Model No.: GKB635W & GKB635WR
Wireless RF2.4 Keyboard w/Trackball & Wireless RF2.4 Keyboard w/Trackball Receiver

User's Manual

Congratulations and thanks you choosing the Iogear(Aten) RF2.4GHz wireless Trackball Keyboard as it can be communication among Window OS devices or Mac OS X devices via plug in Nano dongle . The GKB635W embedded a 19 mm diameters trackball which is same as an optical sensor mouse function offer you can easily surfing website, this keyboard is designed by IOGEAR. Before you starting use this device, please detail READ this user's manual.

Contents:

Package and Encloses

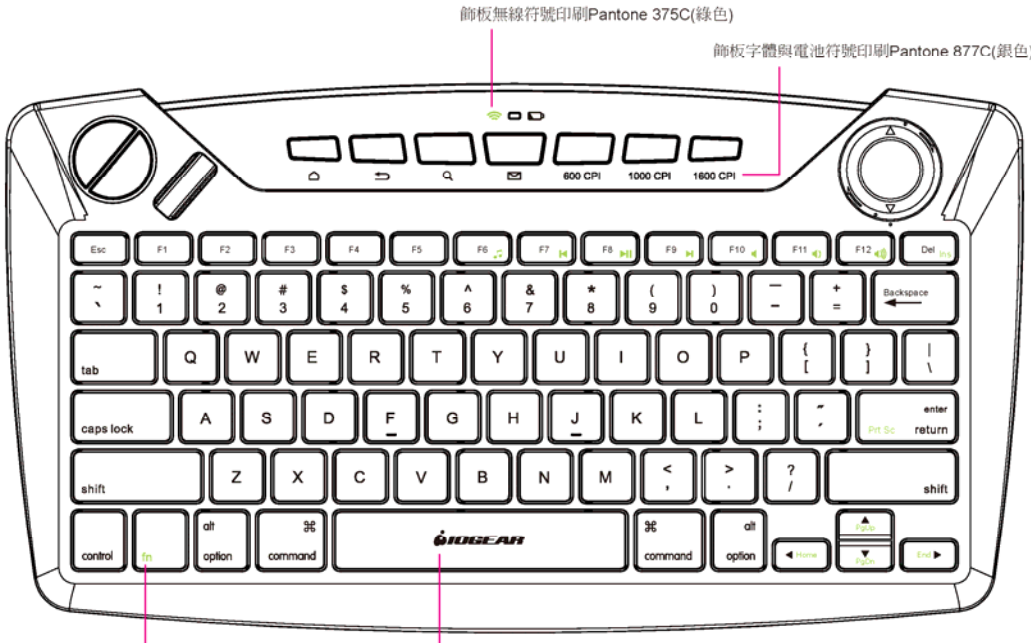
1. Keyboard Unit*1
2. AA Batteries*2(with store box)
3. User's manual*1

OS Compatible:

1. Windows : Windows XP/2000/7/8/10.x
2. Mac OS X : Mac OS 10.6 above

(for Windows devices, it is easily to link Notebook or PC via Nano dongle plug in)

GKB635W Product profile and function descriptions



Note:
Model# : BT-7138US(Trackball KB)-for Iogear
Interface: RF2.4GHz
Fonts : Arial
Main Font Print :Coolgray 9C+UV coating
Hotkey Print : Green/綠色(375C)+UV coating
Upper case Hotkey icon: Coolgray 9C
Date : 2017/11/18/V2.1, Design @Lexking

Mechanical Basic Spec.

Interface: RF2.4GHz with USB Nano dongle iterface

Dim.: 314.0* 170.0*35.15 mm

Weight: 445g± 15 g

Key Pitch: 19.0 mm(large size key pitch which close to standard keyboard offering you can easy typing)

Key No.: 78 keys(US), 80 keys(JA)

Key Travel: 2.2 ± 0.2 mm (full travel 2.45 mm@120g)

Key Structure: Scissors Key Structure.

Key Life: 8 Million(in normal use)

Trackball Size: 19.0 mm(by optical sensor of PAN3025)

(Embedded Scrolling wheel and mouse right/left button for combine with trackball use)

Language layout: JA

Electrical Basic Spec.

Carrier Frequency：Keyboard : ISM 2402 MHz-2480 MHz. Receiver : 2402 MHz-2480 MHz.

Keyboard RF IC model # : BK2535, Receiver RF IC model # : BK2541

Modulation method : GFSK

Data Transmission Rate : 1Mbps,

Transmissions power : -14 dBm Max. (Class 2)

Operating Voltage : 1.8 VDC-3.6 VDC

Power Offer: AA*2 pcs alkaline batteries

Power Saving Mode :

*Active (Normal typing)

*Standby(no typing is standby mode), keyboard will go in this mode for power saving.

*Sleeping(after 6 minutes no typing, keyboard will go in to sleeping mode for power saving)

Average Power Consumption :

*Keyboard with Trackball normal active mode(average around 13.0 mA)

*Standby mode(average 1.5 mA)

*Sleeping mode(average around 125 uA)

Operation Range : 7~10 meters

(keyboard operating distance may short to 3 meters if it operate under metal surface, so it need to avoiding operate at any metal desk environment.)

Hotkey functions;

1.Main hotkeys;

Previous page, Next Page, Home, Fn,

2.Trackball resolutions changeable hotkeys

600 dpi / 1,000 dpi / 1,600 dpi hotkeys for change trackball mouse curser’s resolution.

3.Others normal keys;

You can follow below description hotkeys function to operate(Fn key is main combination hotkeys)

Media Hokeys

Fn+F6→Previous Track, Fn+F7→Play/Pause, Fn+F8→Next Track, Fn+F9→Mute, Fn+F10→Volume Down,

Fn+F11→Volume Up, Fn+F12→Prt Sc, Fn+Del→Ins, Fn+Arrow keys→Home/End/PgUp/PgDn,

LED signal description

LED1→have Blue color and Red Color in keyboard

**Blue Color : it will be blinked when pairing mode process.

**Red Color : it will be blinked when low battery status?

RF2.4GHz Pairing Process

1. Press the ID bottom which is locate at keyboard backside button.
2. Then plug Nano dongle into your Notebook or PC USB slot.

One/Off Power Switch

On/Off slider switch which locate in back side of Keyboard unit, when the slider switch have turn on, the power will be turned on. When you turn off the slider switch, the power will be off.

(** suggest you turn off the battery power for saving battery power consumption, if you don't use this keyboard for long time)

How to Operating:

Before you starting use this keyboard, please detail READ below operating information;

(Notice: Please use new AA battery for this keyboard or use the enclose batteries before you first time use GKB635W keyboard unit.)

Connect to Bluetooth host devices;

1.Take out GKB635W keyboard unit from package box

2.Open PE bag of keyboard then load the AA alkaline battery.

3.Turn On switch button to "on" status, it is mean power on status for keyboard.

4.Press ID button which is located keyboard backside, the keyboard blue LED will have blink means the keyboard have ready forvpairing process. You can put Nano dongle into USB slot, then keyboard can be working well.

(if you don't want to connect GKB635W, you can pull out Nano dongle)

Basic Troubleshooting

Q1 : You can't pairing this keyboard

1.As power saving design concern, if you can't connect keyboard with Nano dongle.

You can repeat the process as press ID button locate at keyboard backside, then put Nana dongle into devices USB slot.

2.if the keyboard have any battery power issue, may you can try to turn off power switch then turn on it again, or you could replace any new AA alkaline battery then you can re-pairing keyboard and Nano dongle.

3.Please make sure does battery power is fully enough for keyboard working, may you can check Red color LED, if the LED is blink status during you typing any key, If so, the battery is not enough power, it need to replace a new one immediately.

Q2 : Keyboard have connect with iDevice successfully but it is still not working:

1.Please make sure, does battery power is fully enough for working with keyboard, may you can check Red color LED, if the LED is blink status during you typing any key, If so, the battery is not enough power, it need to replace a new one immediately.

2.Make sure, does the RF2.4GHz wireless Keyboard is working onto metal surface, if so, please move out keyboard unit from the metal surface, because wireless keyboard should avoiding to operate close to metal surface, if work on metal surface will cause conflict Bluetooth wireless keyboard transmission signal.

if you still can't smoothly troubleshooting the problem, please reach customer service people or customer service email account or return the new keyboard with package back to your purchased shop.

Product Guarantee:

1 year guarantee during normal used.

Abnormal use are not including guarantee.

Federal Communications Commission (FCC) Statement

Notice :

The user shall be cautioned that changes / modifications not approved by the responsible party could void the user's authority to operate the equipment.

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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, and

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

IMPORTANT NOTE:

To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

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.

ICES Statement

This device complies with industry Canada licence-exempt RSS Standard(s).

Operation is subject to the following two conditions:

1.This device may not cause harmful interference, and

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

1. l’appareil ne doit pas produire de brouillage, et

2. l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.