



PRODUCT INSTRUCTION MANUAL

# 2.4G & BT5.0 Dual Mode Wireless Remote with Voice Remote Microphone.

Thank you for using our product!

This product includes a 6-axis gyroscope sensor and a high-fidelity voice microphone. It can perform the functions of a traditional remote control, a mouse, a keyboard and, on the Android and iOS platforms, a motion sensing game controller as well. It includes an USB receiver, and it also supports Bluetooth 5.0 for connecting to computers, projectors, TV set-top boxes, HTPC, etc.

#### Voice Remote Function:

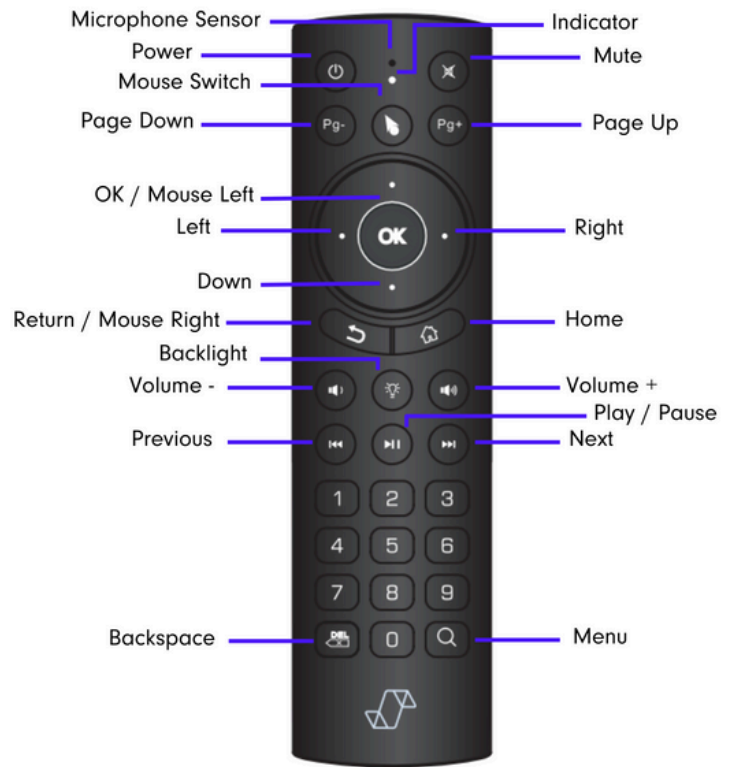
- Voice USB 2.4G Mode:

While in USB connection mode, the remote control's microphone can be turned on or off by the paired device automatically. If the microphone is activated by the paired device, you will see the indicator light flash slowly. The flashing will continue until the microphone input has been de-activated by the paired device.

- Voice Bluetooth Mode:

While in Bluetooth mode, the remote control will expose a Bluetooth interface with UUID of ab5e0001-5a21-4f05-bc7d-af01f617b664 which corresponds to an "ATV Voice Service". This interface is automatically supported by Android and iOS Apple devices. Other paired devices will identify it as "Vendor specific" and it will not be usable as a microphone unless you activate special drivers for it. To use it with an Android or iOS Apple device:

1. Press and hold the [microphone] button to turn on the voice channel.
2. Speak into the microphone on the remote control to send voice commands.
3. Release the [microphone] button to turn off the voice channel.



#### Product Specifications

Transmission Method	USB 2.4G / BT5.0
Bluetooth device name	AMMUX IPTV
Sensors	6 axis Gyroscope
Number of Keys	30
Range	>10m
Battery Type	AAA*2 with low battery indicator
Material	ABS Plastic and Silicone
Size	160*42*18MM
Weight	55g
Voice Sensor	High fidelity voice input
IR Control	IR learning for Power and Mute
Auto-Backlight	5 second timeout

## Pairing Instructions:

After installation of new batteries and when waking up the remote control from a sleep condition by pressing any button, the remote control will first try to restore its paired link state with the remote device. If the remote control is unable find an operational pairing partner, the indicator light will flash slowly for 5 seconds.

There are two types of connection modes, USB 2.4G and Bluetooth. Only one of them can be used at a time.

- Pairing in USB 2.4G Mode

Each remote comes factory-paired with a specific USB receiver included with the purchase. To use USB 2.4G connection mode, just connect the USB receiver to your device. Pairing will automatically happen if there is power on the USB port where the USB receiver is connected (no driver installation needed).

- Pairing in Bluetooth Mode

If the remote control has been re-configured to use Bluetooth connection mode, it will try to establish the connection to the stored Bluetooth pairing partner every time it comes out of sleep mode. Make sure the connecting device is on and has Bluetooth enabled.

To change or reset the stored pairing partner, follow the pairing instructions below.

- Setting the Pairing Partner for USB 2.4G Mode

If the USB receiver itself is lost or if the USB factory-paired configuration is erased because the receiver has been switched to Bluetooth connection mode, you can re-pair any remote to any compatible USB receiver using the following instructions:

1. Make sure the USB receiver is physically disconnected from the device.
2. Press and hold [OK] and [Home] buttons for 5 seconds. The indicator light will flash quickly for 4 seconds and then will start flashing slowly. The remote control will now be in pairing mode.
3. Connect the USB receiver to the remote device and place the remote control a few inches from the USB receiver. Wait 10 seconds and you will see the indicator light stop flashing, then flash two times quickly followed by two times slowly and then turn off again. The pairing is now complete.
4. The remote control will now remember this USB device pairing partner and will always try to connect to it when it comes out of sleep mode.

- Setting the Pairing Partner for Bluetooth Mode

1. Make sure the USB receiver is physically disconnected from the device.
2. Press and hold [OK] and [Home] buttons for 5 seconds. The indicator light will flash rapidly for 4 seconds and then will start flashing slowly. The remote control will now be in pairing mode.
3. Search and pair your remote control from the Bluetooth configuration screen of the connecting device. The remote control will show up with the name "AMMUX IPTV" on the Bluetooth device list. When successfully paired, the indicator light will stop flashing.
4. The remote control will now remember this Bluetooth pairing partner and will always try to connect to it when it comes out of sleep mode.

## Low Battery Indicator:

When the 2xAAA batteries are almost depleted (combined voltage less than 2 V), the indicator light will flash slowly any time the control is used. Please note that there is also an identical slow flashing signal that occurs while the remote is trying to pair to a remove device. Only change the batteries when the control has successfully paired with a remote device and the slow flashing continues indefinitely instead of turning off after pairing.

When the battery is low, you will also notice a deterioration of the backlight and mouse mode functionality.

## Auto-Backlight Function:

The auto-backlight functionality is enabled by default (factory setting). Press and hold the [light] button for one second to toggle the auto-backlight functionality between enabled and disabled.

When the auto-backlight function is enabled, pressing any button will cause the backlight to be turned on. The backlight will automatically turn off after 5 seconds of inactivity (no buttons being pressed).

## How to use the IR Learning feature:

Only the power and mute keys are programmable. These are the steps for programming the infrared buttons:

- Power button:

1. Make sure the remote control is disconnected from the paired partner.
2. Press and hold the [power] button for 3 seconds until the indicator light flashes slowly.
3. Position this remote and your TV remote head-to-head, 1 inch apart, on a

flat surface and press the [power]\* button on your TV IR remote control. The indicator light will turn off to indicate that the code has been learned.

4. Reconnect the remote control to the paired partner\*\*.

- Mute button:

1. Make sure the remote control is disconnected from the paired partner.
2. Press and hold the [mute] button for 3 seconds until the indicator light flashes slowly.
3. Position this remote and your TV remote head-to-head, 1 inch apart, on a flat surface and press the [mute]\* button on your TV IR remote control. The indicator light will turn off to indicate that the code has been learned.
4. Reconnect the remote control to the paired partner\*\*.

\*You can program any remote function of your TV IR remote. They do not have to match the "power" and "mute" functionality written on the button. Please note that some remotes will have an incompatible IR algorithm and are not learnable by this remote control.

\*\*Please note that when either of these buttons has been programmed with an infrared code, it will send both the infrared signal and the underlying event to the USB or Bluetooth receiver.

- To Erase the buttons' infrared programming:

1. Make sure the remote control is disconnected from the paired partner.
2. Press and hold [power] + [backspace] for 5 seconds. The indicator light will go from solid to flashing rapidly for a second and then back to solid to indicate the successful settings change.
3. Reconnect the remote control to the paired partner.



Smart TV



Android TV Box



Mouse



Tablet



Gamepad

## Mouse Mode:

1. To activate mouse mode, click on the [mouse switch] button on the remote control. While on mouse mode, you can use remote control hand movements to move the cursor on the device.
2. While in mouse mode, the [OK] button on the remote control will now be interpreted by the device as a left mouse click instead of the "Return" command.
3. To deactivate mouse mode, click on the [mouse switch] button on the remote control.

- How to Change the Mouse Cursor Speed:

1. Make sure the remote control is connected to the paired partner.
  2. Make sure the remote is in mouse mode by clicking on the mouse button. Verify that you are in mouse mode by moving the cursor around using remote control movements.
  3. Press and hold the [OK] button and either the [volume down] or [volume up] buttons for 2 seconds to decrease or increase the configuration speed for the movement of the mouse cursor. There are 3 levels (2 steps) in each direction. The indicator light will flash rapidly for a second and then turn solid when a successful change is accepted.
- If you are already at the fastest level and try to increase the speed, the indicator light will stay solid instead.
- If you are already at the slowest level and try to decrease the speed, the indicator light will stay solid instead.

- Notes:

1. Not all devices will be compatible or will react to mouse mode.
2. Changes in voltage and temperature may cause the mouse cursor to start drifting even when it is not being moved by the user. Use the calibration methods below to re-calibrate the remote control.

- Automatic Sensor Calibration:

To auto-calibrate, press the [mouse] button and then place the remote control on a flat surface and let it go. Wait 20 seconds making sure the remote control is undisturbed so that it goes into sleep mode while on this flat surface. Auto-calibration is complete.

- Manual Sensor Calibration:

- 1) Remove one battery.
- 2) Press and hold the [OK] button while installing the battery at the same time. The indicator light will be on. Quickly place the remote control on a flat surface and wait for the indicator light to start flashing and then turn off. Manual calibration is complete.
- 3) If flashing starts while the remote is still in your hand and not on a flat surface, repeat steps 1 and 2.



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