

# Charm Tag User Manual

## 1 Introduction

An electronic leash that will sound an alarm when your iPhone leaves your vicinity. You can also use your iPhone to find the lost Charm Tag thanks to the duplex communication protocol. A handy app called HiProx Multi, will show on Google Map the last time the Charm Tag and phone were connected. As a remote shutter release for self-portraits or to prevent blur by shaking camera. The app can control the alarm threshold distance, set the Charm Tag to start beeping when a call is incoming, and switch the proximity alarm on/off. HiProx Multi for use with multiple Charm Tag units and includes all of the mentioned features. Simple to use interface allows you to re-name each tag attached to your valuables, such as Keys, Wallet, etc. A brilliant little device that could save you a lot of trouble.

## 2 Specification

Communication Standard	Bluetooth® 4.0 Low Energy Wireless Technology
Compatibility	iPhone 4S/5, iPad 4, New iPad, iPad Mini with iOS 6 or later
Search Range	164ft/50m(*Distance will vary depending on terrain and other factors.)
Alert Range	6~50ft/2~15m adjustable (Near: 16±10ft/5±3m, Far: 32±16ft/10±5m)
Battery Type	CR2032x1
Battery Life	6~12 months
Beep Sound	High Alert: 95±3db, Mid Alert: 90±3db (at 10cm/3.9inch)
Dimension/Weight	38x25.6x10.7mm (1.5x1x0.42inch) / 4.2g (0.15oz.)
Working Temperature	Temperature: 5°C~40°C, humidity: 20%~80%

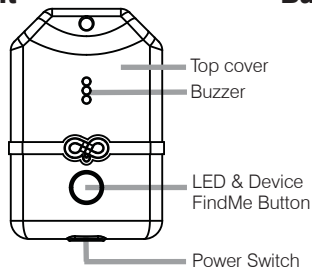
## 3 Package components

- A) Charm Tag Unit x 1      B) Strap x 1  
C) Battery(CR 2032) x 1    D) User Manual x 1

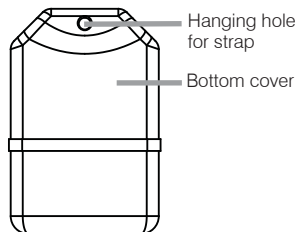
If any components are missing from the package, please return the product to your dealer immediately.

## 4 Product description

Front



Back



## 5 Quick setup guide

### Step 1 - Download App "HiProx Multi"

Download "HiProx Multi" on App Store for free.  
(Please search for HiProx Multi on App store, or search for BLE and find the HiProx Multi application)

### Step 2 - Enable Bluetooth on your iPhone/iPad

Go to ➡ Setting ➡ General ➡ Enable Bluetooth

### Step 3 - Place battery into Charm Tag Units

- Remove the top cover with your hand. Force the top cover to slide from its mounted position towards the top of the Charm Tag.(Figure1 & Figure 2)
- Insert the battery into the battery compartment with the the "-" sign on the battery facing up. Then replace the top cover by sliding it down into compartment opening.(Figure 3)



Figure 1



Figure 2



Figure 3

### Step 4 - Turn on the Charm Tag Units

Once turn on the Charm Tag units, and it will enter automatically to pairing mode. Green LED will blink per second to indicate device is ready to pair.

### Step 5 - Run "HiProx Multi" application

- Open "HiProx Multi" and tap the button in the upper right corner to discover all available devices.(Figure 4)
- "HiProx Multi" will pop up Bluetooth Pairing Request.(Figure 5)
- Select "Pair" from "Bluetooth Pairing Request" for each device. The Green LED light will blink once every 5 seconds in the connecting mode.

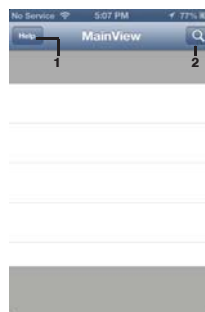


Figure 4



Figure 5

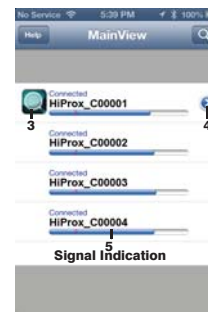


Figure 6



Figure 7

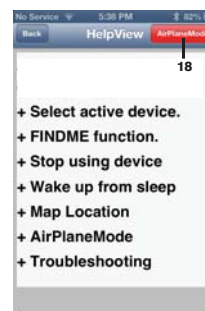


Figure 8

1. Enter Help menu
2. Find new device
3. Find my tag
4. Setting button
5. Signal indicator
6. Remove tag button
7. Beep sound setting for tag
8. Change device name
9. Battery status
10. On/Off call alert function
11. On/Off link loss function
12. On/Off range alarm function
13. Set alarm range
14. Alarm sound setting
15. On/Off Map location function
16. Enter Map view menu
17. Enter Camera function
18. Enter airplane mode setting

### Step 6 - Test the Charm Tag system

- From MainView available devices table, you can tap desired item to select that device. Once device has been selected, button will appear in that row.(Figure 6)
- To set different alarm sounds for each tag, press 'Alarm Button' (Figure 7)and go to Alarm Sound Selection View to choose your alert tone for that tag.
- Press , the Charm Tag will beep to do FindMe function.
- Press "FindMe" button on the Charm Tag unit , and your BLE device will beep.
- Press and release "Find Me" button to stop the FindMe function.
- Set alarm "threshold level" depends on the alarm distance you like.  
Step: ➡ Range alarm threshold ➡ Move the threshold bar depends on the distance alarm you need.(Figure 7)
- Test your setup by placing the iPhone in a stationary location. Then take the Reminder and walk away from the iPhone - when you reach 6-50 feet from the iPhone, the Reminder will begin to beep. If you move back into the range, the alarm will cease. (Figure 9)

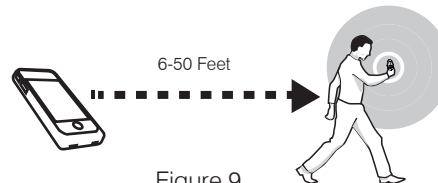


Figure 9

## 6 FindMe Function

- To locate the missing item, tap green button from available device st. The missing device will continue beep for 5 seconds from each request. Re-tap green button again to continue searching function.
- Press and Release Device 'FindMe' button (hardware button under the LED) will generate "FindMe Request" from that Device. Your iOS device (iPhone / iPad...) will issue Alert sound continuously. Press and Release Device FindMe button to stop this request.
- Tap green button from iOS Device will Mute 'FindMe Request Alert Sound.
- Holding the device button for over 3 seconds will force the device to enter SLEEP mode and generate a linkLossAlert to the iOS device; to wake up and re-connect to the iOS device, press and release device button.

## 7 Map Locate

- To set map Location function manually, go to SetView Menu page and tap the **View** button to go to MapView.(Figure 10)
- To manually select a Location mark, tap the **MARK** button and choose [YES], you will see a red mark pin on the current blue location mark.(Figure 11)
- Auto set map location function: go to MapView Menu and tap the **MARK** button and remove the current mark pin, then enable the Map Location function. When your iOS Device detects linkLossAlert, the iOS Device will automark the Location pin on MapView.(Figure 12)

**Please notice map location is at the base of the iOS Device GPS function if outdoors. If indoor, Please enable Wi-Fi to get Location accurately.**



Figure 10

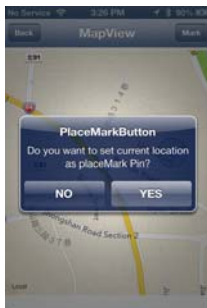


Figure 11



Figure 12

## 8 Remote control for Photo Capture

To use the 'Photo' remote control function, go to the SetView page and tap the Capture button to go to Capture View. The Smart Tag remote key can control your smartphone camera function for photo capture with one second per 'capture count number' or one minute per 'capture time'.

For the Photo Capture function: You can use '+' or '-' to increase or decrease the 'Capture count number' up to 100 images. Press the smart tag remote button to start photo image capture one image per second for the specified capture count period (you only press the remote button once and you can pan your camera around your target area).

## 9 Notification of incoming calls

Please go to SetView Menu to enable the call alert function.

Step: Call Alert Enable

When you get a phone call, the Charm Tag will start beeping and flashing to remind you.

## 10 AirPlane Mode

**Option A: After Airplane Mode has been turned 'ON'.**

Press and release device button once for each device to disable alert sound. Please go to Help/AirPlaneMode option: tap the **AirPlaneMode** button by select [YES] to disconnect all Devices and exit App now (please follow instructions from App)

To reconnect to all devices: tap the **AirPlaneMode** button and choose [RECONNECT] and exit App now (please follow instructions from APP). If you can not connect all devices at once, please repeat AirPlaneMode disconnect / reconnect steps to RECONNECT all devices.

**Option B: Enable sleep mode for all devices:**

Press and release device button over 3 seconds for each device, you should hear beep once to confirm sleep mode. Your iOS DEVICE will register 'LinkLoss/Sleep detected' message and go to Help/AirPlane Mode to disconnect all devices (please follow instruction from App) and exit App now. You can go to setting and turn 'ON' the Airplane Mode.

To reconnect the all devices: you have to wakeup each device by press/release device button once. Tap the **AirPlaneMode** button and choose [RECONNECT] and exit App now (please follow instructions from APP). If you can not connect all devices at once, please repeat AirPlaneMode disconnect / reconnect steps to RECONNECT all devices.

## 11 Stop using device

- To DISCONNECT all active device, please go to Help/ AirPlane Mode option and tap 'YES' to disconnect all devices. Device will enter standby mode after 30 seconds. Green LED will blink every 10 seconds to indicate standby mode.
- To RECONNECT all active device: please go to Help/AirPlane

Mode option and tap 'Reconnect' to connect all devices. If all devices are in sleep mode, please press and release device button to wakeup each device. In this case, you have to exit App and Run again to reconnect all device (this may take up to 20 seconds for device in SLEEP mode).

- Press and release device button, Device will wake up from sleep mode and send connection request to iOS DEVICE. iOS DEVICE Will automatically connect to this device with "Connected" message.
- To temporarily stop using one or more devices, enter sleep mode for each device. Hold device button for over 3 seconds until you hear the first beep or the status LED light blinks Red. If you are still in connect mode, a link lost alert will register to iOS DEVICE and iOS will issue Alert Sound with 'LinkLoss/sleep' message. Tap that row to stop Alert Sound. You can wakeup that device by press and release device button once. iOS Device will detect wakeup signal and enable connection automatically.
- Device LED will stop blinking when it is in sleep mode.
- You can remove device permanently by tapping the red Remove button(Figure 13) in the upper right corner of the SetView page. To delete this device(Figure 14), Please GO TO your iOS Device Settings menu, select General/Bluetooth. You should see the name of the device you want to remove, tap it and choose "Forget this device".



Figure 13

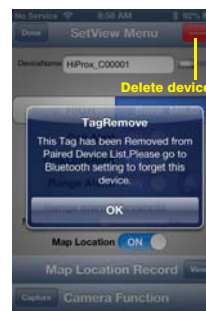


Figure 14



Figure 15

## 12 Troubleshooting

- If you try to discover a device, but cannot find it, this usually indicates that there is existing bond information. Locate and remove(Figure 13) existing bond information from your iOS device and from Bluetooth Setting to "Forget device". (Figure 15) May be you need to shut down iOS device to clean holding information completely.

**Removing bond information from iOS**

Bond information can be removed from the Settings menu, by going to General and then Bluetooth. There you should see the name of the device you want to remove, tap it, and choose "Forget this device". (Figure 15)

Step : Bluetooth HiProx\_CXXXXX

Forget this Device Forget Device

**Removing bond information from device**

To remove device permanently:

- Disconnect device first and go to SetView page to "Remove" (Figure 12) and "Delete" (Figure 13) Device. Follow "Removing bond information from the iOS" setps to completely remove device from the iOS.

Step : Remove YES Delete OK

- Remove battery from device and re-install to re-start pairing process.

- What can cause a false Out-of-Range alarm?

- Low battery power.
- The human body is also a source of interference; when carrying both iPhone & Charm Tag, carry them on the same side of your body.
- Interference/block by metal objects or high power signals used by 2.4 GHz band devices (i.e. Wi-Fi networks or Microwave ovens...).

- Please change batteries if audible alarm becomes weak.

## 13 Warning

- Do not disassemble, repair, modify or replace the Charm Tag Unit or any of its components.
- Please comply with the national and international flight safety regulations when using device during your flight trip.
- When storing rechargeable batteries for collection, keep in a vented, non-metal container. Operating for this product is between 40°F~103°F (5°C~40°C). Storage for this product is between -4°F~185°F(-20°C~85°C).
- Do NOT dispose of the battery in public trash; it is unlawful under state and federal environmental laws and regulations.
- Please dispose of the battery at local battery recycling center.



## **Federal Communication Commission Interference Statement**

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 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.

***FCC Caution:*** 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).

## ***FCC Radiation Exposure Statement***

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.