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# C Mouse Wireless Communication specifications

To avoid interference with other wireless devices, the C Mouse Wireless mouse operates over 16 channels in the 2.4GHz RF band and 40 channels for Bluetooth™ communication. It uses frequency hopping to dynamically switch between channels based on the available frequencies. If interference is detected on a channel, the mouse will automatically hop to a clearer one to maintain a stable connection.

| Parameter | Details |
|---|---|
| Power Supply | Dongle: DC 5V for Computer<br>Keyboard: Input: DC 5V<br>DC 3.7V by Rechargeable Lithium-ion Battery, 250mAh |
| Hardware Version | V1.1 |
| Software Version | V1.1 |
| Bluetooth - Frequency Range | 2402MHz ~ 2480MHz |
| Bluetooth - Channel Number | 40 channels for Bluetooth V5.2 (BT LE/BT 2LE) |
| Bluetooth - Channel Spacing | 2MHz for Bluetooth V5.2 (BT LE/BT 2LE) |
| Bluetooth - Modulation Type | GFSK for Bluetooth V5.2 (BT LE/BT 2LE) |
| Bluetooth - Bluetooth Version | V5.2 |
| Bluetooth - Antenna Description | PCB Antenna, -1.66dBi (Max.) |
| 2.4G - Frequency Range | 2403MHz~2480MHz<br>(2403, 2407, 2414, 2419, 2422, 2426, 2436, 2439, 2441, 2445, 2453, 2459, 2463, 2466, 2473, 2480 (Unit: MHz)) |
| 2.4G - Channel Number | 16 |
| 2.4G - Modulation Type | GFSK |
| 2.4G - Antenna Description | PCB Antenna, -1.66dBi (Max.) |