

1. Introduction

1-1 Product Briefing

IPAD5 KEYBOARD COVER is a blue tooth keyboard that designed for Kensington. It made with new key module.

IPAD5 KEYBOARD COVER is focus in iPad 5, had 2 major scenario, 1 is carry mode, user could attach iPad5 in IPAD5 KEYBOARD COVER, let IPAD5 KEYBOARD COVER be the screen protector. The other 1 scenario is typing mode, user could put iPad 5 in slot and typing.

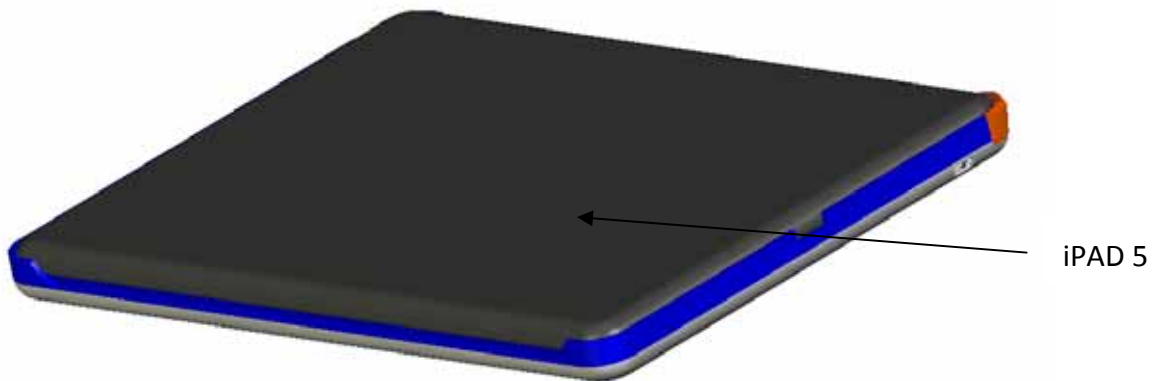
IPAD5 KEYBOARD COVER is a retail package, the key module is owned by Darfon

1-2 Main Feature

- ◆ Bluetooth Broadcom 20730, class 3.0
- ◆ Distance 8 M for RF transfer distance
- ◆ Scissor Key module, Darfon new key module for iPad.
- ◆ Lithium battery, 420mAh
- ◆ Slim design, 8mm thickness
- ◆ Good iPad 5 screen protector when close keyboard with iPad 5.
- ◆ Rubber material in corner to protect the corner of iPad 5 and easily to take it out
- ◆ Aluminum bottom case with glossy chamfer
- ◆ Magnets under slot, could fix iPad 5 in slot more stably.

2 Mechanical main feature

2.1 Store iPad 5 in keyboard



- As above picture, user could attach iPad5 in keyboard, could carry keyboard and tablet easily\

2.2 Tablet plug in keyboard stably

Model M01244 , M01245



- As above picture, could plug iPad 5 in slot and type

2.3 Weight and Dimension

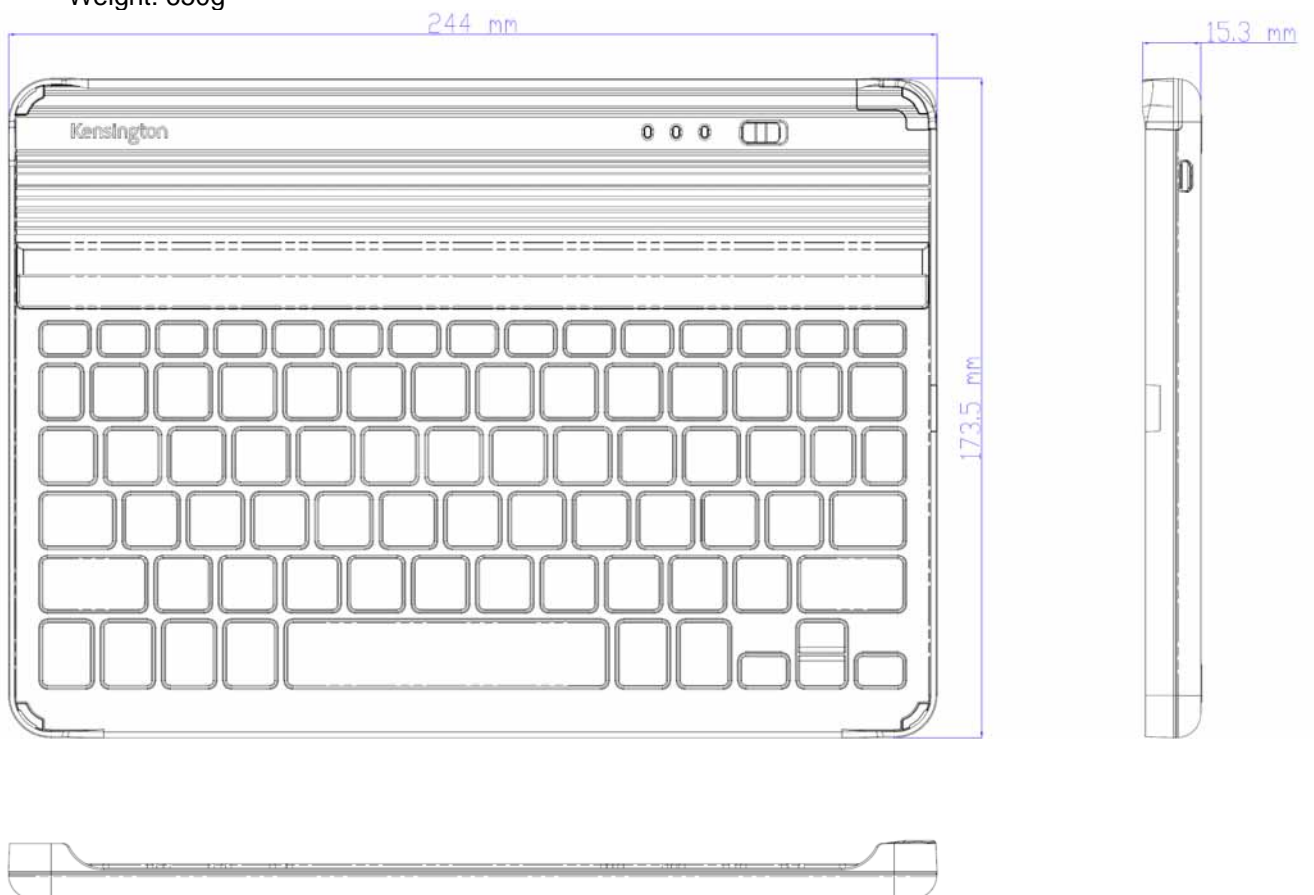
Length: 244mm

Width: 173.5mm

Height: 15.3mm (including side wall)

8.0mm (not including side wall)

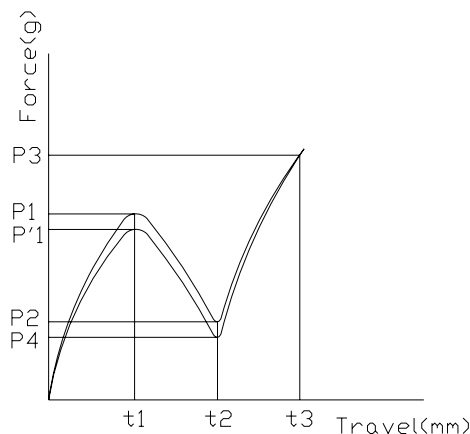
Weight: 650g



2.4 Color and Material define

Number		0 Silver –(base model)		
Keyboard CMF		<Finish>	<Material>	<Color>
1	Top Case	1 layer painting	PC/ABS	Black
2	Key caps	Injection/ MT11010 Text Printing Function icon printing	ABS	Black White Gray
3	Bottom Case	Stamping with CNC process Hairline + anodizing	Aluminum	Black
4	LED indicator	Injection/ MT11010	ABS	Transparent
5	On/off switch	Injection/ MT11010	PC/ABS	Black
6	Corner rubber	MT11010	Silicone	Gray
7	Top rubber feet	Matte	Silicone	Black
8	Slot rubber	MT11010	Silicone	Gray

2.4 Key Force

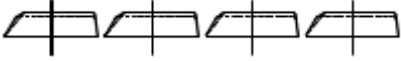
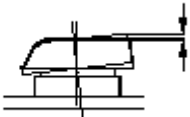





Dome Curve

KEYSWITCH TYPE		
DESCRIPTIONS	(UNIT)	
Fp = Peak Force (center)	(g)	55±25
Fd = Drop Force (ref.)	(g)	16.3±10.2
Fr = Return Force	(g)	5.0 Min.
Tp = Peak Travel	(mm)	0.1
Te = End Travel	(mm)	1.2±0.2 (150µm)

The keyboard should have well switch function by following definition. Put the 1.5 times peak force (80g) weight with diameter 6.0 mm contact head on 4 corners and center of keycap, the weight align the strike surface outline of the key which the finger contacts during key actuation. No functional defect and all keys can work.

2.5 Key module

1	Side shape of keycaps:		FLAT TYPE
2	Rocking		0.3mm max (Peak-to-peak, in both X and Y direction)
3	Rotation		0.3mm max (Peak-to-peak, in both X and Y direction)
4	Height Alignment		Neighbor: Max 0.3mm
5	Alignment in the Row		Neighbor: Max 0.3mm from adjacent keycaps

3. Electrical main feature Specifications

3.1 Bluetooth 3.0

Bluetooth Chip: Broadcom BCM20730

Bluetooth specification version 3.0 compatible.

Bluetooth HID profile version 1.0 compliant.

Bluetooth Radio Power: Class 2 or Class 3 requirements

RF Frequency Range: 2.402 ~ 2.480 GHz

Receive Sensitivity: -84dBm

This keyboard built-in li-ion polymer battery is charged through MicroUSB port.

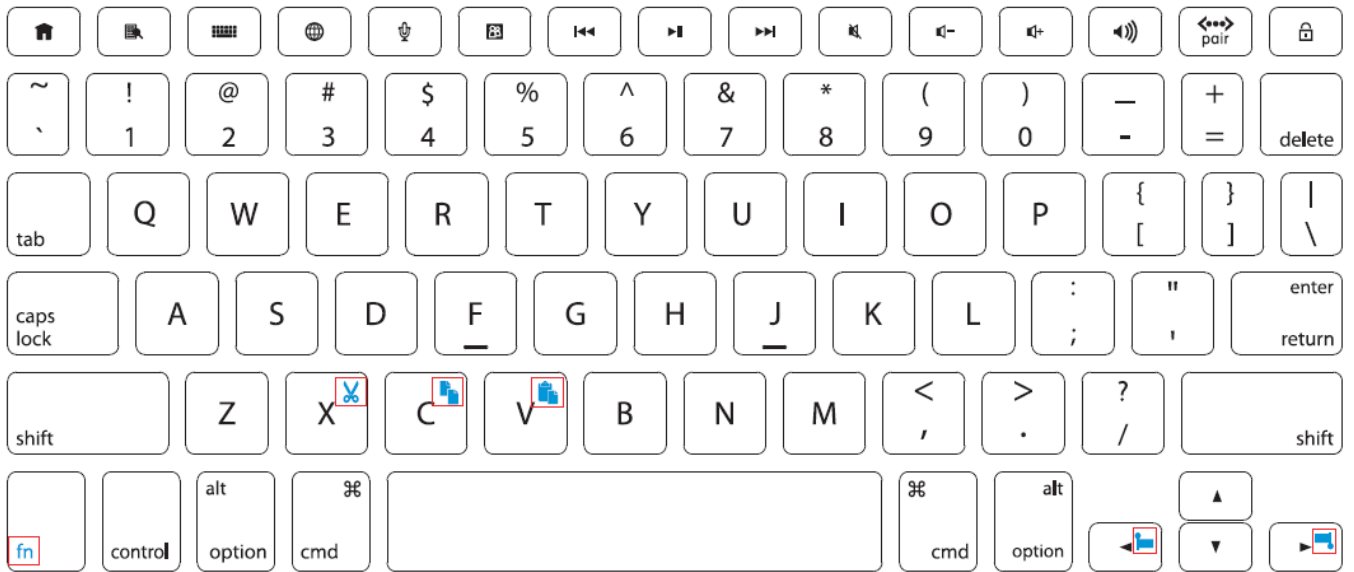
This device is compatible with Apple Tablet , NEW iPad and iOS Version 4.3 +

3.2 Power

- Battery: 1 Li-ion polymer battery
- Working voltage range: 4.2V~3.0V
- Charge current: 200mA
- Rating: 3.7V / 420mA
- M01244 and M01245 voltage/current rating 5V $\overline{\text{---}}$ 200mA

4 Legend

US



UK



French

Model M01244 , M01245



German



Spanish

Model M01244 , M01245



FCC Statement :

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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.

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 of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Model M01244 , M01245

Industry Canada (IC) Statement

Canada, Industry Canada (IC)

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210.
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 interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.
Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil ACCO Brands, Inc. est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil ACCO Brands, Inc. de façon à minimiser les contacts humains lors du fonctionnement normal.

Charging information

Item 项目	Specification 规格	
3.1 Nominal voltage 标称电压	3.7	V
3.2 Nominal capacity 标称容量	420	mAh
Minimal capacity 最小容量	400	mAh
	discharge from 4.2V to 3.0V at 0.2C mA 由 4.2V放电至3.0V 截止, 放电电流0.2CmA	
3.3 Full charge voltage 满充电压	4.20±0.05	V
3.4 Max charge current 最大充电电流	400	mA
3.5 Charging method 充电方式	CC/ CV 恒流/恒压	charge with constant current 1C to 4.2V, then charge with constant voltage 4.2V till charge current is less than 0.01C 以1C电流恒流充电至4.2V, 然后4.2V恒压充电 至电流小于0.01C
3.6 Max discharge current 最大放电电流	800	mA
3.7 Discharge cut-off voltage 放电截止电压	3.0	V

Connect the Keyboard to Your iPad

- 1 Insert your iPad into the Keyboard sleeve.
- 2 Turn the **On/Off Switch** on. The **Power Indicator Light** glows.
- 3 On your iPad, tap **Settings**.
- 4 Open **Bluetooth** and make sure Bluetooth is on.
- 5 On the Keyboard, press the **Connect Button**. The **Bluetooth Status Indicator Light** starts blinking.
- 6 The Keyboard now appears on your iPad screen. Tap **Bluetooth Wireless Keyboard**.
- 7 Your iPad screen displays a passkey. Enter the passkey on the Keyboard, and press **Enter**.
- 8 Your iPad screen shows the Keyboard as Connected. On the Keyboard, the **Bluetooth Status Indicator Light** turns off.
- 9 You can now use your Keyboard to type in any app.