Receiver Dongle for the Battery-free Button

CompuPhase
Eerste Industriestraat 19
1401VL Bussum, Netherlands

FC CE

Introduction

The Receiver Dongle connects to a USB port. The PC/laptop recognizes it as a "Human Interface Device" (HID), and specifically as a keyboard. Microsoft Windows, Linux and macOS have intrinsic support for HIDs. No drivers are necessary.

Up to 6 Wireless Buttons may be attached to a dongle. The key to transmit to the PC is configured with a utility (see "Configuring the Wireless Button").

This dongle is only compatible with H0736* model "Battery-free" Wireless Buttons.
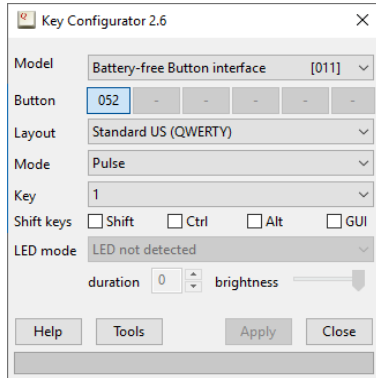
Connect a button to the dongle

1. Insert the Dongle in the PC.
2. Launch the "Key Configurator" utility. (http://www.compuphase.com/usbkey/)
3. Verify that the utility detects the Dongle.
4. Press and release the Wireless Button.
5. The utility scans for buttons. For a new Wireless Button, it pops up a dialog.
6. Enter the pin code for the button. The pin-code is printed at the bottom of the button.

The Wireless Button is now attached to the Dongle. You may proceed configuring the Button.

Configuring the Wireless Button

The "Key Configurator" utility is available from
http://www.compuphase.com/usbkey/

The utility configures only a single button at a time. he serial number at the top right, shows which button is being configured. This number is also at the bottom of each Wireless Button.

If not using a US keyboard layout, please select the appropriate layout of the keyboard (QWERTY/AZERTY).

The mode can be "Pulse" or "Macro". In *pulse* mode, the button transmits a single key on a button press (it does *not* repeat the key-code when you keep the button

pressed). You can combine the key code with Shift, Control, Alt or GUI shift codes.

In *macro* mode, you can specify a sequence of keys to be transmitted. For the syntax of macro mode, please see the help function in the "Key Configurator" utility.

After changing the configuration, you must click on Apply to store the settings in the USB button.

To test a Wireless Button, the Key Configurator must first be closed, so that the buttons toggle back from configuration mode to normal mode.

Re-attach buttons / reset dongle

To reset a Wireless Dongle to factory defaults or to remove a Wireless Button from a Dongle, please see the Help function in the Key Configurator.

Starting programs or commands

In Microsoft Windows, the ⊞ + R key combination shows the "Run" dialog. In "macro" mode, you can pop up this dialog with the key sequence "#R". You can follow this by a command and then "{ENTER}" at the end to execute it. Other operating systems support

similar functions, but may require a different key combination to pop up a "Run" dialog.

In addition, the Wireless Button supports several consumer control functions, like play, pause and others. These require pulse mode.

Specifications

Mechanical

Dimensions.......................67×23×9 mm.
Colour.............................Light gray.

Operating conditions

Operating temperature….-25 °C to +40 °C.
Humidity..........................5% to 95% non-condensing.

Electronic interface

Operating voltage............5.0 V, powered through USB.
Current............................35 mA nominal.

USB interface...................2.0, full-speed.
Radio frequency...............868 MHz or 915 MHz, depending on model.
Transmission range..........> 30 meters outdoors (unobstructed line of sight).

Compatibility

Compatible with Microsoft Windows® XP and later, MacOS®, Linux and Android. No client-side software is needed. (Free configuration software requires Windows®, MacOS®, or Linux).

Conformity

Radio Equipment Directive (RED)...........Compliant with EU Directive 2014/53/EU:
ETSI EN 301 489-3:2002 V1.4.1,
ETSI EN 300 220-2:2012 V2.4.1,
ETSI EN 300 220-1:2012 V2.4.1
EMC................................Compliant with EU Directive 2014/30/EU: EN 55022 and EN 55024 + A1 (2001) + A2 (2003).
Electrical safety...............Compliant with EU Directive 2014/35/EU: EN 60950-1

RoHS...............................Compliant with EU Directive 2011/65/EU: EN 50581:2012.

Legal disclaimer

CompuPhase shall not be liable for the incidental or consequential losses or damage to tangible property, injury or death of a person in connection with the use of this device.