

ATTACHMENT E.

- USER'S MANUAL-

USER'S MANUAL

nBody-EP

CAS Corporation

U.S.A.

U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT INFORMATION TO THE USER

NOTE : 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 of a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Connecting of peripherals requires the use of grounded shielded signal cables.

nBody Expert (nBody-EP)

Instructions Manual

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The products of CAS operate a policy of continuous changes and improvements. Therefore, we reserve the right to make modifications and changes to this manual without prior notice.

CAS is not responsible for any loss of data or for any incidental, or consequential damage howsoever caused.

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Welcome

We would first like to thank you for purchasing nBody Expert(nBody-EP), diet monitoring system, from CAS Corporation.

The innovative nBody-EP is an effective method through a PC connection for measuring and analyzing the changes in your body. NBody-EP can manage different information that affect your health and body through database for long-term and short-term analysis. We are certain that you will be pleased with the weight monitoring system with enhanced features such as nutrition and fitness information. This will help you obtain better quality of life and healthier life style. Take a few minutes to browse through this instructions manual so you know what it contains. We've done our best to give you an accurate and easy method of using nBody-EP through this manual, but if you still have questions regarding the use of nBody-EP, please feel free to contact your local nBody-EP authorized dealer sales or service representatives.

You can also visit us at our website at www.nbody.co.kr.

Use nBody-EP to shape and manage for a healthier and balanced appearance at your home today.

Precautions before using nBody-EP

It is not possible to measure weight through nBody-EP without a computer connection.

Please be aware that nBody-EP is not an ordinary weight scale.

1. Install nBody-EP-measuring device on a flat, stable surface that is free of vibration.
2. In case your hands or feet are wet after connecting nBody-EP measuring device to your computer, do not touch other electric appliances or stand on the device. As in any electronic device, there is a danger of being struck by electricity.
3. The cable connected to the nBody-EP measuring device is detachable. Therefore, it is dangerous to lift the device holding the cable only. When moving nBody-EP measuring device, make sure you hold the main body of device.
4. Do not insert or extract the cable of nBody-EP measuring device unnecessarily. It can cause trouble to the cable connector.
5. It is important that your computer is using a safe multi-outlet to prevent electric shock in case of electric leakage.
6. Do not install nBody-EP in the area with high magnetism and electric wave. Unstable AC power could be the cause of error.

Precautions while measuring

1. Make sure that the nBody-EP measuring device is installed on a flat, stable surface that is free of vibration.
2. Do not attempt to weigh exceeding the maximum weight on nBody-EP measuring device.
3. Do not shock or apply excessive force to nBody-EP measuring device physically. Avoid tumbling of objects.
4. Do not leap onto or jump on top of nBody-EP measuring device. There is a possibility of causing serious injury if you lose balance.

Care and Maintenance

1. Use a soft piece of cloth to clean nBody-EP measuring device. Avoid soaking the interior of the device.
2. Do not expose the device to extreme heat. It may damage the device and cause fire.
3. Do not make any changes or modifications to the equipment unless otherwise specified in the Instructions Manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.
4. Repairs to certified equipment should be made by an authorized maintenance facility designated by the supplier. If you need a repair, please inquire at your nearest CAS dealer or nBody-EP business office. Do not attempt to repair nBody-EP. There is a possibility of electric shock or other injuries and furthermore, the nBody-EP will not be responsible for warranty.

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Preparations

1. Making sure everything is in the box

Check to make sure you have everything that's shown and listed below.

- ✓ One nBody-EP measuring device
 - ✓ One nBody-EP client software CD
 - ✓ One USB cable
 - ✓ One nBody-EP measuring tape
 - ✓ One height measuring sheet
 - ✓ Two sets of Color wings
 - ✓ One nBody-EP manual
 - ✓ One product installation easy guide
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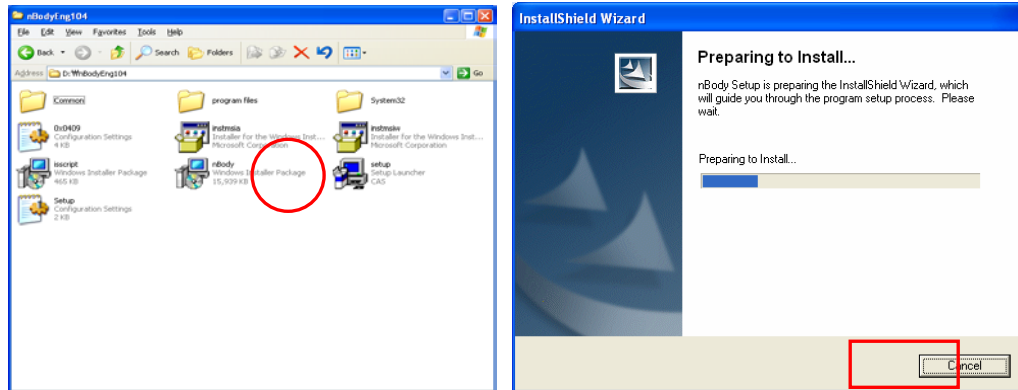


2. Installation of nBody-EP measuring device

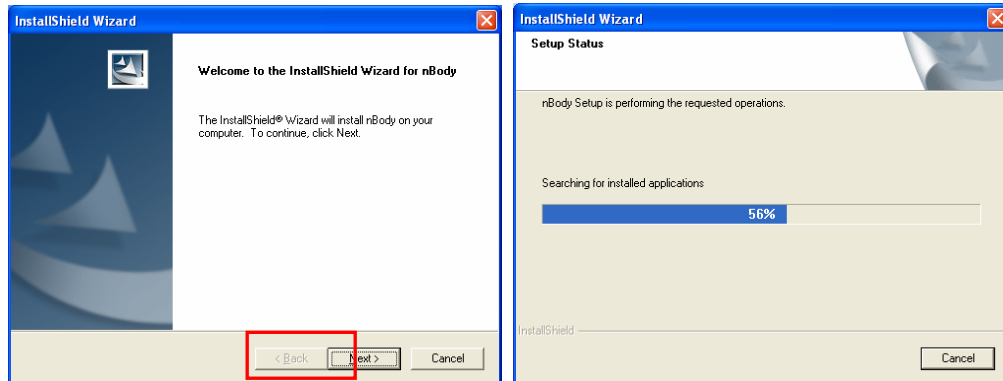
- Step 1. Confirm the items provided from nBody-EP.
- Step 2. Place the nBody-EP device on a plain, firm, tremor-less surface.
- Step 3. Plug in *USB A type* into the USB Port of the back of PC body.
- Step 4. You will be able to see the red light when the nBody-EP measuring device is properly connected.

3. Installation of nBody-EP Client Program

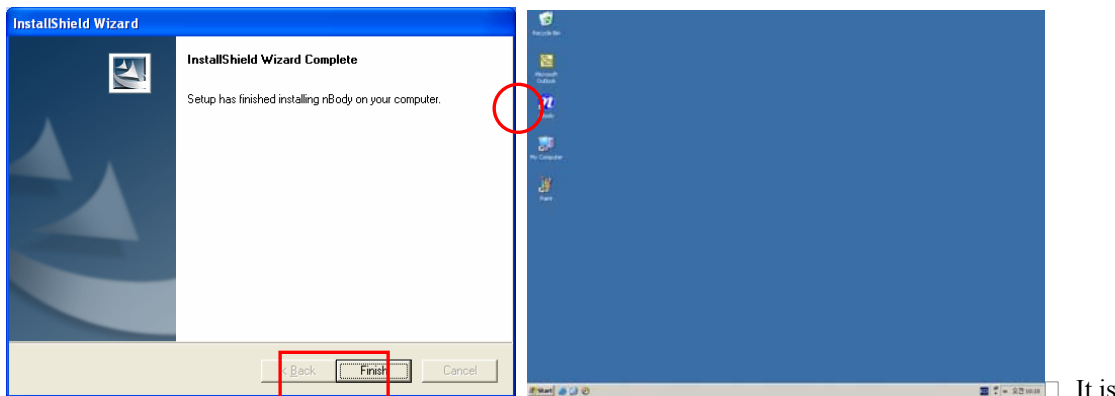
1. Installation wizard program will be launched automatically when you insert the CD-ROM supplied in the nBody-EP package. If the autorun does not run, you must install the software manually. Double click **setup.exe** in your CD-ROM drive window to begin installation.



2. The sequence of the installation is shown below. To continue, click **next (N)**.



3. Click **OK** to complete installation. A new nBody-EP shortcut icon will be created in your desktop. Double click on the icon to run the program.



It is important not to change the link of the nBody-EP folder after installing the program. (C:\Program Files\CAS\nBody-EP)
If the link is changed, the program will not operate properly.

4. Names and functions of nBody-EP client main screen (1~17)



- **Current weight**
 - Current weight is represented with the accuracy of hundredth decimal pound units.
 - You will be guided by the message board □ in the main screen and by sound when measuring your weight.
- **Current Body Mass Index (BMI)**
 - Body Mass Index is determined by the current weight and personal measurements you have entered.
- **Standard body weight**
- **User Information**
 - Simply selecting your user ID, instead of having to go through login process.
 - Sex, name and age information are automatically loaded when user is selected.
- **User administration**
 - Click this icon to input general user information such as user name, sex, age, target weight, height and other general information.
- **Body Record**
 - The Body Record is shown in the right side of the User administration window.
 - The units in the Body Profile can either be in ‘cm’ or ‘Inch’, and the omitted contents can be inserted additionally by clicking Modify.
- **Dressed mode**
 - Entered a rough estimated weight of your clothes and the clothes weight will be automatically subtracted when measuring your weight.
- **Infant mode**
 - This is a convenient and a safe method to weigh a baby. An adult is first informed to measure the weight and then informed to hold the baby standing on the nBody-EP measuring device. The weight of the baby is

simply calculated by the difference between the two values.

Message window

- This window guides you when using nBody-EP indicating procedural information and the status when measuring your weight.

Body Profile

- Window that confirms the your body profiles that have been entered in the course of registration.

Options

- You are able to select your skin and modify additional functions such as user's mode options and auto exit mode.

Chart/Graph

- You are able to view various graphs and data charts showing periodical progress towards your targeted weight. Additional information such body mass index (BMI) and waist to hip ratio (WHR) are shown.
- You can print out the graph by clicking the Print.

DB back-up/ Recovery icon

- Analyzed data such as measured weight, body measure, body fat rate, and overweight rate are saved and controlled in database format, and can be backed-up and uploaded into floppy disk or hard drive.

Health Information assistant

- Your personal health information such as fitness information and nutrition information can be recorded and managed.

Go to Web

- You can visit us at our official website if you have access to the Internet. (www.nbody.co.kr)

16 Exit

- Click the exit icon to exit the main screen of nBody-EP client program. To exit the program completely, right-click the nBody-EP Load icon in the task bar and select exit.
- You can always restart the program when the nBody-EP load icon remains on the task bar by standing on the nBody-EP measuring device. Auto exit mode must be set in options.

17 Date and time window

- The date and time indicated in the window are connected to the time set in your PC. Therefore, it is important that you set the time properly in your computer in order to get the accurate date and time of when your weight has been measured.

Operations and Usage

1. Running nBody-EP client and skin modifications

- After inserting the software CD for installations, run the nBody-EP program.
- Details about product installations and directions are displayed by clicking Help.
- You can select your favorite skin from a variety of nBody-EP skins available in options.
- If you select default skin at the skin option, the program restarts with the selected skin during your last usage of the program.
- The program operates in the screen resolution of 1024*768 pixel and high color (16bits) or above.

2. Measuring your weight

- You can measure your weight by standing on the nBody-EP measuring device.
- nBody-EP measures your weight in hundredth decimal pound units.

3. User registration

(1) Registering user's data

- Step 1. Click User administration icon on the main screen.
- Step 2. Click Registration.
- Step 3. Enter user Information and body profile, and click confirm.
- Step 4. Completed.

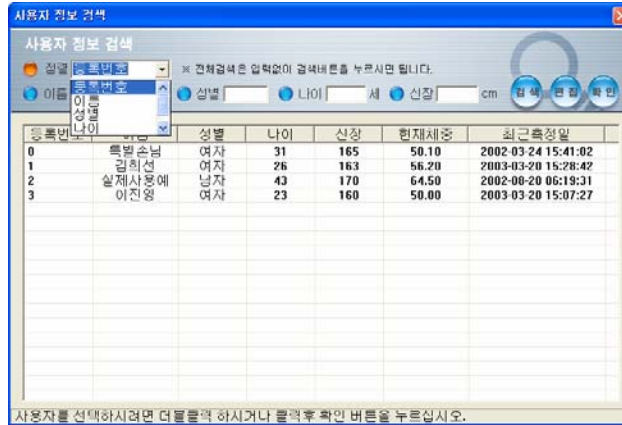


Tip.

It is possible to calculate your body information such as Body Mass Index (BMI) Waist to Hip Ratio (WHR) if your correct body profile has been inputted.

(2) Registering additional user

- Step 1. Click User administration icon on the main screen.
- Step 2. Click Registration.
- Step 3. Enter user Information and body profile, and click confirm.

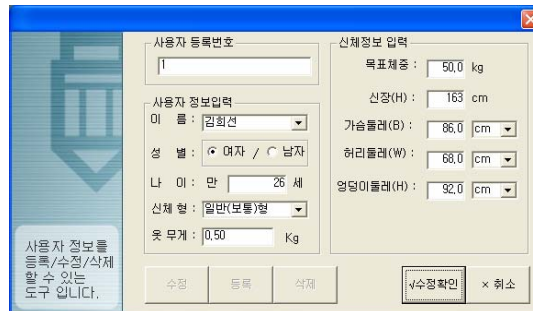


Tip.

Registered users are limited to ten users. It is possible to measure the weight of additional guests but personal data savings and analysis will not be available.

(3) Modifying user information

- Step 1. Click User administration icon on the main screen.
- Step 2. Select user's name and click Modify.
- Step 3. Edit the contents and click YES.
- Step 4. Completed.

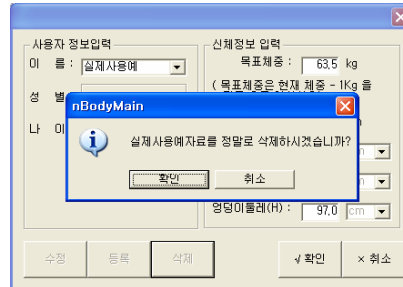


Tip.

If the body profile entries have not been completely filled out, the following message will appear. Omitted contents can be added at any time by clicking Modify.

(4) Delete user

- Step 1. Click User administration icon on the main screen.
- Step 2. Select user's name to delete and click Delete.
- Step 3. Completed.



Tip.

All data and saved information will be removed and cannot be recovered once the user is deleted.

4. Data functions and management

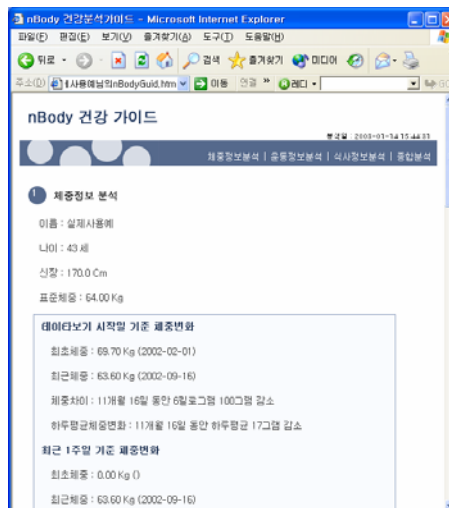
(1) Output window

- Current weight is represented with the accuracy of hundredth decimal digits, and Body Mass Index (BMI) is represented simultaneously.



(2) Message window

- After measuring your current weight, this window informs you the comparison between the past weight and target weight. The data is automatically saved in the database.



(3) Graph mode

- Step 1. Select user name and measure weight.
- Step 2. Click graph mode icon on the main screen.
- Step 3. View graphs by clicking various function keys explained in (5).



Tip 1.

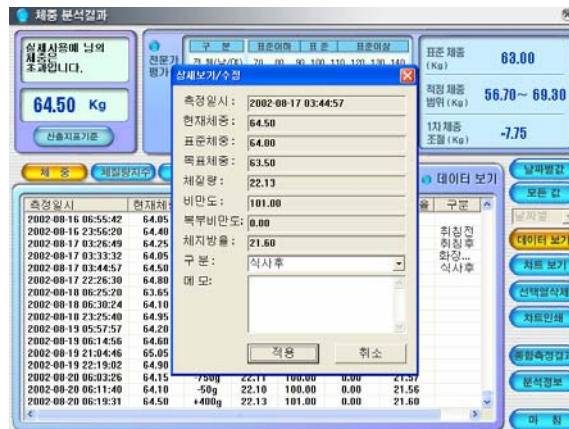
Graph of the current data shows the standard weight and the progress towards your target weight. Graphs of other categories compare your weight and rates with standard information allowing you to check your health status.

Tip 2.

You can view and print the graphs of any categories in daily, weekly or any other time scale.

(4) Data chart

- Click Data Chart icon in the graph mode and double click needed data to get detailed information towards the target weight. It is possible to leave a memo for any relevant information.



5. Health Information Administration

(1) Fitness

- Step 1. Click Health Information assistant icon on the main screen and click Fitness.
- Step 2. Enter the detailed body measurements in inch units and click insert. (It is possible to insert your desired measurements only.)
- Step 3. Click graph to view the graph of the changes of your body measurements according to your daily weight. In Diet, you can view the graph of the changes in chest , waist, and hip. In Body Building, you can view the graphs of additionally inserted measurements such as forearm, upper arm, neck, shoulder, thigh, and calf.
- Step 4. Click data chart to view the inserted measurements in spreadsheet format.
- Step 5. It is possible to edit or delete inserted data.

Tip 1.

It is recommended that you keep track of the body measurements to view the correlation of your body sizes with the changes in your body weight. From this correlation, you can easily tell which parts of your body are making progress in keeping you in healthy shape.

(2) Medical Information

- Step 1. Click Health Information assistant icon on the main screen and click Medical Information.
- Step 2. Enter systolic pressure (highest number), diastolic pressure (lowest number), and heart rate and click insert.
- Step 3. Click graph to view the graph of the blood pressure according to your daily weight.
- Step 4. Click data chart to view the inserted measurements in spreadsheet format.
- Step 5. It is possible to edit or delete inserted data.

Tip 1.

The medical information will inform you with the correlation of the changes in your weight and medical measurements. It is recommended that you keep track of the measurements to prevent you from stroke or any heart related disease.

System requirements

nBody-EP is operated in Window XP/2000/ME/98SE.

System requirements for executing nBody-EP is as follows:

- ✓ IBM compatible PC
- ✓ 256MB of RAM
- ✓ VGA Graphic card
- ✓ 500MB of available hard disk space
- ✓ Window XP/2000/98SE
- ✓ CD-ROM drive (over 8X)
- ✓ Mouse

Basic specifications

Item	Description
Available PC	IBM Compatible DeskTop PC, Notebook & Sub Notebook
Operating system	Windows 98SE, Windows 2000, Windows XP
Interface	USB Spec. is based on 1.1, 2.0
Measurable range	11 lbs ~ 330 lbs
Unit	Hundredth decimal pounds
Weight	27.56 lbs
Size	420 x 510 x 112 (W*D*H) mm
Consuming current	30mA Maximum
Power	Powered through USB BUS (BUS-Powered, separate Power is unnecessary)
Features	Equipped with Multiple precision load cell Auto-start function Auto-reset to initial zero position Connect with computer using USB Interface Data save function (Storable up to 500 persons)

Caution

It is recommended to customers to backup your data of nBody-EP periodically. In case of computer failure, you should backup your data before requesting the repair. Our company does not bear any responsibility for the loss of customer's data due to the hardware problems.

Customer service center: 82-2-2225-3702

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