

# USER MANUAL

**Model Name : Bluetooth Wireless Keyboard**

**MODEL NO. : AKB213**

**VERSION : 0.2**

**DATE : 2015.09.25**

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Version. #	Revised Date	PIC	Remark
0.1	09/25/2015		Preliminary

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# Electrical Specification

## 1. Operating Voltage

Keyboard supply voltage: 3.0V-4.2V (Inter—Lithium Battery or DC 5V)

## 2. Current Consumption

Connecting Current: About 20mA

Usual use Current: < 6mA

Charge current about 250mA

## 3. Sleeping Mode

3.1 Timing to sleeping mode: 10minutes (The time from all keys are free to the keyboard turn to sleeping mode)

3.2 Current during the sleeping mode :< 0.2mA

3.3 Wake up: press any key of the keyboard

## 4. Low-voltage indicate

When the voltage below 3.3V, the LED light was flashing 1Hz, which means the power is low.

## 5 Wireless specifications

2.402-2.480GHz frequency coverage.

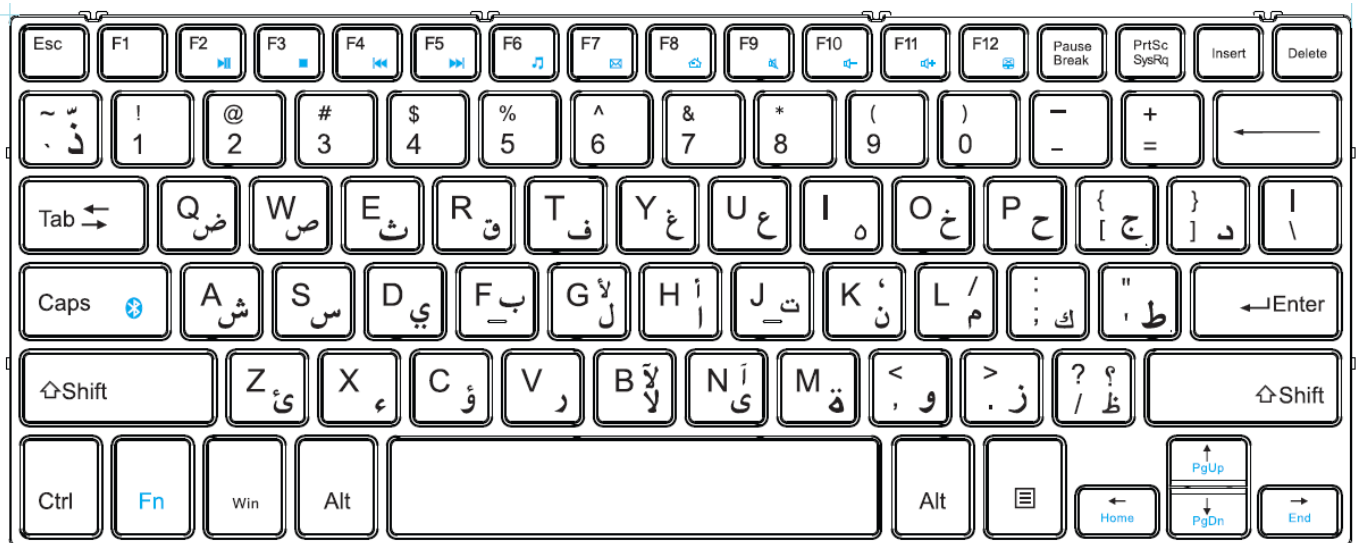
GFSK RF transceiver

RF link data rate Max. 1M bit/s

Bluetooth 3.0 HID profile.

## Key Function Chart

1. The keys function as the figure shows:



## Operation Process

### Step 1

Push the power button to ON, and then the indication Lamp is bright once. Keyboard power is on. (Push the power button to OFF keyboard power off.)

### Step 2

Operate your PC to find remote Bluetooth device.

### Step 3

Press the keyboard Fn key and Caps key , Pairing Indicator Lamp is twinkling.

### Step 4

PC find the Bluetooth keyboard, Setup the device go by PC.

### Step 5

Use the keyboard freely.

## Charge Process

General using when the keyboard power indication Lamp twinkle means the inter-battery is power low. You can charge keyboard as follow.

### Step 1

Insert the micro USB plug which cable has a micro USB plug and a type A USB plug into the keyboard micro USB socket.

### Step 2

Insert the type A USB plug into a compatible USB socket which can supply DC5V, 500mA power.

### Step 3

The charge indication Lamp on keyboard is yellow. It means keyboard is charging.

Waiting ...

IF the charge indications Lamp turn off, this means keyboard is full.

### Step 4

When keyboard is full, you can cancel the cable connect.

## Caution

**Please use the keyboard in human house only and keep away**

**water.**

**Children use the keyboard with guardian together is necessary.**

**Keep dry. Humidity, liquids, contain minerals that will corrode electronic circuits.**

**Don't use or store in dusty, dirty areas.**

**Don't store in hot areas. High temperature can shorten the life of electronic devices and warp or melt certain plastics.**

**Don't store in very cold areas. Moisture can form inside the case, which may damage electronic circuit boards.**

**Don't attempt to open the case. Non-expert handling of the device may damage the system.**

**Avoid dropping and strong impact.**

## **FCC Statement**

**This equipment has been tested and found to comply with the**

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**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.**

**To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to**



computer or peripheral devices).

**This equipment complies with Part 15 of FCC RF Rules.**

**Operation is subject to the following two conditions:**

- 1) This device may not cause interference and**
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.**

### **FCC Radiation Exposure Statement**

- 1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.**
- 2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.**

### **Caution!**

**The manufacturer is not responsible for any radio or TV interference caused by unauthorized changes or modifications to this equipment. Such changes or modifications could void the user authority to operate the equipment.**

### **Canada Statement**

**This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:**

- (1) This device may not cause interference; and**
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.**

**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;**
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.**

**The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.**

**Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.**