

## User Manual

### **Preface**

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## Foreword & Important Note on Safety!! (MUST READ BEFORE STARTING)

Please read this note before you install and use MBU-3000 Bluetooth Upgrade Adaptor!

**Congratulation on becoming the MBU-3000 owner!**

ViseeO MBU-3000 is the latest and one of the simplest Bluetooth Handsfree System ever designed for your Mercedes Benz. You will be able to connect the latest mobile phones to the handsfree system, sync phonebook and dial/answer a call from vehicle's original steering wheel control or head unit keypads. Moreover, it allows you to manage phonebooks and also activate voice assistant wirelessly. Although ViseeO MBU-3000 is very easy to install and operate it is still recommended that you read all chapters in this manual before using the adaptor.

### **Road Safety**

We strongly advise that full attention is to be paid to the traffic conditions whenever the vehicle is moving. Distraction of attention can lead to dangerous traffic situation. Even when using a handsfree car kit driver is always advised to

avoid phone call during a difficult and complex traffic situation.

**Warning!!! Do not attempt to press MBU-3000's button while driving at the same time!**

### Use Only Approved Replacement Parts

Please always use official parts for your VisseeO unit as unknown spare or replacement parts may lead to malfunction.

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## 1. Core Components

Carefully unpack your MBU-3000 and ensure the following items are not missing:

- Main Unit
- Dummy Antenna
- CPU Upgrade Cable

## 2. Understanding your MBU-3000 buttons and LED indicators

1. Pairing/Bluetooth connection indicator
2. Sync and Phonebook Type LED indicator
3. Pairing mode button
4. Phonebook type & Sync on/off button
5. Quick switch for paired phones
6. Soft Reset & Master Reset button
7. Microphone volume dial
8. Dummy Antenna Port
9. Software Setting Dip Switch
10. CPU Software Upgrade Port



### 3. Identify your cradle and software settings

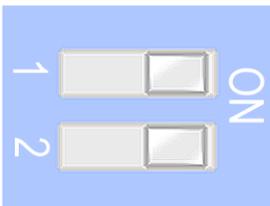
Your MBU-3000 is designed to work with 4 different types of Mercedes original cradles:

- I. 6150
- II. 6210
- III. 6310/6310i (Type 1)
- IV. 6310/6310i (Type 2)

Once you have determined the cradle type you will need to choose the right software setting on your MBU-3000 so it can communicate with your original cradle. The **software setting dip switch** is located at back of MBU-3000 (see “*Section 2. Understanding your MBU-3000 buttons and LED indicators*” for further information).

#### 6150 Cradle

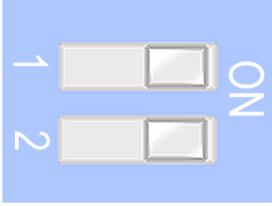
Software A Required



**For Nokia 6150**

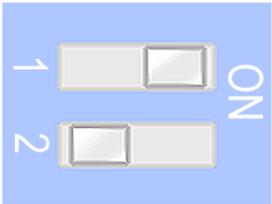
## 6210 Cradle

Software A Required



OR

Software B Required



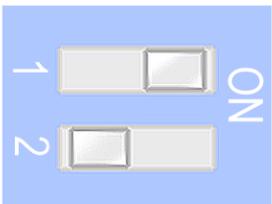
**For Nokia 6210**

Note:

- ◆ *If you have a Nokia 6210 cradle on your Mercedes, it is advised that you try both software first to decide which one is the smoothest setting to use with your Comand console.*

## 6310/6310i Type 1

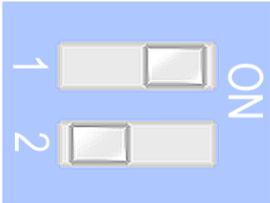
Software B Required



**For Nokia 6310/  
6310i Type 1**

## 6310/6310i Type 2

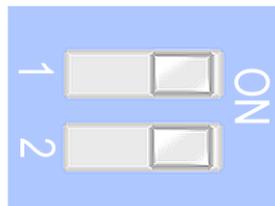
Software B Required



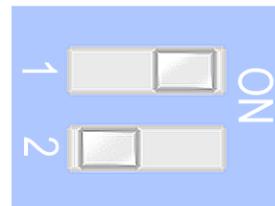
**For Nokia 6310/  
6310i Type 2**

Here is a software summary table below:

Software A



Software B



|               |      |      |            |
|---------------|------|------|------------|
| Cradle        | 6150 | 6210 | 6310/6310i |
| Software Type | A    | A/B  | B          |

## 4. Installing the main unit

Locate your cradle and carefully place the main unit inside the cradle until the unit is firmly attached to it. If your cradle is a 6150 type you will need to plug the dummy antenna on top of the MBU-3000's dummy antenna port before you attach the unit to the cradle.

Dummy Antenna

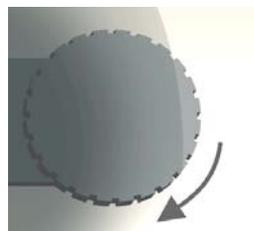


## 5. Microphone volume setting

There are mainly two types of original microphone settings that come with your car. To work at the optimum performance it is required to identify the type of microphone you have and adjust the microphone level accordingly.

For single microphone vehicles:

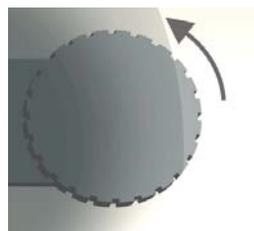
If you have a single microphone you will need to decrease the microphone volume by turning the knob downwards to the lower end:



Mic Volume Down

For multiple microphone vehicles:

If you have multiple microphones you will probably need to increase the microphone volume by turning the knob upwards to the top end:

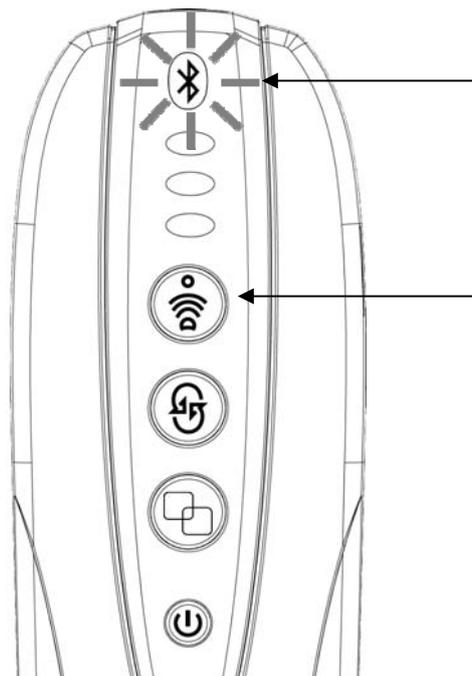


Mic Volume Up

Once you have set up the microphone level you must soft reset MBU-3000 to allow the setting to become effective (Please refer to “Section 15. Soft Reset” for further information).

## 6. Pairing

Place MBU-3000 on the original cradle, and turn on audio system to power up the unit. Press and hold the **Pairing Mode** button on the device for 5 seconds or more until the Bluetooth connection indicator starts flashing to indicate the pairing mode has been activated. Turn on the Bluetooth function on the mobile and search for available device nearby. After the unit has been detected, the device name: **ViseeO MBU-3000** should appear on the mobile phone. Select the device to pair and enter the password “**1234**” when prompted a passcode request. Once connected, the Bluetooth connection indicator turns solid white to indicate the connection has been established. You will also see the car audio system showing “**In Service**” or “**ViseeO**” which means you are now ready to use handsfree from your Comand console.



**Flash:** Pairing Mode activated

**Solid:** Connected to a Bluetooth phone

Press the **Pairing mode** button for 5 seconds to enter pairing mode

## 7. To pair more than one phone

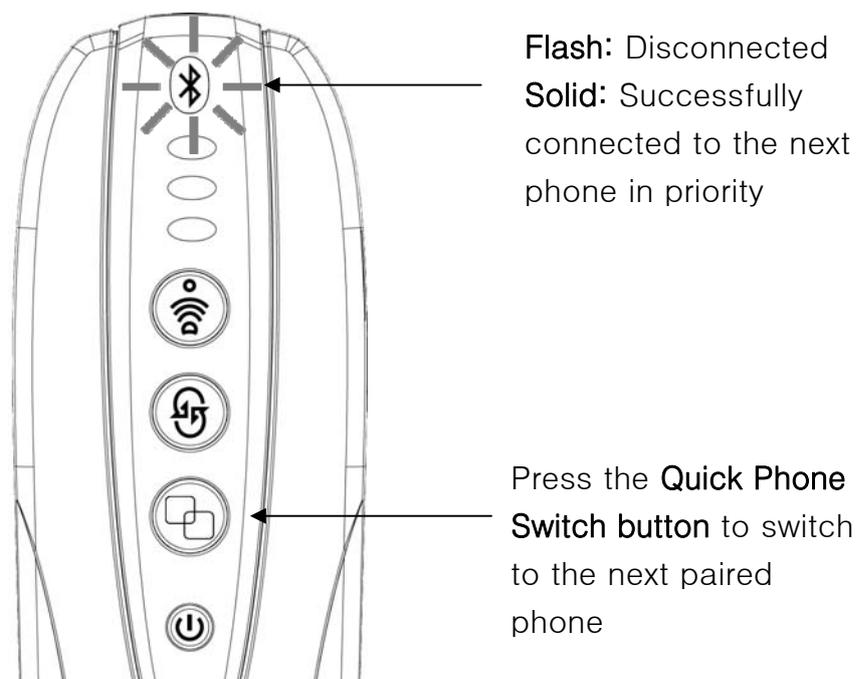
MBU-3000 can remember the pairing settings and phonebooks for up to four phones. To pair another phone with MBU-3000, simply activate the pairing mode again by pressing the **Pairing Mode** button for 5 seconds and follow all the procedures as described in “*Section 6. Pairing*” to pair another phone.

## 8. Phones Connection Priority

MBU-3000 can be paired up to 4 mobile phones with the highest priority always goes to the most recent connected phone and lowest priority to the earliest connected one. If no more pairing space is available the fifth paired phone MBU-3000 will erase the pairing that has the lowest priority and moved other two pairing to the lower pairing priorities.

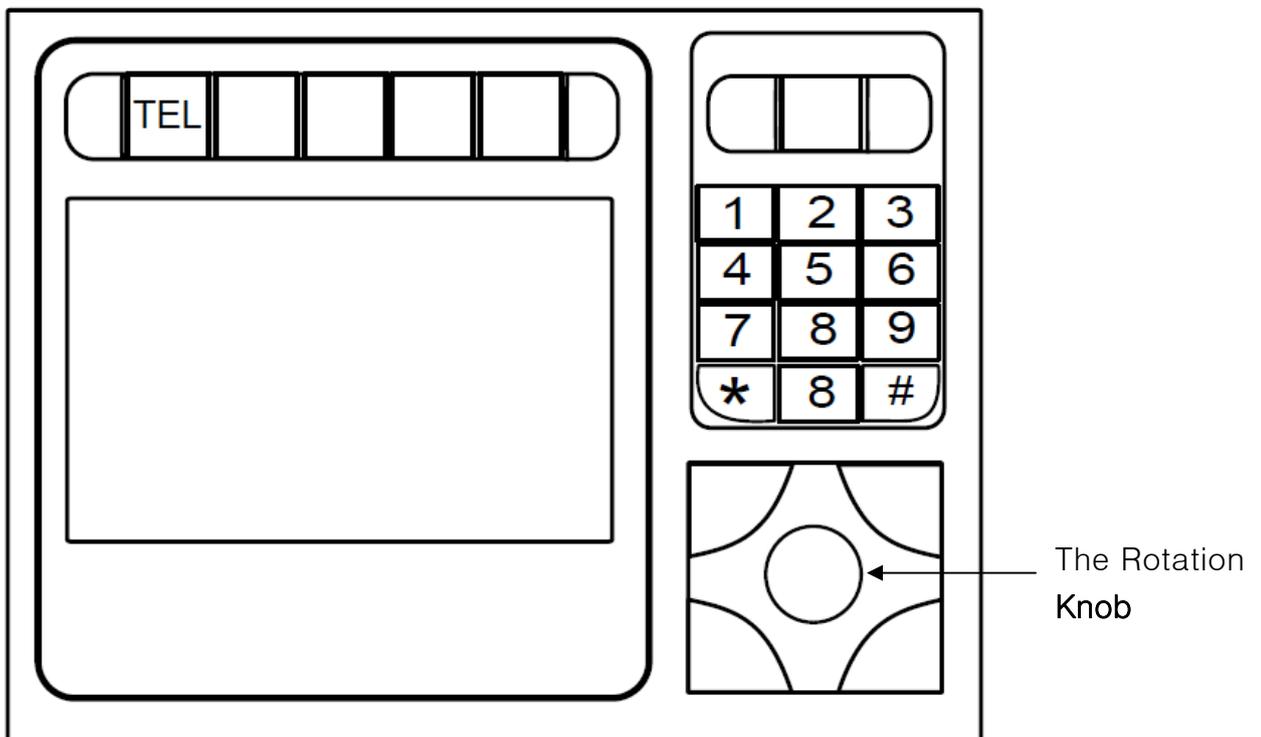
## 9. To Quickly Switch Between Paired Phone

If you have more than one phone paired you can quickly switch between the paired phones using the **Quick Phone Switch** button on MBU-3000. To switch between phones press the button to switch to the next phone. Please make sure the phone you would like to switch to is with you and its Bluetooth function is switched on. Alternatively, you can switch between the paired phones from the Comand console by dialing **7\*0#** and pressing the **Call** button  to activate the command. For further information on this function please refer to “*Section 18. Controlling MBU-3000 from the Comand Console*” of this manual,



## 10. Making and Receiving a Phone Call

Once you have connected your phone with MBU-3000 you will be able to make or receive a phone call using the Comand console's keypads or the keypads on your steering wheel if your vehicle supports it. To make a phone call, please make sure Comand console displays "In Service" or "ViseeO" on the original display. Dial the telephone using the keypads on your Comand console and press down the **Rotation knob** or **Call button**  to dial out. Alternatively you can access the phonebook and select a desired phonebook entry to dial out if you have already completed phonebook synchronization on MBU-3000. (Please refer to "Section 11. Phonebook Synchronization" for further information).



## 11. Phonebook Synchronization

If your phone supports the phonebook sync protocol provided by MBU-3000 you will be able to take the advantage of the automatic phonebook upload function. The phonebook sync process is divided into two stages:

1. From mobile phone to MBU-3000
2. From MBU-3000 to Comand console.

As soon as your phone is connected with MBU-3000 it will upload contacts in your phone memory to the MBU-3000's memory. When this process is completed MBU-3000 will then transfer the contacts to the Comand console. This will cause a **temporary disconnection** between MBU-3000 and Comand console (you will see a message such as 'Please insert telephone' or 'TEL Error', etc. on the screen) please just wait until the connection comes back. As soon as the connection is re-established MBU-3000 will begin to transfer the contacts from its memory to your Comand console and you can check whether the transfer is done by accessing the phonebook function on the Mercedes display to see if the contact emerges.

To access your phonebook, simply press **TEL** button on the Comand console. Then, select **Phonebook** to enter **TEL Phonebook** menu and Press **Read Phonebook** to enter the phonebook list. Search the name using the navigation buttons (or rotation knob) on your Comand console. To call out, simply press the knob or select the **Call button**  on the Comand console to call out.

### Note on Independent Phonebook:

Each phone has its own phone book profile, which means when phone A connects user will not be able to access Phone B's uploaded contacts and vice versa when Phone B is in connection. Each individual phonebook can hold up to 256 or 400 telephone numbers entries depending on the chosen software setting on the MBU-3000 (see note below for further information).

#### Note:

- ◆ *To access phonebook you must wait for the phonebook sync to be completed. If Comand console does not allow you to choose the Phonebook option that means phonebook sync is still in progress.*
- ◆ *Some phones may not support automatic phonebook synchronization. If your phone does not synchronize after establishing the connection with MBU-3000 please always check if MBU-3000's Phonebook SYNC function is **ON** first (see "Section 13 Sync On/Off" for further information). If this function is already on and you are still unable to sync it is very likely that your phone does not support MBU-3000's phonebook sync protocol. You can check your phone model against MBU-3000's compatibility list available at ViseeO's website.*

- ◆ *Phonebook sync speed varies between phone models and size of the phonebook. For some phones, the synchronization to MBU-3000 is almost instant but for others it may take longer.*
- ◆ *The transfer from MBU-3000 to the Comand console may take a while depending on the phonebook size. Once transfer is completed you will be able to see the phonebook entries when accessing the **TEL Phonebook** screen.*
- ◆ *Contacts are sent in the order according to the phone's memory slot distribution via Bluetooth. Different head units will have different way of sorting the phonebook nonetheless, you will be able to quickly access the contact entry you desired by searching through the alphabetic index.*
- ◆ *Auto sync will only sync the phonebook entries stored in phone memory. **If you wish to sync the phonebook stored in the SIM card please copy the contact entries to your phone memory and sync again** (by pressing the **Soft Reset** button).*
- ◆ *Depending on the MBU-3000's software selected, for each paired phone you will be able to transfer up to **256 (Software A)** or **400 (Software B)** entries to the Comand console from MBU-3000. If your phone has more than 256 (or 400) entries Comand console will randomly pick up 256 (or 400) entries to be displayed on your screen. You can use the **Phonebook Type Management** function to filter out the numbers you do not want to view and select only the most desired telephone numbers to show on the Comand console display (please see "Section 12 Phonebook Type Management" for further information).*
- ◆ *When transferring phonebooks from a **Samsung Galaxy Phones (W, R, S2, and etc.)** or some other **Android phones** you will be asked whether to accept an outside access to your phonebook (normally this is notified by your phone's notification bar at the top of the display). **You will need to accept the access to your phonebook on your phone in order to allow the sync to proceed** (This can be done by dragging down the notification bar when your phone alerts you that an outside device is trying to access your phonebook, and then select this notification to accept). If you are not sure how to use the notification bar please refer to your phone manual for further information.*

## 12. Phonebook Type Management

Most phonebook functions on smartphones allow user to organize contact numbers into various types of telephone numbers. For instance, home, mobile, fax or work. MBU-3000 allows user to select the desired types of phonebook to upload into the Comand console.

This function will be particularly useful for user with a large phonebook in the mobile phone as they can assign a certain phonebook type to the most essential phone numbers, for instance, Mobile type. On your

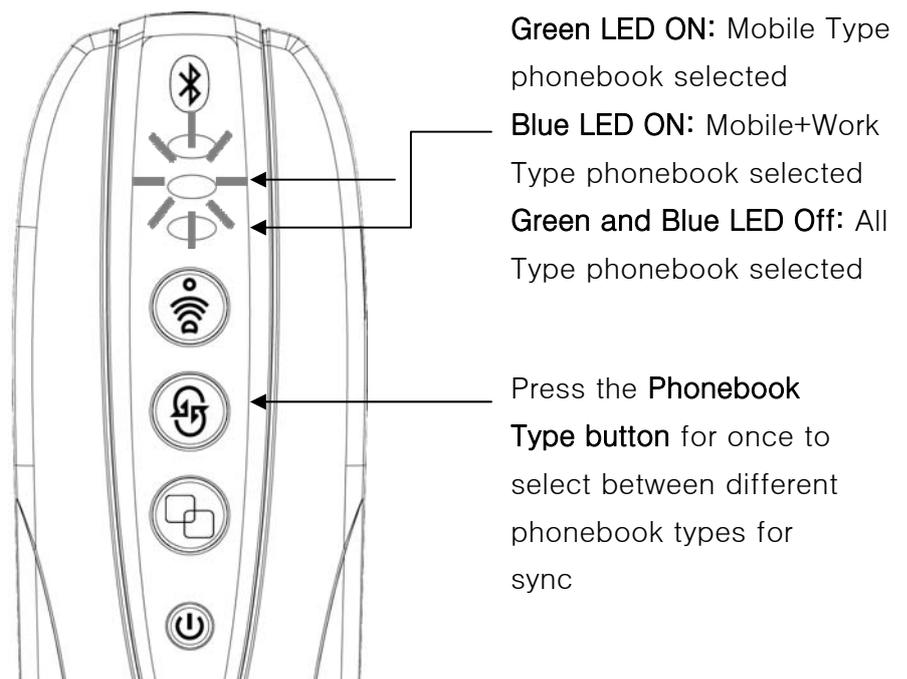
MBU-3000 choose “Mobile type” to be the phonebook type for sync and MBU-3000 will only send the entries that are assigned with mobile type to be display on the original Comand console screen.

There are 3 combinations of phonebook types you can select from:

1. **All type** – means to upload all phonebooks regardless of their type.
2. **Mobile type** – means to upload Mobile type of telephone number only.
3. **Mobile+Work type** – means to upload both Mobile and Work types of numbers.

To select the phonebook type, simply press the **Phonebook Type** button on MBU-3000 to select between three phonebook types. If **Mobile** type is chosen the Green LED light will be on. If **Mobile + Work** type is chosen the Blue LED light will be on. If **All type** is chosen both Green LED and Blue LED **will not** be on.

| Phonebook Type Selected | LED Indicator       |                    |
|-------------------------|---------------------|--------------------|
| Mobile                  | <b>Green LED ON</b> | Blue LED OFF       |
| Mobile + Work           | Green LED OFF       | <b>Blue LED ON</b> |
| All Type                | Green LED OFF       | Blue LED OFF       |



**Note:**

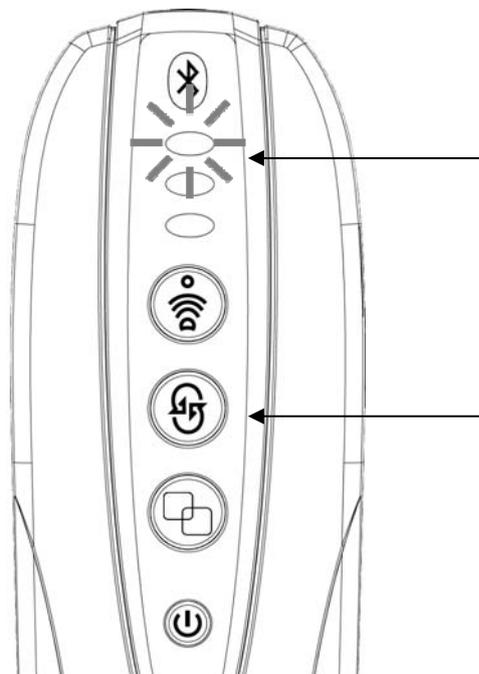
◆ Once you have chosen the desired phonebook types MBU-3000 will resend the

*phonebook into the Comand console this will cause a temporary disconnection between MBU-3000 and Comand console. After the connection is re-established please wait until transfer is completed before accessing the phonebook*

**Tips:** *If you wish to exclude some contacts from the phonebook displayed on the Mercedes screen then simply edit these numbers on your mobile phone or outlook program and categorize them in the phonebook types other than the ones you want to select for auto sync. As Comand console can only accept up to 256 or 400 entries to load into its system, you can select the most important numbers to load into Comand console using this feature especially if you have a large quantity of phonebook entries stored on your phone memory.*

### 13. Sync On/Off

As MBU-3000 will sync your phonebook every time when the connection with the phone is re-established you may not want MBU-3000 to perform this function every time you re-enter your vehicle. You can therefore, switch off the automatic sync function on your MBU-3000 by pressing the **Phonebook Type** button for **5 seconds** until you see the white LED light disappears. To switch it on again, press the **Phonebook type** button for 5 seconds until you see the white LED light becomes solid white.



**Flash:** Phonebook sync in progress

**Solid:** Auto sync has been turned on

**Light Off:** Auto sync has been turned off

Press the **Phonebook type button** for 5 seconds to switch between Sync ON or OFF

## 14. Voice Assistant Activation (SIRI function activation)

SIRI assistant on your iPhone can be wirelessly activated via MBU-3000. To activate SIRI wirelessly dial **7\*7** and press the **Call button** . When hearing the SIRI beep speaks like handsfree to ask SIRI to send SMS, read a new SMS, jolt down a note or even to call some one for you. Once activated you have 60 seconds to perform the function. If you wish to perform another one before the 60 seconds end you will need to press **Hang-up button**  to end the activation before you can activate it again.

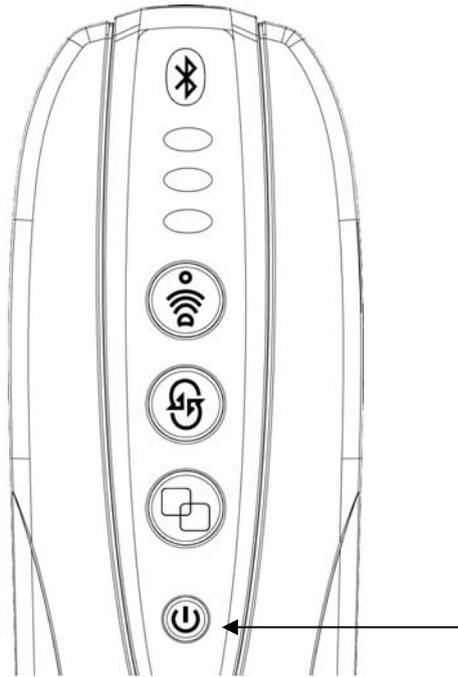
### Note:

- ◆ *This function will work with iPhone 4S or iPhone 5 SIRI and other phones that are equipped with compatible voice command functions.*
- ◆ *Once you activate SIRI using Comand console keypads MBU-3000 will open up the microphone and speaker for 60 seconds. During this time if SIRI asks you questions back then you will be able to talk to SIRI without reactivation. If you do not hear the beeping sound from SIRI or if SIRI has completed the task you have just requested before the 60 seconds end you will need to press the **Hang-up button**  before you can use **7\*7** command again.*
- ◆ *If you make a call via SIRI, in-car speakers and microphone should remain open through out your call.*
- ◆ *It is advised that you try out the SIRI activation function a few times while car is stationed just to get a feel how to operate it from your Comand console.*
- ◆ *SIRI, iPhone 4S and iPhone 5 are the products and registered trademarks of Apple Inc.*

**Warning!** You should pay attention to the road at all time when driving. Do not attempt to use this function while driving through a complicated traffic area.

## 15. Soft Reset

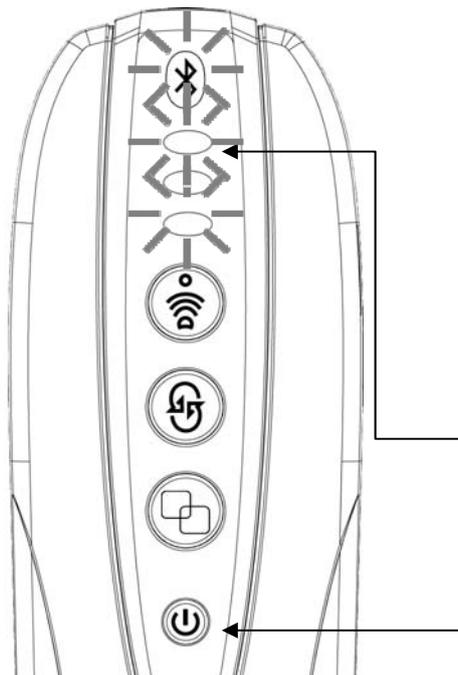
To soft reset the device, simply press the **Reset button** at the bottom of the device. This will cause a temporary disconnection between MBU-3000 and your mobile phone. When reconnected, MBU-3000 will restart the sync process (please make sure the sync function of MBU-3000 is switched on).



Press the **Reset button** once to soft reset the MBU-3000

## 16. Master Reset (Factory Default Setting)

To clear all pairing information and phonebook please enter the master reset mode by pressing and hold the **Reset button for 5 seconds** or more until all LED lights on MBU-3000 become solid. Then press the **Reset button** again to confirm the master reset. If you have activated the master reset and wish to cancel it please press any other button to cancel it when master reset mode is activated (i.e. all LED lights stays on).



Press the **Reset button** for 5 seconds until all LED lights stay solid to enter the **master reset mode**. Then, press the **Reset button again** to confirm resetting the unit back to its default settings or press any other button to leave the master reset mode.

## 17. Privacy Call

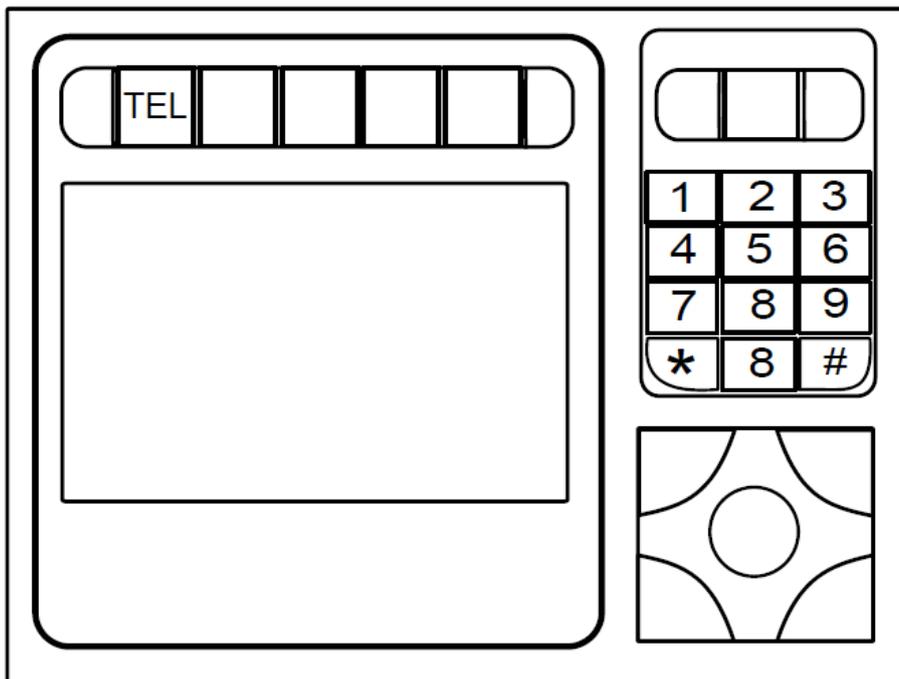
To switch between handsfree and handset during a call you will need to perform the function directly on your mobile phone. Since you will need to hold a mobile phone at your hand in order to change to privacy call therefore, it is strongly advised that this should only be carried out while car is safely parked.

## 18. Controlling MBU-3000 from the Comand Console

You can perform the following three major functions of MBU-3000 directly from the Comand console keypads:

1. Quick switch between paired phones
2. SIRI (Voice Assistant) activation
3. Sync On/Off

To quickly switch between paired phones press **7\*0#** on your Comand console keypads and press the **Call button**  to activate the switch. As soon as you activate the function MBU-3000 will disconnect with the current phone and re-connect with the next phone in priority. If you wish to perform this function again you must wait for the connection to be established before the Comand console will allow you to dial again.

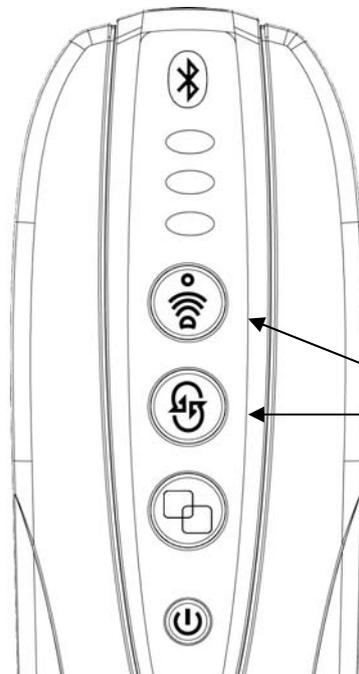


To activate SIRI (voice assistant), you will need to press 7\*7 on your Comand console keypads and press the **Call button**  to activate. For further information on SIRI (voice assistant) activation please refer to “*Section 14. Voice Assistant Activation*” of this manual.

To quickly activate sync, please press 8\*0# on your Comand console keypads and press **Call button**  to activate. This will force MBU-3000 to turn the Sync on and immediately activate the Sync. For further information on Sync On/Off function please refer to “*Section 13. “Sync On/Off”*” of this manual.

## 19. Check Software Version

To check the current software version on your MBU-3000 power up your Comand console and MBU-3000. Press and hold the **Pairing Mode button** and **Phonebook Type button** for 5 seconds or more until you see a set of number appearing on the Comand console display. Write the number down and check the number against the latest download from our website.



Press and hold the **Pairing Mode button** and **Phonebook Type button** for 5 seconds until you see a set of number appearing on the Comand console.

To leave the software version screen **soft reset** MBU-3000 by pressing the **Reset button** once.

## 20. Software Upgrade

From time to time, new mobile phones are introduced very often and sometimes the new operating software loaded on the phone may not always be compatible with the previous one. Hence, there is a chance that the new mobile phone operating software may not be able to communicate with the MBU-3000 properly. If this is the case you will need to check if you have the latest the software on your MBU-3000 (Please refer to “*Section 19. Check Software Version*” for further information). There are two types of updates for MBU-3000, Bluetooth firmware and CPU software. For further information about the software upgrade please download the **MBU-3000 Software Upgrade Instruction** from the Download page of [www.viseeo.com](http://www.viseeo.com).