PIDION

BIP-7000
Manual

- Please read the following warnings before using the product.
- Shapes and colors of the images shown in this manual
  may differ from the actual products.
- Contents of the manuals may differ based on the software
  version of products or conditions of the wireless provider.

Mobile   Barcode   PC-Sync

Trademark

PIDION

PIDION aims for leading brand in the future mobile industry.
As a global brand representing the image of reliability, representativeness, and cutting-edge technologies, this mark has been registered by Bluebird Soft Inc. around the world to be protected under trademark-related laws.

User's guidance

Device type	User's guidance
A-level (IT Device at work)	This device is registered as suitable for electromagnetic wave use at workplace. It should be appropriately considered by dealers or users. If you sell or buy this device by mistake, please replace it with a product for home use.
Type registration	This wireless device may cause propagation interference, and so, it cannot be used for life-saving services.

※ **Please read warnings and cautious before use.**

Contents

PIDION

Safety Instructions

Read these instructions and warnings to use the Product in a safe manner and to prevent accidents.

[Cautions in relation with batteries]

- Batteries may explode when damaged, impacted, heated, flooded or taken apart with a gimlet. Make sure to keep the batteries out of reach of children or pets.
- Do not use the Product in the area with the risk of explosion.
- If the Product is wet, do not put it in a device that may heat the terminal (heater, microwave oven, etc.). Heating batteries may cause an explosion, deformation or fault. (Water or any other liquid will change the color of the label inside the terminal. In this case, no warranty service will be provided.)

[Caution in relation with Laser Scanner]

⚠ CAUTION
LASER LIGHT - DO NOT STARE INTO
BEAM CLASS 2 LASER PRODUCT

Do not flashing scanner light in human and animal's eyes. It could cause the damage of retina and amblyopia.

[Safety Guideline]

- Do not use the Product on an airplane or in a hospital.
- Do not operate the Product or search a phone number while driving a car. If it is unavoidable, please use a hands-free kit or stop the car.
- Batteries may become deformed and get in trouble if they are left in a hot and sealed place such as on a dashboard of a car under the direct sun light.
- Make sure that battery terminals (metal part) should not contact with any conductive materials like a necklace or coin. Also make sure that batteries should not be damaged by teeth or a nail. Impact may cause an explosion of batteries.
- Use dedicated batteries only and do not use the batteries for any other purpose than operating this Product. Using an inauthentic battery may reduce life of the Product, or cause an explosion. (In this case, no warranty service will be provided.)
- Make sure to use the adapter or the standard charger supplied with this Product. Using an inauthentic charger may reduce life of batteries or cause an explosion. (In this case, no warranty service will be provided.)

Cautions for Product Use

Read these instructions carefully to keep yourself safe and to avoid loss of property.

1. This Product is EMC-compliant. For safety and health, use the authentic parts supplied by the manufacturer. Any inauthentic part may affect safety.
2. Do not press the power button when the Product is wet. Touching the adapter or power cord with wet hands may cause an electric shock.
3. Do not modify, disassemble or repair the Product at your discretion. Manufactor if there is a problem in the Product. Also, make sure to follow the warnings and Instructions. If you fail to follow any of the above instructions, no warranty service will be provided.
4. Record the data in the Product and keep it in a separate place. Data stored in the Product may be deleted during repairing or upgrading the Product. So, make sure to back up important data. (Bells, text/voice messages and characters are initialized.)
5. Do not use this Product in a hot or humid place. Using the Product under a hot/humid temperature such as rain or sauna may cause a trouble. In this case, no warranty service will be provided.

6. Keep this Product away from magnetic products such as credit card, telephone card, bankbook and traffic ticket. The magnetic field of the terminal may affect the data.
7. Avoid vibration and impact. When not in operation or when you are absent, pull out the power cord, and keep the Product in a safe place.
8. Avoid any dusty place, and keep the power cord away from any heating device. When cleaning the Product, pull out the power cord first. Dust off the pins of the power plug.
9. When storing a battery for a long period of time, recharge it and keep it at a room temperature. Even a fully charged battery will suffer reduced life due to the characteristics of the battery.
10. Painting this Product may damage appearance or display, or may cause a fault. Peeled-off paint may cause allergies depending on the physical conditions. In this case, stop using the Product and see a doctor.
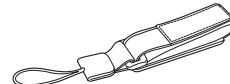
About the Product

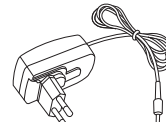## 1 Checking components
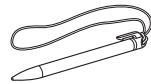
[Stylus Pen]　　　　　[Wrist Strap]　　　　　[Desktop Cradle]

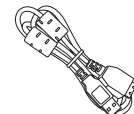[Main set]　　[Standard Battery]　　[Extended Battery]　　[Adaptor]　　[20pin USB cable]
　　　　　　　　　　　　　　　　　(Option)

⚠
- Thank you for purchasing a PIDION Product. Please make sure all the above components are included.
- The images in this User's Manual may not reflect the color and shape of the actual product. (Please contact the Customer Care Center if you wish to purchase any additional or optional products.)
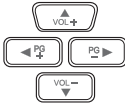
2 Checking names of parts

Charging LED
Receiver
LCD Screen

Communication LED

Front Scanner Button

Send Button
Function Button
Enter Button

End Button
Function Button
Enter Button
Direction Button

Number/Character Buttons

Power Button

USB Cable Connector

Function Button
Reset Button
Microphone

Stylus Pen
Speaker
Stylus Pen Strap Holder

Barcode Scanner Window

Flash
Camera

Side Scanner Button
Back Scanner Button

Side Scanner Button

Battery

Standard Battery
www.mypidion.com

www. mypidion.com

Extended Battery (Option)
www.mypidion.com

Wrist Strap Holder

About the Product

3 Buttons

Button	Description
	Barcode button Used to operate the barcode functions.
	Call button Used to start the phone program. If you press this button once while using the phone program, a call is made to the last party in the call list.

Button	Description
	End button Ends the phone program. You can finish a call by pressing this button during the call. You can also exit an application program. Press and hold (at least 3 sec) this button to switch off the phone function.
	Arrow buttons Used to move left/right/up/down.
	Enter button Changes lines in the text input mode. This button works like the Enter key in computer.

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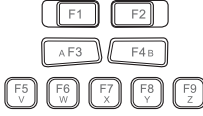
About the Product

버 튼	Description
ESC E	**ESC button**
BKSP I	**BKSP button** The cursor moves backward, erasing the letters. It works like the Back Space key in computer. If you press and hold (at least 3 sec) this button, the letters are deleted one by one promptly and continuously.
TAB J	**TAB button**
Alt N	**Alt button**

버튼	Description
SHIFT button Used to switch between Lowercase/Uppercase English alphabet. (The default is Lowercase English.) If you press this button once and then an alphabet key, the uppercase of the key is entered. Then, input mode is switched to the lowercase. If you press this key twice, the input mode is remained in the Uppercase like Caps Lock until you release it. To release the Caps Lock, you need to press the SHIFT key twice.	
Ctrl / Light button Press this button to set the Function key. If you press and hold this button for over 2 seconds, the LCD display light is switched On/Off. The Display On or Off status is maintained until you press the button again.	
Mode change button Used to switch the input character between Korean/English Uppercase/English Lowercase. If you press the mode switch button in the number mode, English Lowercase alphabets and symbols are displayed. The default is Numeric. Alphabets and symbols are activated until you press the mode change button again.	

About the Product

Button	Description
Fn	**Fn button**
1 2 3 4 5 6 7 8 9 · 0 SP	**Numeric / Alphabet / symbol button** The default is Numeric. Used to enter numbers, alphabets or symbol.
3	*** button** Press and hold this button for over 3 seconds to switch between Vibration/Ringer modes.

Button	Description
6 # M	**# button** **On the Phone main window**, # is entered. **On the windows other than the Phone main window**, if you press and hold this key, the phone is locked.
SP ⇧ U	**Space button** The cursor moves to the right, leaving an empty space. It works like the Space key in computer.
F1 F2 A F3 F4 B F5 F6 F7 F8 F9 V W X Y Z	**F1 ~ F9 buttons** You can define the functions.

About the Product

Button	Description
⏻ ▢	**Power button** Used to switch On/Off the terminal.
◉ Reset	**Reset button** **Soft Reset** All the programs in use are closed and the system is rebooted. **Hard Reset** The product is initialized.

4 Product features

Item	Features
CPU	PXA 320, 806MHZ
OS	Windows Mobile 6.5 / Windows CE 5.0 (Optional)
RAM	256MB
ROM	512MB
DISPLAY	2.8"QVGA(240×320) Touch Window
INTERFACE	USB 1.1 Host & Client
BATTERY	Rechargeable, 3.7V, 2260mAh/3390mAh(Optional), Li-ion
SIZE	72.4(W) x 196.7(H) x 33.6(D)mm
WEIGHT	340g
ADAPTER	5V 3A
DROP	1.8m Steel
Protection	IP65

Item	Features
Camera	3.0M AF Flash
WLAN	IEEE 802.11 b/g
Bluetooth	v2.0+EDR, Class2
GPS	O
G-Sensor	O
WCDMA/ GSM	• Tri-Band UMTS/HSDPA (WCDMA/FDD) 850/1900/2100 MHz • Quad-Band GSM 850/900/1800/1900 MHz • EDGE(E-GPRS)/GPRS multi-slot class 10 • Output power : - Class 4 (2 W) for GSM900 - Class 3 (0.25 W) for UMTS/HSDPA - Class E2 (0.5 W) for EDGE900 - Class E2 (0.4 W) for EDGE1800 - Class 1 (1 W) for GSM1800

Learning Basics

[To connect the battery]
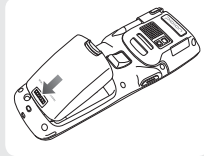
Align the battery to the groove and insert in the direction of the arrow.

[To disconnect the battery]
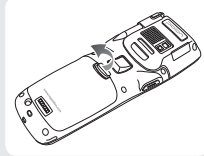
Push down using both thumbs to remove the cover.

- We strongly recommend that you use the adapter which was purchased with the product for charging the battery.
- However, the 20pin charger of an ordinary mobile phone may also be used to charge the PDA battery. (Due to the characteristics of a standard charger, there may be small discharge of electricity despite the charger being fully charged.)

② Insert/Remove the USIM Card

What is a USIM card?

- USIM (Universal Subscriber Identity Module) is a user identification card which is inserted into a W-CDMA phone.

- This card integrating the SIM card containing subscriber information and the Universal IC Card(UICC) containing communication and banking function provides various functions including user authentication, global roaming, and e-transaction.

- This chip is required for communication with the 3rd generation WCDMA terminals. You can use this card in voice mobile call including international roaming and e-commerce service regardless of type of terminal and communication service provider.

[Insert the USIM Card]
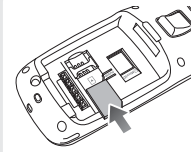
Insert the USIM card with its gold contacts face down.
Its cut off corner should match the cut off corner in the slot.

Learning Basics

[Remove the USIM Card]
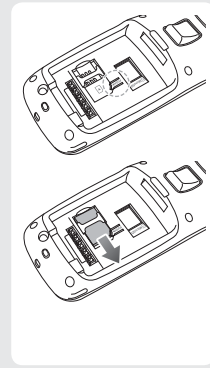
To remove the USIM card, lightly slide it away from slot.

What is a MicroSD card? MicroSD card is a micro flash memory media which is used to store and move data.

[Precautions]

• Applying excessive force to remove the memory card will result in a fault of the device.
• Removing the memory card or shutting power off while using a memory card may result in loss of data, or malfunction of the card and the terminal.
• Make sure to back up critical data in the computer. The manufacturer resumes no responsibility for loss of data in the device.
• If the memory card gets stuck to the device, do not remove the card by force, but visit the nearest after-sales service center. And then, replace or return the card to the dealer from which you purchased the card.

[Insert the MicroSD]
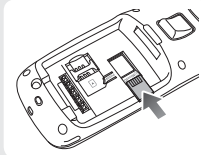
Please push the MicroSD with facing up toward the arrow.

[Remove the MicroSD]
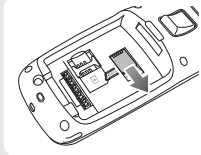
When you push MicroSD deeply toward inside by finger, it will come out and take that part out.

4 About battery

Standby time : at least 84 hours
Talk time : at least 4 hours
Capacity : 2260mA (Standard Battery)

Charging indication lamp

[Battery operating time]

Operating time	Extended battery
Continuous talk time	At least 4 hours
Continuous standby time	At least 84 hours

[Battery charging time]

Charging time	Extended battery
Time	Within 3 hours

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Learning Basics

※ In order to prevent damage of battery power, the modem is switched off automatically. Please charge the battery.

※ The continuous talk time and standby time are measured under the actual environment, but may vary depending on the usage type.

[Charging status indication]

	In charging	Charging finished
Charging lamp	Red	Green

※ The charging indication lamp on the desktop charger and the terminal are switched to green when charging is finished. The battery will not be damaged if charging is continued.

※ The time required for charging is depending on the charging status. If the charging time gets shorter by half, you need to purchase a new battery.

⑤ Switching On/Off power

Power Button

- The [Power] button is located on the right side of the product.

- The **[Power]** button should be pressed shortly.

- If the **[Power]** button is pushed for more than 3 seconds, the LCD Back Light will turn On/Off.

- Even when the power is turned off, if the GSM modem is turned on the PDA will also power on automatically so you can answer the phone.

6 Communication status indication

For the terminals which support WCDMA communication, you can view the GSM or WCDMA 1xEVDO communication status with the [Communication status indication lamp] on the upper right side of the terminal.

Communication status indication lamp

For the terminals which support GSM communication, the lamp indicates the GSM communication status.

For the terminals which support WCDMA 1xEVDO, the lamp indicates the WCDMA 1xEVDO communication status.

※ The wireless LAN status is not indicated with the lamp.

7 Adjusting screen

You can set the stylus pen input value on the LCD screen.

Setting screen
Start ▶ Settings ▶ System ▶ Screen ▶ Align Screen

Point the target in the center of the screen with the stylus pen. As the target moves to left top, left bottom, right bottom and right top, point the target accurately.

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Learning Basics

8 Using stylus pen

Use a stylus pen to select/execute/move a target on the screen. The stylus pen is attached in the top right of the terminal.

Tap
You can touch icons on the screen with the stylus pen to select or execute the icon as you click the left mouse button.

Drag
Used to select multiple items. You can select characters or images as you drag the mouse pointer.

Tap and Hold
Used to view the functions of the selected item. If you tap and hold with the stylus pen, a menu pops up as you select an item and click the right mouse button.

9 Resetting terminal

Reset button

Press the **[Reset]** button on the front of the terminal slightly with the stylus pen.

⚠
- If there is a collision between programs or a program is stopped due to an unexpected situation, you may use the soft reset function.
- It is like rebooting a computer. Any information that is not saved is lost.

⑩ Hard—resetting

Holding [c ENT] Button for 5 seconds after
◯ Reset Button.

⚠
- Hard-reset is used when the terminal doesn't respond to soft-reset. Hard-reset initializes the terminal to factory default.
- In case of hard-reset, please be aware that every data gets eliminated except for the datas that are saved in Program store.
- Bluebird Soft assumes no responsibility for loss of data and program. Therefore, you should back up critical data and programs before hardresetting the terminal.

Using USB Cable

Start ▶ Settings ▶ Connections ▶ USB to PC

You can use various USB peripherals connected with the terminal by selecting [Use advanced network function].

This menu is enabled as the peripherals are connected with the terminal through USB cables.

[USB to PC] increases consumption of battery power. You can save battery by deselecting this function when you don't use any peripherals.

Connecting ActiveSync

1 Installing ActiveSync

⚠

- This is based on Microsoft ActiveSync 4.5 English Version.
- If you use a different version, it may differ from the instructions of the manual.
- You may download the most recent version from the Microsoft website.
- Windows Vista user requires to install the Windows Mobile Device Center not ActiveSync.

① Download [Microsoft ActiveSync] from the website of Microsoft, and install the program in the PC.

Microsoft ActiveSync 4.5	☒
Microsoft ActiveSync 4.5	
Welcome to Microsoft ActiveSync 4.5 Setup	
Click Next to install Microsoft ActiveSync 4.5 on your computer.	
	< Back Next > Cancel

Connecting ActiveSync

② On the [License Agreement] window, select
   <Agree> ▶ On the [Customer Information]
   window, fill in the <User Name> and <Company>
   field ▶ On the [Target Folder] window, select the
   <Installation Location>.

③ The [Microsoft ActiveSync] is installed when
   installation process is ready.

④ The [Microsoft ActiveSync] program is installed.
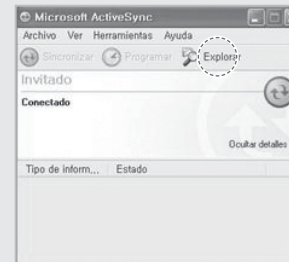
② Using ActiveSync

⚠️
- The screenshots are for the [Windows Mobile] version. The images may vary depending on the version of the software.
- You must connect the terminal to PC or notebook first to use [MicroSoft ActiveSync]. You can copy/paste files, or install/uninstall programs through synchronization with the terminal.
- USB cables are sold separately. Please contact the Customer Care Center if you wish to buy one.

① The terminal with the computer through the <20pin USB cable>.

⚠️ Please do not use both <20pin USB cable> and <Mini USB cable> at the same time. It might cause the failure.

② When the terminal is connected with the computer successfully, the [Microsoft ActiveSync] program is started automatically. Click the [Search] button.

Connecting ActiveSync

③ The <Mobile Devices> folder shows the image, music or document folders in the terminal. You can save the files in the computer.
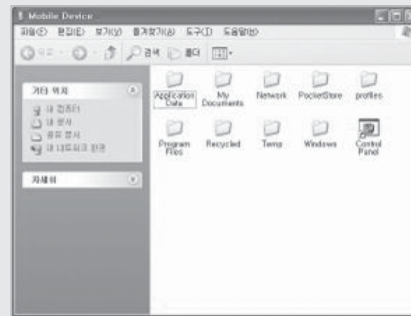
[Precautions in using ActiveSync]

- **The message "Unknown Device" pops up after the computer detects the USB device**
  This message may be displayed when you switch on the terminal as it is mounted on the <20pin USB cable>. If you dismount the terminal and then mount it back to the <20pin USB cable>, the ActiveSync program works properly.

- **The message "Connecting…" continues**
  Dismount the terminal from the <20pin USB cable> to disconnect it from the computer.
  On [ActiveSync], select File ▶ Set Connection ▶ <Allow USB Connection>, and then, click **[OK]** button. Connect the terminal again.

- **If connection attempts continue to fail and the message "Unknown Hardware Device" pos up**
  Abnormal status of the USB host in the computer may result in connection fail.

Remove the terminal from the <20pin USB cable>, reboot the computer, and then, return the terminal to the <20pin USB cable>.

• **The terminal does not work when you remove and return the battery**
To prevent this problem, you should press the **[Send]** button or select **[End]** button in the Start menu with the stylus pen so that Windows Mobile (or Windows CE) should "Exits System" before you remove the battery.

If you had to remove the battery due to an unavoidable situation, and the terminal does not work properly, press the **[OK]** button and the **[Reset]** button at the same time for hard-reset.
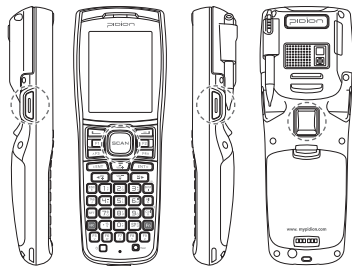
Note that hard-resetting deletes data from the memory. Only the data in the file storage are preserved.

Using Barcode Reader

1 Using Scanner

Press the **[Front Scanner], [Back Scanner]** or **[Side Scanner]** button to start scan a barcode.
The scanned barcode information is automatically saved in the PDA.

Scanner Button

2 Scanning Barcode

To scan a barcode, keep a distance of about 10 cm between the barcode and the barcode scanner window and scan the barcode at the correct angle.

Correct Scan Angle

⚠ To use a barcode in a specific program, contact the manufacturer of the specific program.