Bluetooth®

Wireless
Speakerphone

M⦿VON

www.movon.co.kr

User Manual

MK20

Bluetooth®

07-1-mv-mk20-1

M⦿VON

1 ENCLOSURES

① Speakerphone unit   ② Clamp   ③ Car charger   ④ Manual

Optional items

Earphone   AC / DC adapter

---
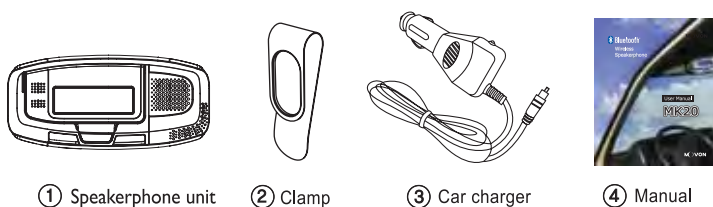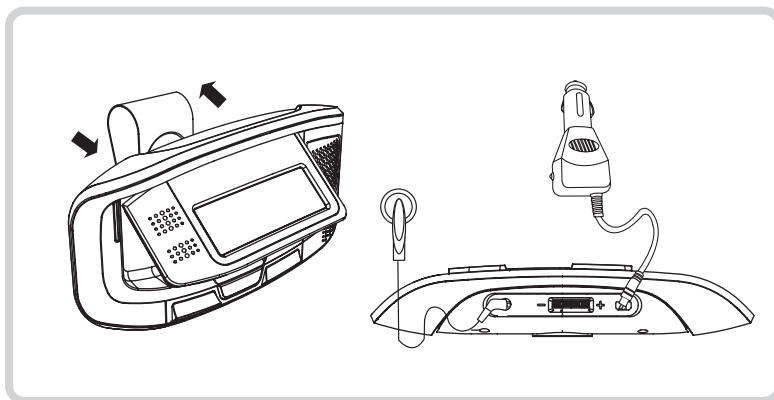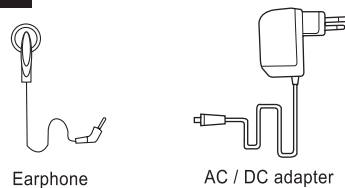
2 Overview of the unit

1. ILLUSTRATION

① Clamp   ② Speaker
③ TALK Button   ④ END Button
⑤ HOTLINE Button   ⑥ LCD
⑦ MIC   ⑧ Earphone Jack
⑨ JOG Button   ⑩ Charging port

2. DISPLAY

① Bluetooth Connection   ② MIC Mute   ③ Call Activation
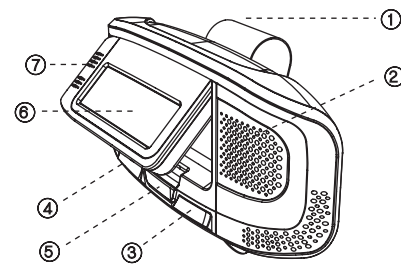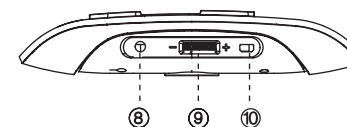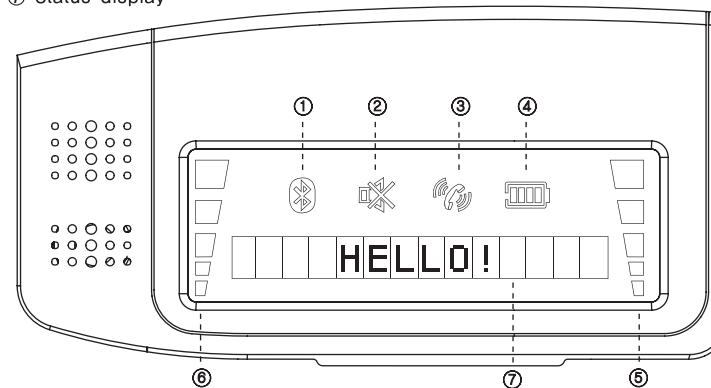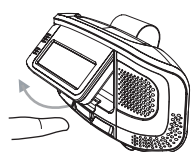④ Battery   ⑤ Volume   ⑥ RSSI (Received Signal Strength Indication)
⑦ Status display

HELLO!

3   HANDSFREE MODE
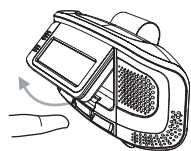
1. TURNING ON/OFF

*Turning On

Hold up LCD panel to turn on the unit.

*Turning Off

Pull down LCD panel to turn off the unit.

*POWER SAVING LCD Backlight is automatically off after 60 seconds. Press any button once in order to light on again.
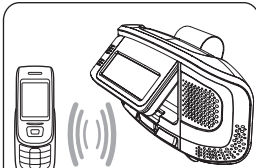
2. PAIRING

Turn on the unit.

3sec

Press End button(☎) for 3 seconds to enter the Pairing mode until you see blue LED blinking. Be noted that Pairing mode remains for 60 seconds. If you stop the Pairing mode, you can push End button(☎) shortly once.

Set your mobile phone to "discover" this unit. by following your phone instruction.

Active Dev List
Model Name

Your phone will find the unit model name and ask if you want to pair with it. Confirm this by pressing "yes" or "OK".

Input PIN Code
****
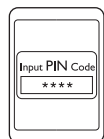
Enter PIN number 0000 (4 zeros), then press "yes" or "OK". Beep is heard from the unit after successful pairing.

---

*AUTO CONNECTION

This unit functions Auto Connection that makes it possible to be automatically connected to the last connected phone after turned on.

3. MAKING A CALL

① **Last Number Redial**
Press TALK button(☎) one time after connected with a mobile phone. Phone number is displayed on the phone. Make a call by pressing TALK button(☎) one time.

② **Number Dial**
5 last incoming call numbers are displayed on LCD by moving right JOG button. A desired number can be selected by moving JOG button left and right. Or, if you move left JOG button, numbers in Phonebook are displayed. Press TALK button(☎) one time for making a call.

③ **Voice Recognition Dial**
Press TALK button(☎) for 3 seconds until a short beep is heard. Speak the name of person to call. To cancel Voice Recognition Dial, press End button(☎) shortly once.

[Note] Make sure voice recognition function on your mobile phone is activated and voice tags have been recorded in the phone. Refer to your phone manual.

④ **Hotline Dial**
Press HOTLINE button(H) one time to dial the hotline number stored. You can set a Hotline number on the menu mode. Please refer to '6. Menu mode' from this manual.

4. RECEIVING A CALL

This unit rings when a call is coming in and the caller ID(number or name) is displayed on LCD. Press TALK button(☎) to answer a call.

*Caller ID : A caller's name will appear on LCD if the caller's number is stored in this unit under the name.

5. REJECTING / ENDING A CALL

① Rejecting a call
When the unit rings, press END button (☎) one time to reject a call.

② Ending a call
Press END button (☎) one time to end an active call during a call.

6. TRANSFERRING A CALL

During an active call, press TALK button(☎) one time to transfer a call from the unit to a mobile phone or from a mobile phone to the unit.

7. ADJUSTING A VOLUME

Move JOG button (◀▶) left and right during a call to adjust the volume level.
When you move right/left the JOG button(◀▶), the volume is up/down.

8. MUTING THE MICROPHONE

If you press JOG button one time during an active call, the other party can not hear you.
To end the mute function, press JOG button one time again.

9. CALL WAITING

Make sure your mobile phone should support HFP(Hands-Free Profile) to use 3 way calling.
Be noted that call holding or multi party call can be available only when your service operator offers this feature.

[Recommended] Use standard method by pressing 'SEND' button of your mobile phone.

* CALL WAITING BY USING THE UNIT
① Push left JOG button(◀▶) for 2 seconds until 1 short beep is heard.
   Then the call in waiting is accepted while the active call in use is released.
② Push right JOG button(◀▶) for 2 seconds until 1 short beep is heard.
   Then the call in waiting is accepted while the active call in use is held.

10. RESET OF THE UNIT

Press END button(☎) for about 8 seconds to reset the unit then "RESET" shall be displayed on LCD. In this case, paired device information, selected ring tone, and incoming call list become all reset only except phonebook information. Plus, the unit shall automatically start pairing due to the reset of paired device.
Regarding resetting the phonebook information as well, please refer to '7. RESETTING THE PHONEBOOK'on this manual.

[Note] Be careful about losing all information saved in this unit due to this reset process.

---

4   MENU MODE

1. ENTERING THE MENU MODE

Press JOG button(◀▶) for about 2 seconds until "MENU MODE" is displayed on LCD.
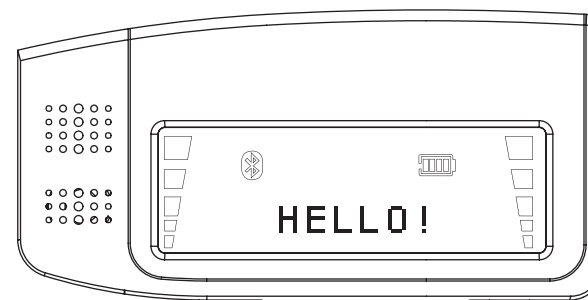
2. ENDING THE MENU MODE

Press END button (☎) one time to escape in present state.
Press END button (☎) once more to escape in menu mode.

3. MENU MODE SCROLLING

Search a desired menu by moving JOG button(◀▶) left and right

4. SELECTING A MENU MODE

Select a desired menu by pressing JOG button(◀▶) one time

5. STORING A MENU MODE

Present menu is stored when you press JOG button(◀▶) for 2 seconds and release.

6. USING A MENU MODE

Menu mode consists of Ring Tone, Phone Book, and Hotline.

① Ring Tone
Press JOG button for about 2 seconds to enter the menu mode.
Move JOG button(◀▶) left and right to search the ring tone menu.
Press JOG button one time to enter the ring tone menu.
Move JOG button(◀▶) left and right to find the desired ring tone from 0 to 2.
Press JOG button for about 2 seconds to store the menu mode then the menu mode
shall be ended.

② Phonebook
Press JOG button for about 2 seconds to enter the menu mode.
Move JOG button(◀▶) left and right to search the phonebook menu.
Press JOG button one time then phonebook list is displayed.
Move JOG button(◀▶) left and right then 5 lists shall be on.

A list with no number is shown as EMPTY LIST. A list that contains only phone number
shows the phone number, while a list stored along with the name displays the name after
showing the phone number.

Press JOG button if you want to newly change a specific list.
When the cursor is shown on LCD, find the number moving JOG button left and right.
If you press JOG button one time, a number is chosen and the next cursor is displayed.
After inputting a phone number like above, press JOG button for about 2 seconds then a
phone number shall be stored and the cursor is shown.
Move JOG button(◀▶) left and right to search an alphabet, and then press
JOG button again to select. After inputting the name following above step,
terminate the menu mode by pressing JOG button
for about 2 seconds after storing the name.

If you press END button (☎) before storing above menu mode, a menu mode is released.

③ Hotline
Press JOG button for about 2 seconds to enter the menu mode.
Move JOG button(◀▶) left and right to search the hotline menu.
Press JOG button one time then hotline list is displayed.

You can store a number in the same way as the Phonebook's.

*EDITING A HOTLINE NUMBER
Press HOTLINE button for 3 seconds to edit a hotline number.
Then, the stored number is displayed while the cursor blinks on the last character.
When you put the cursor on a specific character and push TALK button(☎) shortly,
the character is out as the cursor moves.
You can set a new number in the same way as the Phonebook's.

5 PHONEBOOK EDITING

1. DELETINGING THE SELECTED PHONEBOOK

Move left JOG button and 'SELECT LETTER' will be shown on LCD followed by the display of "A".
Move JOG button right and left to select the first alphabet of desired name, and then push
JOG button shortly. "SEARCHING" shall be displayed on LCD. If there is the name starting with
the desired alphabet, the phone number is shortly displayed and the name appears.
Press TALK button(☎) for 3 seconds to delete a selected phonebook list.

2.EDITING THE SELECTED PHONEBOOK

Move left JOG button and 'SELECT LETTER' will be shown on LCD followed by the display of "A".
Move JOG button right and left to select the first alphabet of desired name, and then push
JOG button shortly. "SEARCHING" shall be displayed on LCD.
If there is the name starting with the desired alphabet, the phone number is shortly displayed
and the name appears. Press JOG button one time to edit a selected phonebook list.
Then, the stored number is displayed while the cursor blinks on the last character.
When you put the cursor on a specific character and push TALK button(☎) shortly,
the character is out as the cursor moves.
You can set a new number in the same way as the Phonebook's.

6   PHONEBOOK DOWNLOADING

Be noted that the mobile phone must support 'Object Push Profile' to use this function.
Contact is downloaded one by one.

① Open LCD folder up while END button pressed, and 'OBJECT PUSH' shall be
   displayed on LCD. (This state is discoverable and connectable)
② Search the phone number in a mobile phone to send and follow the method guided by
   your own mobile phone for sending the number. Pin Code is '0000'.
③ After setting up the connection in the phone ("CONNECTED" shall be displayed on LCD),
   the phone number is automatically sent ("DOWNLOADING" shall be displayed on LCD) and
   disconnection is done. (After "COMPLETED" is displayed on LCD,
   "OBJECT PUSH" shall be displayed)
④ Close LCD folder to power off and reopen to pair Handsfree Kit with your mobile phone.
⑤ Follow the method of pairing and connecting your mobile phone with Handsfree Kit.

[Reference] Example with Sony Ericsson K750i
Press 'END' button of Handsfree kit lifting LCD at the same time
Select 'CONTACTS' in the menu of a mobile phone
Press 'MORE' and select 'Send Contact' in the menu
Select 'VIA Bluetooth' as the transfer method
Search Handsfree Kit to transfer to, and select Handsfree Kit in lists searched
And then choose 'ADD' and input Pin Code (0000)
After the connection, the phone number is automatically transferred.
After completion, cut the connection
Repeat above procedure for the transfer of another phone number

[Note] Please make sure that you need to follow the pairing procedure guided in the
manual after completion of the phone number transfer above.

* Specifications and features are subject to change without notice.

---

*MAKING A CALL THROUGH THE PHONEBOOK
Move left JOG button and 'SELECT LETTER' will be shown on LCD followed by the display of "A".
Move JOG button right and left to select the first alphabet of desired name, and then push
JOG button shortly. "SEARCHING" shall be displayed on LCD.
If there is the name starting with the desired alphabet, the phone number is shortly displayed
and the name appears. (If you move JOG button(◀▶) right and left again, you can search
the next name starting with the desired alphabet.) Press TALK button(☎) to make a call.

7   RESETTING THE PHONEBOOK

It takes about 2 minutes and 30 seconds to reset the phonebook.
Push END button(☎) in connectionless state until 'RESET PHBOOK' will be shown on LCD.
(about 15 seconds) Handsfree Kit reset the phonebook and "RESETTING" shall be displayed on LCD.
After the phonebook reset is completed, Memory test begins. "TESTING" shall be displayed on LCD.
After memory test is completed, "HELLO" shall be displayed on LCD.

8   Safety and General Information

1. Please read this guidebook carefully and follow the instruction
2. To avoid any damage or malfunction of the unit do not drop unit from high places
3. Keep away unit from humidity, water and any other liquid. And if the unit is exposed
   by water, moisture and other liquid directly then don't operate it normally to avoid
   any electrical shock, explosion and damage of the unit.
4. Do not place or keep the unit near the heat sources such as direct sun light, radiators,
   stoves or other apparatus which produce heat. It may cause explosion, degrade of
   performance and reduce battery life.
5. Do not modify, repair & disassemble unit at discretion
   (Especially battery: It may cause an explosion)
6. Do not place the heavy objects on the unit.
7. Use only supplied and approved charger.
8. Replacement or service must be done at a qualified service center or returned to
   the manufacturer.
9. Unplug this unit when unused for long periods of time or during lightening storms.

⚠CAUTIONS: ELECTRIC SHOCK HAZARD
          The battery used in this device may present a risk of fire or chemical
          burn if mis-treated.

9   FCC STATEMENT

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.

Note: The manufacturer is not responsible for ANY interference, for example
RADIO or TV interference, caused by unauthorized modifications to this equipment.
Such modifications could void the user's authority to operate the equipment.

10   EU

This product is CE marked according to the provision of the R&TTE Directive
(99/5/EC). Here by MOVON Corporation, declares that this product is in compliance
with the essential requirements and other relevant provisions of Directive 1999/5/EC.
For further information please visit www.movon.co.kr

You can find the DoC from following website: www.movon.co.kr/certificate/rtte

Please note that this product uses radio frequency bands not harmonized within EU.
Within the EU this product is intended to be used in Austria, Belgium, Denmark,
Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands,
Portugal, Spain, Sweden, United Kingdom and within EFTA in Iceland, Norway and Switzerland.

Bluetooth is a trademark owned by the Bluetooth SIG, Inc.

11   Warranty

The condition of this warranty and our responsibilities under this warranty are as follows:

Supplier's warranty is non-transferable. And this warranty is limited to the original purchaser only.

" You must be able to prove the date of original purchase of the unit with a dated receipt.

" The warranty is not applicable if the product has been subject to physical abuse,
  improper installation, modification or repair by unauthorized third party.

" The responsibility of supplier's products shall be limited to the repair or
  replacement of the product at it's sole discretion.

" Specifically exempt from any warranty are limited-life consumable components
  subject to normal wear and tear such as batteries, decorates and other accessories.

" A supplier will not take any responsibility if the failure of the unit has resulted from
  accident, abuse, misuse, or any unauthorized repair, modification or disassemble.

" Modification and repair of the unit should be done by authorized and qualified
  service personnel, Center or returned to the manufacturer

" This warranty gives you specific legal rights, and you may also have other rights
  which vary under local laws.

12   WEEE Symbol Information

Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate
 collection systems)

This marking shown on the product or its literature, indicates that it should not be
disposed with other household wastes at the end of its working life.
To prevent possible harm to the environment or human health from uncontrolled
waste disposal, please separate this from other types of wastes and recycle it
responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this
product or their local government office, for details of where and how they can
take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of
the purchase contract. This product should not be mixed with other commercial
wastes for disposal.

IMPORTANT NOTE: To comply with RF exposure requirements, this device may not be
co-located with any other transmitter or antenna