



Dongguan Togran Electronics Technology TM231 Wireless Mouse User Manual

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Dongguan

Dongguan Togran Electronics Technology TM231 Wireless Mouse



Model NAME: Wireless Mouse

MODEL NO: TM231

VERSION: 0.1

DATE: 2020.9.16

Version. #	Revised Date	PIC	Remark
0.1	16/9/2020	Bob	Preliminary

Electrical Specification

Operating Voltage

- **Mouse supply voltage:** 3.7V (Lithium-ion Battery)

Current Consumption

- **Current use** :< 20mA

Sleep Mode

- **Electrical Current:** 1mA;
- **Wake Up:** Press any button
- **Mouse Pointer Performance 5.1 Resolution** 800/1200(default)/1600/2000/2400 DPI
- **Speed** 30 inches/sec Max
- **Acceleration** 10G

LED Indicating Functions

- When the battery power is low (battery voltage reduce to <3.4V) the LED will glisten at the frequency of 1Hz

Wireless specifications

- 2.403-2.480 GHz frequency coverage.
- GFSK RF transceiver
- High-Speed RF link data rate, Max. 1M bit/s

Button Functions

1. **Left Button:** Mouse left button standard function
2. **Right Button:** Mouse right button standard function
3. **Middle Button:** Mouse middle button standard function
4. **Wheel:** Mouse scroll wheel standard function
5. **4 Button:** IE Forward function
6. **5 Button:** IE Back function
7. **DPI Button:** DPI regulates the function
8. **Mode switch Button:** change to a different Chanel
9. **Light switch Button:** change the light mode

Operation Process

Step 1

- Open the battery cover on the back of the Mouse.

Step 2

- Place the mouse on a desk or other plane surface. The surface material isn't metal is better for wireless distance.

Step 3

- Insert a Transceiver into a USB port of a PC. The Transceiver is paired with the mouse.

Step 4

- Use the mouse freely.

Cautions

- Please use the Mouse in the human house only and keep away water.
- Don't fixate the light at the mouse bottom.
- Children using the mouse with guardians together is necessary.
- Keep dry. Humidity, and liquids, contain minerals that will corrode electronic circuits.
- Don't use or store in dusty, dirty areas.
- Don't store in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Don't store in very cold areas. Moisture can form inside the case, which may damage electronic circuit boards.
- Don't attempt to open the case. Non-expert handling of the device may damage the system.
- Avoid dropping and strong impact.

FCC COMPLIANCE STATEMENT

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.
2. this device must accept any interference received, including interference that may cause undesired operation.

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.

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

FCC Radiation Exposure Statement

- The device has been evaluated to meet general RF exposure requirements.
- The device can be used in portable exposure conditions without restriction

Documents / Resources

	Dongguan Togran Electronics Technology TM231 Wireless Mouse [pdf] User Manual TM231, 2AGLG-TM231, 2AGLGTM231, TM231 Wireless Mouse, TM231, Wireless Mouse
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