DIGITUS®

Ergonomic trackball mouse, wireless

## Quick Installation Guide
DA-20156

1. Introduction

The ergonomic mouse/trackball solution from DIGITUS® is easy on your joints by reducing arm and wrist movement. It promotes a natural hand posture, because navigating is primarily done via the optical trackball. The mouse connects to your PC, Mac or Android device either via Bluetooth or the included USB receiver. Up to 3 devices can be assigned and switched at the touch of a button if necessary. The resolution of the optical sensor can also be changed to 3 different sensitivity levels, allowing the mouse to be optimally adapted to the respective device or application. In addition, the integrated buttons for the "forward/backward" functions make your daily work easier. The integrated 600 mAh battery ensures long operating times and, thanks to the USB-C™ charging port, faster charging times.

2. Features

- Connection possible via Bluetooth or USB Nano receiver
- Connection possible with 3 devices, switchable at the touch of a button (2 x Bluetooth / 1 x USB wireless)
- Resolutions: 1000, 1600, 2400 (DPI switch)
- Sampling rate: 4000 fps
- 5Bluetooth version: 4.0
- Wireless frequency: 2.4 GHz
- Wireless range: 8 m max.
- Operating voltage: 3.7 V DC / 4 mA (integrated Li-ion battery, 600 mAh)
- Charging possible via integrated USB-C™ port
- LED indicators: Resolution change, pairing, low voltage, charging
- Nano wireless USB receiver stows away inside mouse
- On/off switch located on underside of mouse

- Operating temperature: -15 °C to +45 °C
- Operating humidity: <85% RH (non-condensing)
- Dimensions: L 13.4 x W 9.7 x H 4.8 cm
- Weight: 132 g

3. Key Functions

BT 1 indication
2.4G indication
Trackball
Backward
Forward
BT 2 indication
Left key
DIGITUS®
Roller/ middle key
DPI/Low voltage charging indication
Switch pairing key
DPI
Right key

ON/OFF key
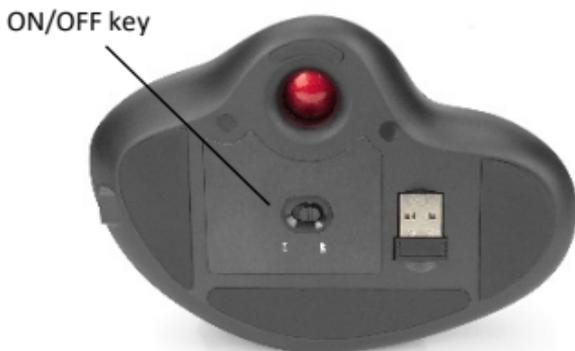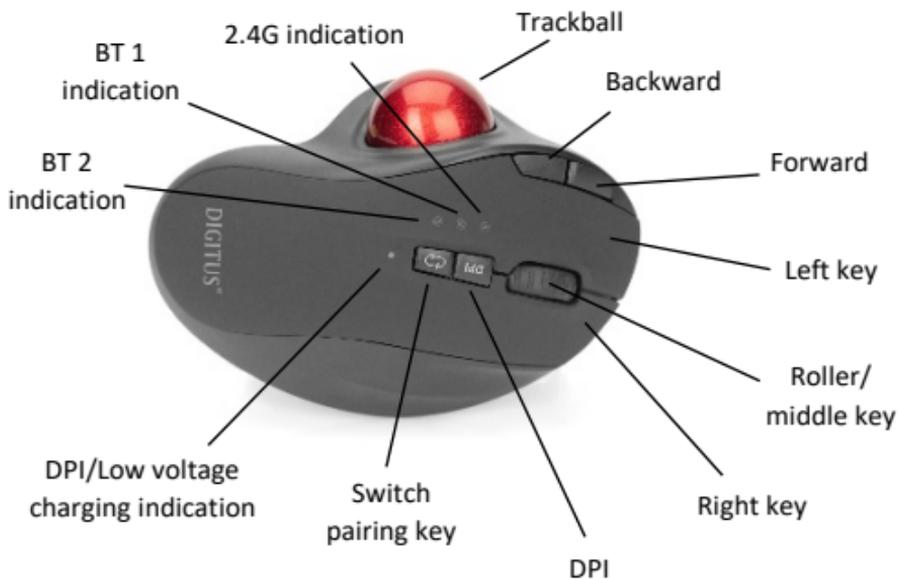
Key	Function
Left key	Standard left key
Middle key	Standard middle key
Right key	Standard right key
Roller	Standard roller
Forward key	Forward function in Windows
Backward key	Backward function in Windows
DPI key	DPI switch: 1000, 1600, 2400
Switch pairing key	Switch 2.4G/ Bluetooth; Bluetooth pairing
ON/OFF key	Power on/off

4. Mouse Function

- Wake up mode: button to wake up
- Dormancy mode: let the mouse rest for 30 minutes
- Report rate: 2.4G 250Hz / Bluetooth 125 Hz
- DPI indication: 1000 (Red flashes once), 1600 (Red flashes twice), 2400 (Red flashes three times)
- 2.4G/Bluetooth switch: Simply press the switch pairing key to switch between 2.4G/Bluetooth
- 2.4G pairing: After the mouse is powered on, press and hold the (left + middle + right) 3 keys for 3 seconds while in the 2.4G channel. The 2.4G channel indicator flashes to enter the code matching state and the code matching state is successful when the channel light of the inserted receiver is always on
- Bluetooth pairing: Press the switch pairing key for 3 seconds in the corresponding Bluetooth channel, and the Bluetooth channel light flashes while entering the pairing state
- Charging indicator light: Red light when charging, Off after fully charged

- Low voltage indicator: When the voltage is lower than 3.4V, the red low voltage indicator and the corresponding channel indicator flash at 0.5Hz frequency to prompt charging. Automatic shutdown below 3.2V-3.0V.

5. Appearance Specifications

Mouse

Length	133.8 mm
Width	96.7 mm
Height	48.0 mm
Weight	132.8 g ± 5 g

USB Nano Receiver

Length	19.8 mm
Width	14.7 mm
Height	6.5 mm
Weight	1.6 ± 0.5 g

6. Electrical Parameters

	Bluetooth 4.0	Wireless 2.4G
Interface	2.4G	
Image Sensor	Nordic NRF51802	
Acceleration	10G	
Frame rate	4000fps	
Resolution	1000, 1600/default, 2400	
Resport rate	125 Hz	250 Hz
Key Function	7 Key	
LED Function	Red LED	
Operating System	Windows 8 and above, macOS 10.10 and above, Android 4.3 and above	
Working voltage/current	DC: 3.7 V (lithium battery) / 4 mA	DC: 3.7 V (lithium battery) / 5 mA
Shallow sleep	< 200 uA (after standing mouse for 10S)	
Deep sleep	15 uA (after mouse standby for 30 minutes)	
Awaken	Key wake up	
Distance	> 8M (open without strong radio interference)	
Working temperature/ humidity	-15 °C – 45 °C / ＜85% RH	

7. Technical details and radio emission

Hardware version	V02
Firmware version	V6.1
SRD Frequency	2403 MHz – 2480 Mhz
Modulation type	GFSK
RF power	+0 dBm

8. Attention

Because this product uses the optical induction way, needs to work in the diffuse reflection surface, asks the user to pay attention to the use environment. It is recommended that users use it on the diffuse surface, not on the specular surface (such as glass, etc.) to avoid inflexible mouse movement.

This is a Class A product. In home environment, this product may cause radio interference. In this case, the user may be required to take appropriate measures.

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