- 1: Place the Switch Console inside the Switch Dock properly
- 2: Connect the controller to the dock by the Type C cable, wait until the RED LEDs become on.
- 3: Sync the controller with the console by pressing any button (except Sync button) on the controller

NOTES: The wired connection is needed if having trouble with wireless connection.

Vibration adjustment:

- 1: Keep your controller connect with Switch
 - 2: Set on the Switch: Controllers → Find Controllers
 - 3: Press and hold "D-pad up" button
 - 4: To increase the strength of vibration, press "+" button
 - 5: To decrease the strength of vibration, press "-" button
- When you are finished with your setting, let go of the "D-pad up" button

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is

connected.

-Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.