

Office Cordless Desktop 2.4GHz

FAQ

This document is an FAQ (Frequently Asked Questions) about Logitech® Office Cordless Desktop 2.4GHz and about the advanced 2.4GHz wireless technology integrated in this product.



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2.4 GHz Wireless Technology

1. *How many Office Cordless Desktop 2.4GHz can operate in the same open space without interferences?*

The advanced 2.4GHz technology allows having many mice and keyboards operating at the same time while being close to each other. For instance, if we take a square open space of 10 meters per 10 meters, about 30 people could be using Office Cordless Desktop 2.4GHz simultaneously without any interference between them.

2. *What is the risk of interference between Office Cordless Desktop 2.4GHz and other wireless products?*

Just as your voice can go unheard by others due to other noises, so too can 2.4GHz radio waves go unheard due to other radio interference. This issue is especially a concern as 2.4GHz wireless technology uses an unlicensed band for transmissions. Fortunately the 2.4GHz wireless technology was designed explicitly to be both a good citizen in these frequencies by not producing unnecessary noise but also to be able to avoid other radio waves.

3. *What is the wireless range of Office Cordless Desktop 2.4GHz?*

2.4GHz wireless technology in its base implementation supports a range of 10 meters (33feet). Connection is guaranteed to be maintained up to this distance. Range is also impacted by building materials and interference.

4. *Is the Office Cordless Desktop 2.4GHz encrypted?*

Yes, all the wirelessly transmitted data is encrypted and secured. Office Cordless Desktop 2.4GHz is one of the most secure desktops on the market today. The encryption algorithm is proprietary and uses 128bit equivalent secret key. This makes it very difficult to spy, even for an experienced hacker.

5. *Does Office Cordless Desktop 2.4GHz generate harmful wireless waves?*

Harmfulness of the waves is due to the emission power of those waves. In order to avoid any risk for the user even in an extended use, 2.4GHz technology has been designed to have an extremely low level of emission power. By comparison, the power of wireless waves emitted by a mobile phone would be the equivalent of the wireless waves emitted by two thousand Office Cordless Desktop 2.4GHz side to side. Office Cordless Desktop 2.4GHz is compliant to all wireless regulations in the countries of sales.

6. *What is the difference between 2.4GHz and Logitech 27Mhz cordless technology?*

Advanced 2.4GHz cordless technology operates at a higher frequency than traditional 27MHz cordless devices, and promises improved cordless performance without compromise, especially in a busy office environment.

Improved Reliability: 2.4GHz cordless technology allows multiple users to work in close proximity, promising virtually interference-free operation around other cordless products.

Improved Range: Traditional 27MHz cordless products guarantee an operating range of 2 meters. The operating range is significantly extended with 2.4GHz products, allowing the user to control the device from up to 10 meters.

7. What is the difference between 2.4GHz and Bluetooth wireless technology?

Bluetooth is an open standard that every company can comply into (IEEE802.15.1) which allows compatibility with other devices but is not designed specifically for keyboard and mouse. On the contrary, 2.4GHz wireless technology is a proprietary system and cannot be compatible with any other devices. This allows 2.4GHz technology to be well suited for mouse and keyboard application, as all its features have been designed to reach the best fit for the dedicated application.

Connection

8. How are the keyboard and the mouse connected to the receiver?

The mouse and receiver have a unique wireless connection with the receiver that is preset at factory. This unique wireless connection allows the receiver to immediately recognize its mouse and its keyboard at setup and to avoid any interference with other mice and keyboards. This also means that the mouse and keyboard in a box are only preset to work with the receiver contained in the same box and will not be recognized by receivers from other boxes.

9. Is it possible to use a mouse or keyboard with a receiver coming from a different Office Cordless Desktop 2.4GHz package?

Yes, this is possible. You will need to use the Logibind software that is designed to create a new unique wireless connection between a receiver and a new mouse or a new keyboard. This should be done by advanced users only. There are two important things to know before connecting a new mouse or keyboard to a receiver. First, for security reasons, when a new mouse or keyboard is connected to a receiver, it will break its connection to the previously connected receiver, which will no longer receive any information from this mouse or keyboard. Secondly, to avoid breaking an already working connection, the LogiBind software will not allow you to create a connection with a new receiver if the previous receiver is still plugged in a PC. Please find Logiconnect Software and follow instructions on www.logitech.com/downloads/logiconnect.

10. What should I do if I no longer know which mouse or keyboard goes with which receiver?

There is a light grey sticker under the mouse, the keyboard and the receiver with “NAME: and a number”. The number is a unique number identifying the devices in each box. Therefore, you can use these numbers in order to find which mouse originally came with which receiver. Please note that if you have used the LogiBind software to re-connect a new mouse with a receiver, the numbers on the stickers will not match anymore.

11. How many mice or keyboard can I connect to Office Cordless Desktop 2.4GHz receiver?

Only one mouse and one keyboard can be connected to one receiver. The unique wireless connection can be understood as a virtual cable connecting the mouse and the receiver. If you want to connect a mouse to another receiver, you would “unplug” the virtual cable from the first receiver and “plug” it in the new one.

12. Can I use another type of receiver? (Example: Bluetooth receiver or other Logitech receiver)

No, the Logitech Office Cordless Desktop 2.4GHz receiver is only designed for Logitech Office Cordless Desktop 2.4GHz mice and keyboards.

13. Can I use a USB hub to connect the 2.4GHz USB mini-receiver?

Yes. However some USB hubs can create conflicts between keyboard/mouse and other USB devices connected on the same USB hub. Therefore, we recommend to connect Office Cordless Desktop 2.4GHz mini-receiver directly in the USB ports of the computer.

Battery Management

14. How long is the battery life?

Battery life depends heavily on the usage of the keyboard and mouse and on the type of battery used. Logitech internal testing reports that the mouse has an average battery life of 5 months and that the keyboard has an average battery life of 9 months. These estimations are correct for 8 hours a day, 5 days a week usage.

15. Is it possible to use rechargeable batteries in the keyboard or the mouse?

Yes, however, we do not recommend using rechargeable batteries in these products.

16. What kind of batteries is used in the Office Cordless Desktop 2.4GHz?



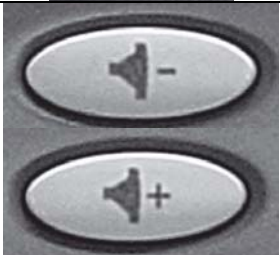



Standard AA batteries (2 in the mouse, 2 in the keyboard)

17. How do I know when to change batteries of my mouse and keyboard?

The mouse and the keyboard feature battery indicators located on the top of the keyboard near the insert key and on the back of the mouse. When the low battery indicator on the mouse starts to blink in red, it means that the batteries are low and that the mouse will only work for a few hours more. When the low battery indicator starts to blink on the keyboard, it means that the batteries are low and that the keyboard will only work for a few more days.

Keyboard

18. What is the functionality of the extra buttons?

	Internet Back	Go to the previous page in your Internet browser or in your documents browser
	WWW	Launch your Internet browser
	Volume up and volume down	Control the master volume
	Mute	Mute the sound on your computer
	Email	Launch your default Email Application. Note: You can assign a different Email Application to this button: open Internet Explorer / Tools / Internet Options... / Programs, and then change the Email setting.
	Calculator	Launch Windows' on screen calculator (this works with Windows XP only)

Note: Calculator hotkey is not supported under Windows 2000

19. Do I need to install Software prior to using my keyboard?

No, Office Cordless Desktop 2.4GHz is designed to be fully functional without software on Windows XP and Windows 2000.

20. Is my keyboard secure? Is there encryption?

Yes, all the wirelessly transmitted data is encrypted and secured. Office Cordless Desktop 2.4GHz is one of the most secure desktops on the market today. The encryption algorithm is proprietary and uses 128bit equivalent secret key. This makes it very difficult to spy, even for an experienced hacker.

21. Is my keyboard spill resistant?

Yes, your keyboard is designed to resist damage from accidental spills of common liquids. In the event that liquid is accidentally spilled on the keyboard, most of the liquid will simply drain through the convenient holes located along the bottom of the keyboard. As a result, the electronics located into the keyboard should not sustain damage*.

* Tested under limited conditions (max. 60ml soft drinks or coffee spillage). Do not immerse the keyboard in liquid.

For cleaning after an accidental spill, we recommend using a damp paper towel to remove any remaining drops of liquids on or around the keys, and to let the keyboard dry for a minimum of 12 hours before usage. To help drain excess liquid, move the keyboard around horizontally to allow the excess liquid to reach the drain holes.

Caution: Do not turn or flip the keyboard upside down, as this may cause liquids to reach sensitive internal components.

Mouse

22. Do I have to always turn "OFF" the mouse when not using it?

When traveling, you should turn the mouse OFF to save battery power. The mouse movements in the bag keep the mouse active and would use the batteries

If traveling in a plane, for security reasons, it is compulsory to turn OFF any wireless device.

If not traveling, it is not necessary to turn it OFF, since optimized power management has been implemented in the mouse. However, if you want to further maximize battery life, you can turn the mouse OFF when away for a long period of time.

23. Optical Engine

The very precise optical sensor integrated in the mouse features IR invisible light technology that allows excellent tracking performance. You will no longer be bothered by a flashing red optical light.

Operating System and Software

24. Which Operating Systems are supported?

Windows® 2000

Windows® XP (with or without service pack)

25. Which Software should I install?

This product is designed to be fully functional without software. However, in the case you would want to connect a receiver to a new mouse from a different box, then you will have to download the connect software:

www.logitech.com/downloads/logiconnect.