

InBody Touch 24i

User's Manual



InBody User's Manual for Measurement Guide and Setup

Thank you for purchasing the InBody.
This user's manual describes all the features of the InBody.
Please read before use and keep it in a safe place.
By following the manual instructions, you will be able to use the InBody more safely and effectively.

Headquarters Information

InBody

(주)인바디 본사 [대한민국]

06106 서울시 강남구 연주로625 인바디빌딩
TEL: 02-501-3939 FAX: 02-6919-2417 고객센터: 1899-5841
Website: inbody.com E-mail: info@inbody.com

InBody Co., Ltd. [HQ]

InBody Bldg., 625, Eonju-ro, Gangnam-gu, Seoul 06106 KOREA
TEL: +82-2-501-3939 FAX: +82-2-6919-2417
Website: inbody.com E-mail: info@inbody.com

(주)인바디

31025 충청남도 천안시 서북구 입장면 흑암길 15
TEL: 041-581-3003 FAX: 041-581-3103
Website: inbody.com E-mail: info@inbody.com

InBody Co., Ltd. [MANUFACTURER]

15, Heugam-gil, Ipjang-myeon, Seobuk-gu, Cheonan-si,
Chungcheongnam-do 31025 KOREA
TEL: +82-41-581-3003 FAX: +82-41-581-3103
Website: inbody.com E-mail: info@inbody.com

Representative & Sponsor Information

InBody Europe B.V. [NETHERLANDS]

Gyroscoopweg 122, 1042 AZ, Amsterdam, The Netherlands
TEL: +31-20-238-6080 FAX: +31-6-5734-1858
Website: nl.inbody.com E-mail: info.eu@inbody.com
Website (CS): csinbody.eu E-mail (CS): support@inbody.com

InBody Europe B.V. Niederlassung Deutschland [GERMANY]

Mergenthalerallee 15-21, 65760 Eschborn, Germany
TEL: +49-6196-76-916-62 FAX: +49-6196-76-916-11
Website: de.inbody.com E-mail: erfolg@inbody.com

InBody UK [UNITED KINGDOM]

11 Phoenix Park, Telford Way, Stephenson Industrial Estate, Coalville
LE67 3HB, United Kingdom
TEL: +44-1530-569620
Website: uk.inbody.com E-mail: uk@inbody.com

InBody Oceania [AUSTRALIA]

Main office: Level 8, 1 York Street, SYDNEY, NSW 2000, Australia
Showroom: U2/82-86 Minnie Street, Southport, Queensland
TEL: +61-7-5681-1900
Website: au.inbody.com Email: oceania@inbody.com

InBody USA [USA]

13850 Cerritos Corporate Dr. Unit C Cerritos, CA 90703 USA
TEL: +1-323-932-6503 FAX: +1-323-952-5009
Website: inbodyusa.com E-mail: info.us@inbody.com

InBody BWA Inc. [USA]

2550 Eisenhower Avenue, Suite C 209, Audubon, PA 19403
TEL: +1-610-348-7745
Website: inbodybwa.com E-mail: bwainquiries@inbody.com

株式会社インボディ・ジャパン [JAPAN]

〒136-0071 東京都江東区亀戸1-28-6 タニビル
TEL: 03-5875-5780 FAX: 03-5875-5781
Website: inbody.co.jp E-mail: inbody@inbody.co.jp

拜斯倍斯医疗器械贸易（上海）有限公司 [代理人及售后服务] [CHINA]

代理人地址：上海市闵行区虹莘路3999号上海万象城MT2写字楼
306b-308室
电话：+86-21-6443-9705 传真：+86-21-6443-9706
网站：inbodychina.com 电子邮箱：info@inbodychina.com

InBody Asia [MALAYSIA & SINGAPORE]

Unit 3A-11, Oval Damansara, 685 Jalan Damansara Kuala Lumpur, WP
KL 60000 Malaysia
TEL: +60-3-7732-0790 FAX: +60-3-7733-0790
Website: inbodyasia.com E-mail: info@inbodyasia.com

Biospace Latin America [MÉXICO]

Insurgentes Sur 1457, Piso 15 Int.2. Col. Insurgentes Mixcoac, Alcaldia
Benito Juarez, C.P. 03920, Ciudad de México, México
TEL: +52-55-5025-0147
Website: inbodymexico.com E-mail: info.mx@inbody.com

InBody India [INDIA]

57/57 A, 1st Floor, Raj Industrial Complex, Military Road, Marol, Andheri
(East). Mumbai- 400059, Maharashtra, India
TEL: +91-22-6223-1911
Website: inbody.in E-mail: india@inbody.com

Copyright

Reproduction, adaptation, or translation of this manual is prohibited without prior written consent from InBody Co., Ltd., under the copyright laws. This manual might have typographical errors, and its content can be changed without a prior notice. InBody Co., Ltd., shall not be liable for any errors, incidental, or consequential damages that occurred by not complying with the content of the User's Manual. Visit our website inbody.com to view and download further information about the functions of the BWA2.OS, the explanation of results output, and more. InBody Co., Ltd., reserves the right to modify the appearance, specifications, and etc., of the BWA2.OS to improve the quality of the device, without prior notice for reasons of performance improvement.

©2024 InBody Co., Ltd., All rights reserved.

Table of Contents

1	Safety	4	6	Device Warranty	12
	1.1 Safety Symbols in the User's Manual	4		6.1 Warranty Period	12
	1.2 Precautions for Use	4		6.2 Paid Service	12
2	Device Overview	5	7	Classifications and Specifications	13
	2.1 Device Components	5		7.1 Classifications	13
	2.2 Names of Each Part	5		7.2 Symbols Used on the Device	14
3	Installation	7			
	3.1 Installation Environment	7			
	3.2 Installation Instructions	7			
	3.3 Assembly Instructions	7			
4	Transportation and Storage	10			
	4.1 Transportation Precautions	10			
	4.2 Repacking Instructions	10			
	4.3 Storage Environment	10			
5	Frequently Asked Questions(FAQ)	11			
	5.1 Regarding the Device	11			

1 Safety

1.1 Safety Symbols in the User's Manual



Warning

Failure to comply with safety warnings and regulations can cause serious injury or death.



Caution

Failure to comply with safety cautions can cause inaccurate results or property damage.

1.2 Precautions for Use



Caution

- **Disassembly and Modification of the Device**
Unauthorized disassembly or modification may cause the device to malfunction and could result in penalties for future after-sales service.
- **Avoid Placing It Near Magnets or Magnetic Fields**
Contact with a strong magnetic object can cause device malfunction and failure.
- **Handle With Care to Prevent Damage from Drops or Impacts**
Excessive force or impact may cause damage to the device.
- **Avoid Using the Device in High-Temperature Environments**
Installing the device in excessively hot locations may cause damage or impair functionality. Keep it away from heaters, stoves, and other heat sources to prevent malfunctions.
- **Environmental Precautions**
Do not expose the device to moisture or excessive humidity, as this may cause damage or create electrical hazards.
- **Safety Concerns with Non-Genuine Accessories**
Using incompatible or modified accessories can damage the device and create safety risks.

Class A Device

This device is an Electromagnetic Compatibility (EMC) Class A device intended for commercial use and is designed for indoor use only.

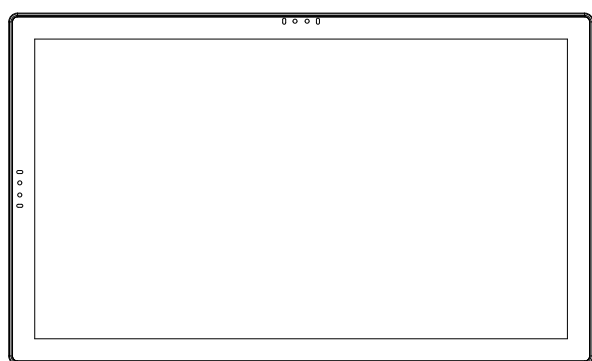
- This wireless device may cause radio interference and is not suitable for services related to human safety.
- Recommended Operating Temperature: 10 °C - 40 °C (50 °F - 104 °F). Humidity: 30 % - 75 %. Avoid environments with condensation.

2 Device Overview

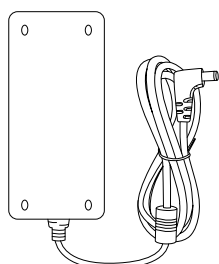
2.1 Device Components

The device consists of the following components. Make sure all of the following components are present.

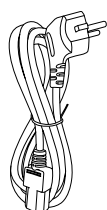
* Please check for any damage to the parts prior to installation.



InBody Touch



Adapter 12 V 3 A



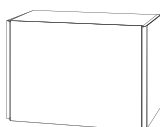
AC Cable (EU)



AC Cable (U.S.)



VESA Screw 4 M



Accessory Packaging Box



Remote Control

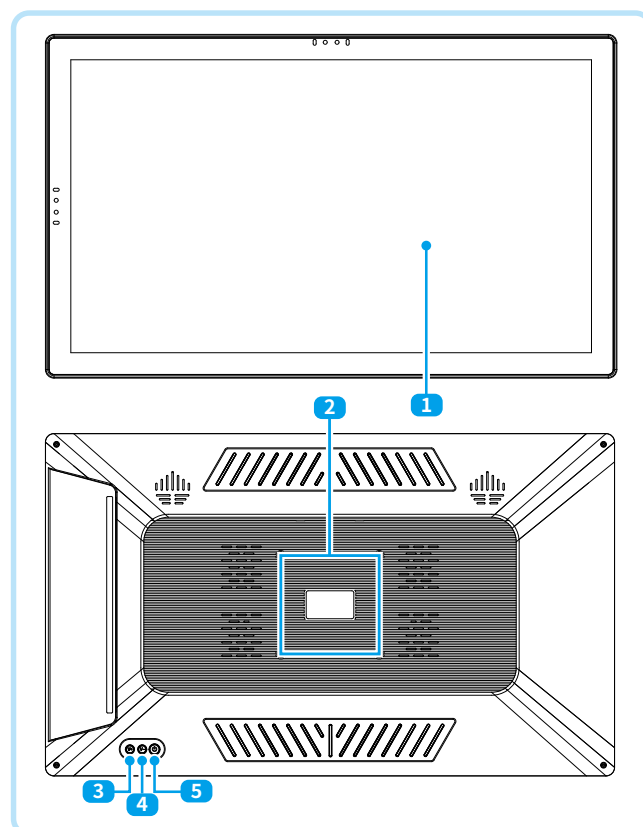


AAA Battery

2.2 Names of Each Part

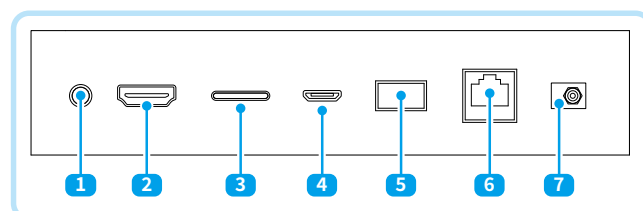
The names of each part of the InBody Touch are as follows.

Device Exterior



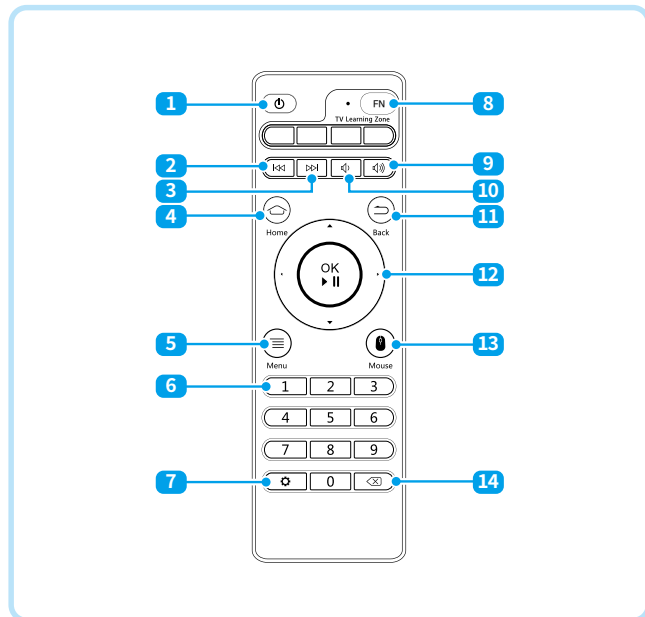
- 1 Display
- 2 100 x 100 VESA Hole
- 3 Volume +
- 4 Volume -
- 5 Power Button

Main Connector Box



- 1 AUX
- 2 HDMI
- 3 TF Card
- 4 OTG
- 5 USB
- 6 Ethernet
- 7 DC-IN

Remote Control Instructions



- 1 Power Button:** 1. Press briefly to switch to sleep mode
2. Press and hold to turn off the power
- 2 Previous Button:** Press to play the previous file
- 3 Next Button:** Press to play the next file
- 4 Home Button:** Go to the home screen
- 5 Menu Button:** Access settings and options
- 6 Numeric Buttons:** Input numbers
- 7 Settings Button:** Go to the settings screen
- 8 FN Button:** Copies functions from your TV remote
- 9 Volume Down Button:** Decrease the volume
- 10 Volume Up Button:** Increases the volume
- 11 Back Button:** Go back to the previous menu or page
- 12 OK Button:** Select the desired icon or file, then press the button to execute
- 13 Mouse Button:** Mouse mode ON/OFF
- 14 Delete Button:** Delete the typed text

3 Installation

3.1 Installation Environment

Check the environment before installing the device. This device is recommended for indoor use only. If outdoor installation is needed, the following requirements must be met.

Temperature	10 - 40 °C (50 - 104 °F)
Relative Humidity	30 - 75 % RH (No Condensation)
Atmospheric Pressure	70 - 106 kPa

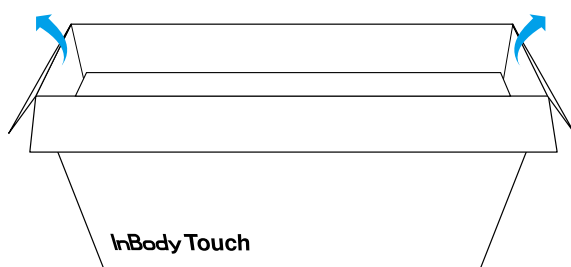
3.2 Installation Instructions



Caution

- Using the device in a dry environment or on a carpet may result in static electricity and damage the device. Use an antistatic mat when installing in an environment prone to static electricity.
- Install the device on a flat, stable surface. Uneven surfaces may cause the device to tip over when touched.
- Do not use detergent to clean the device. Liquid cleaners can damage the device. Instead, use an alcohol-based disinfectant like 70% ethanol.
- Always have at least two people carry the device due to its weight. The upper part of the device is heavier than the bottom.
- For transportation to events or for service, keep the original packaging box provided by the company.

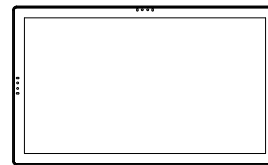
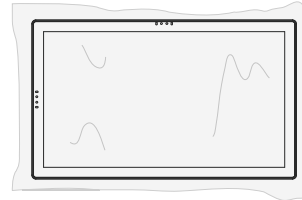
- 1 Open the box and carefully remove the device. It is recommended to lift it by reaching in and grabbing it from the bottom, rather than pulling from the top.



InBody Touch Box

- 2 Place the device horizontally on a flat surface. Then, remove the protective packaging vinyl.

Protective Packaging Materials



Caution

- Avoid holding the LCD screen when transporting the device.
- Keep the provided packaging materials for future transport or storage. Dispose of any other waste materials according to local regulations.
- Due to its weight and size, the device should be carried by at least two people to prevent personal injury and damage to the device.

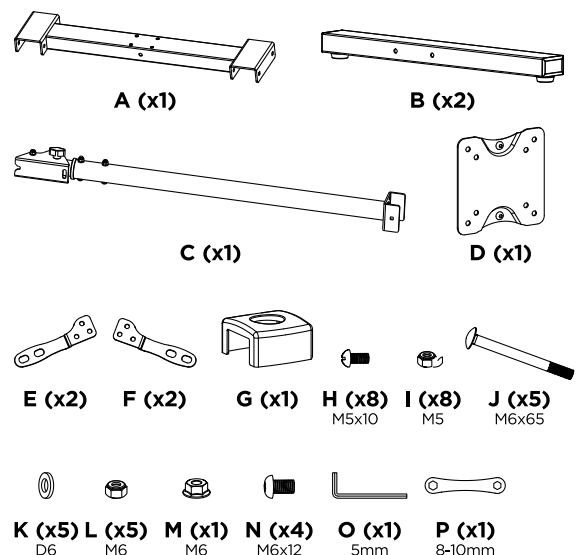
3.3 Assembly Instructions

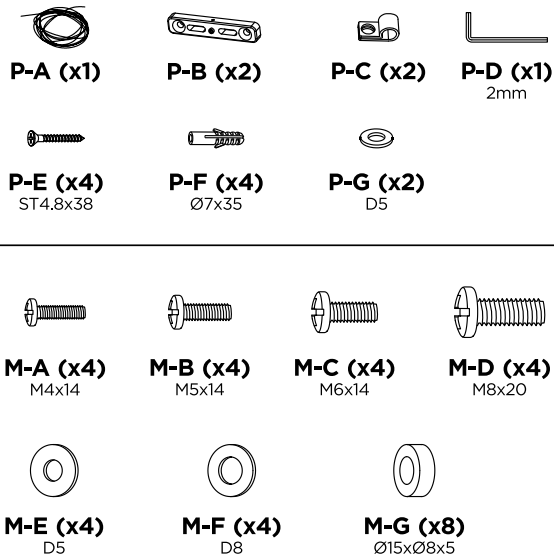


Note

- The bolts provided with this device for tightening the monitor are standard components commonly used. We do not provide bolts that fit all TVs and monitors. If the supplied bolt specifications do not fit, please purchase bolts that are suitable for your TV and monitor.

- 1 Check the components.

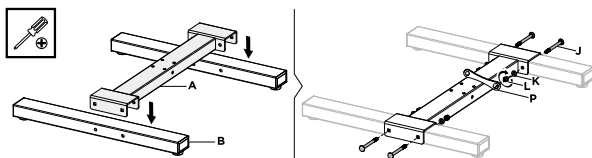




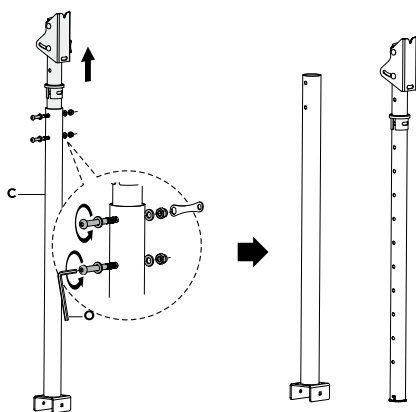
⚠ Caution

This component should be used with the device, and a tip prevention kit is included to prevent the device from falling. Please install the safety components correctly according to the included information. The seller is not responsible for any severe, indirect, punitive, incidental, or special consequential damages to property or life resulting from any use or misuse of the device.

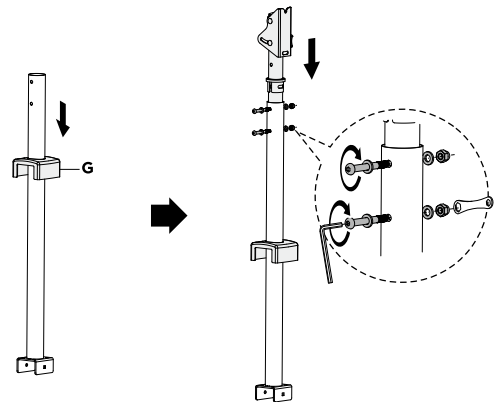
2 Assemble the bottom support bar.



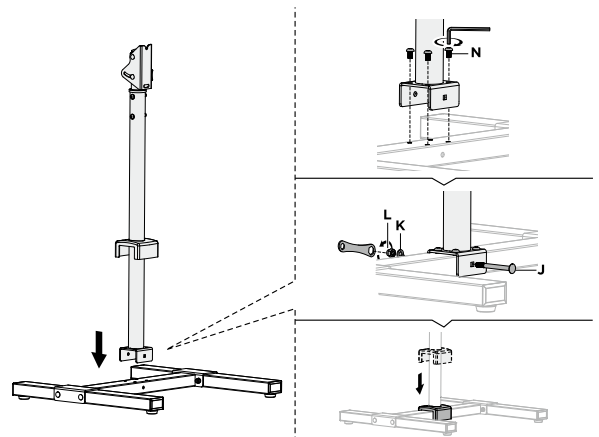
3 Separate all the screws that are fastened to the center bar.



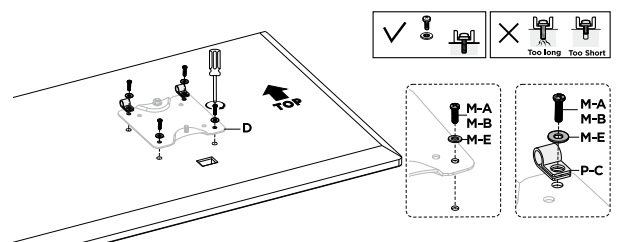
4 Connect all the bolts that are separated from the center bar. : Insert the cover (G) and then assemble the center bar.



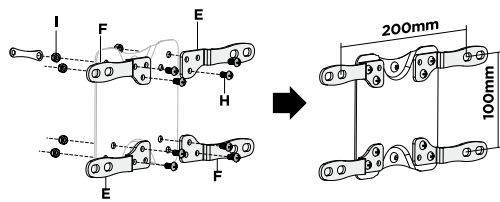
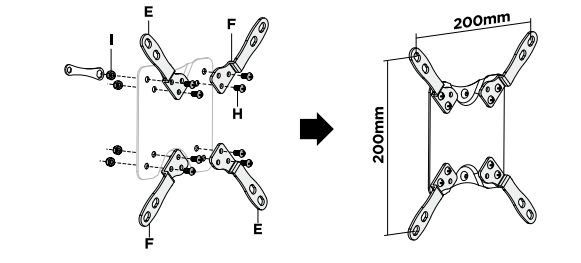
5 Assemble the center bar into the bottom support bar.



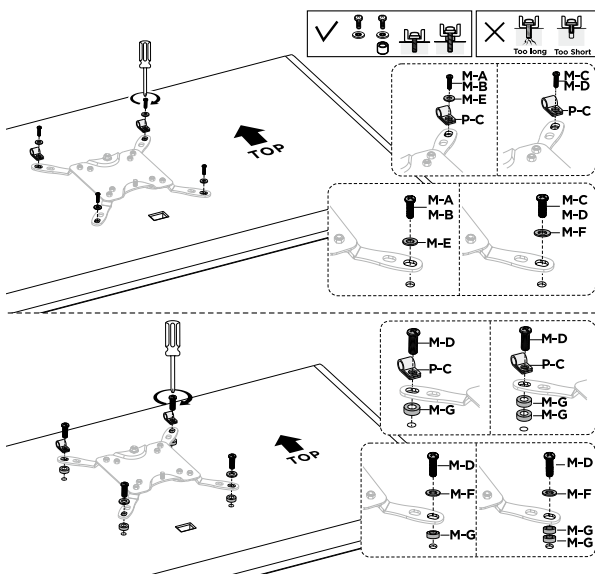
6 Assemble the mount plate onto the monitor.



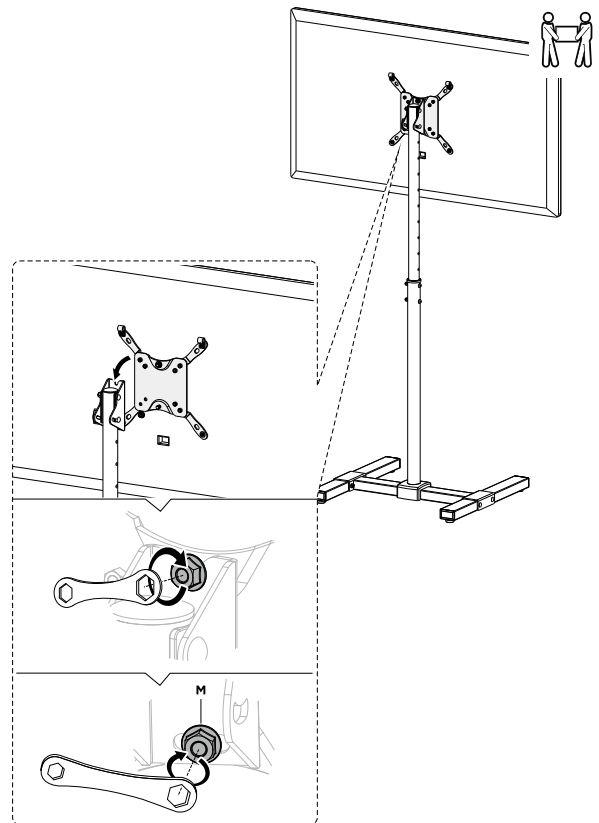
- 7** If the mount plate does not fit into the monitor's VESA hole, adjust it by attaching a VESA adapter to the mount plate that fits the VESA hole size.



- 8 Assemble the mount plate with the VESA adapter attached onto the monitor.



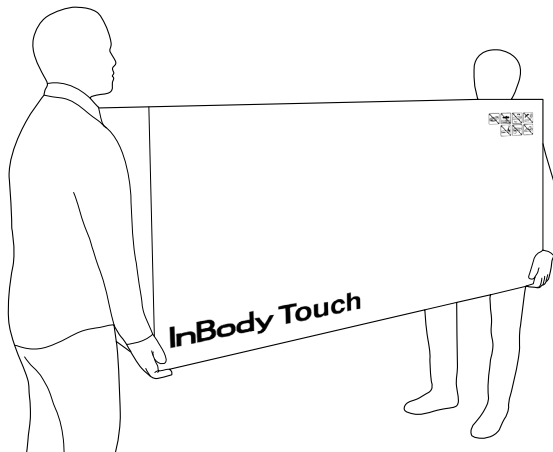
- 9** Assemble the mount plate to the top of the stand.
(For larger monitors, please install this with at least two people for safety.)



4 Transportation and Storage

4.1 Transportation Precautions

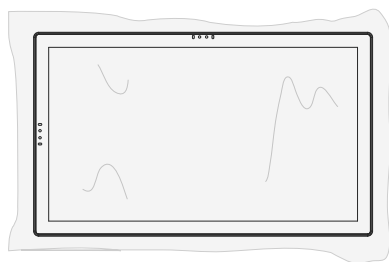
To transport the device safely, at least two people should carry the device horizontally as shown below.



4.2 Repacking Instructions

Once the device is installed, avoid moving it around. If the device needs to be transported, follow the steps below to repack it.

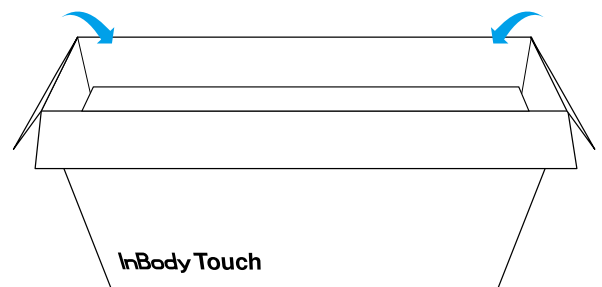
- 1 Turn off the device.
- 2 Disconnect all adapters and cables.
- 3 Wrap the device in protective packaging vinyl.



Caution

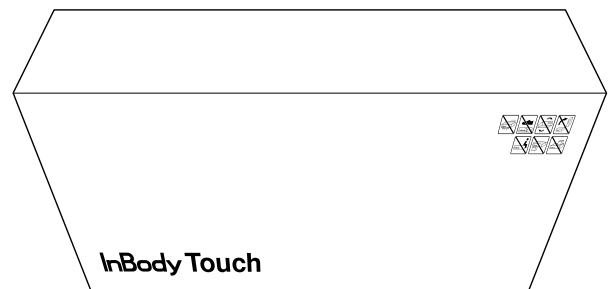
When repacking the device, use the protective packaging materials provided by InBody Co., Ltd.

- 4 Put it in the device box.



InBody Touch Box

- 5 Seal the packing box.



InBody Touch Box

4.3 Storage Environment

The device should be transported or stored under the following conditions.

Temperature	-10 - 70 °C (14 - 158 °F)
Relative Humidity	10 - 80 % RH (No Condensation)
Atmospheric Pressure	50 - 106 kPa

5 Frequently Asked Questions(FAQ)

Frequently asked questions and answers about the device are listed below. For any additional issues or inquiries outside of this FAQ, please contact InBody Co., Ltd.'s customer service. Please contact InBody Co., Ltd.'s customer service at +1-323-932-6503 if confirmation is not possible.

5.1 Regarding the Device

If any issues occur while using the device, please refer to the following questions and answers.

Question: Do I need to connect to the internet?

Answer:

- The device can be used without an Internet connection. However, for additional functions like app updates and recommendations, a wireless (Wi-Fi) or wired network connection is required.

Question: How do I input characters?

Answer:

- You can input characters using the on-screen keyboard with a mouse or the remote control. You can also connect an external USB keyboard for input.
- Additionally, you can input data by directly touching the on-screen keyboard.

Question: Is it possible to change the resolution?

Answer:

- Our device is optimized for a resolution of 1080 x 1920 and does not support changes to this resolution.

Question: Why is the available memory capacity lower than the total memory?

Answer:

- Some of the memory is allocated for the operating system and software. Therefore, the available memory will be less than the total memory. In addition, the available memory will vary according to usage and software updates.

6 Device Warranty

6.1 Warranty Period

Main Body: Free repair available for 12 months (1 year) from the date of purchase

6.2 Paid Service

Warranty will not be provided if the device is modified or damaged under the following circumstances.

- Failure caused by user error or negligence
- Unauthorized disassembly or modification of the device
- Damage or malfunction resulting from impact
- Damage or malfunction due to natural disasters such as fires, earthquakes, flooding, etc.
- Corrosion caused by flooding or contamination from debris
- Failure due to misuse of peripherals not provided with the device
- Device memory damage resulting from negligence during firmware upgrades
- When the warranty has expired

7 Classifications and Specifications

7.1 Classifications

Specifications



Model	InBody Touch 24i
Inches	24 Inch
Dimensions	578 (W) x 348 (H) x 43 (D) : mm 22.7 (W) x 13.7 (H) x 1.69 (D) : in
Weight	4.2 kg (9.25 lb)
Power Input	AC 100V - 240 V~, 50 - 60 Hz, 1.5 A
Power Output	DC 12 V $\overline{\text{---}}$, 3 A
CPU	Dual - Core, Cortex A72 1.8 GHz and Quad - core Cortex - A53 1.5 GHz
GPU	ARM Mali -T864 GPU
MEMORY (RAM / FLASH)	LPDDR3 RAM 4 GB / EMMC 5.0 32 G (64 G optional)
Resolution	IPS 1080 p
Screen Brightness	300 cd
Ethernet	GIGA Ethernet LAN RJ45
Wi-Fi	Wi-Fi 2.4 GHz / 5.8 GHz
Multimedia	4K H265 / H264 video decoders, 1080P other video decoders (VC-1, MPEG - 1 / 2 / 4, VP8), 1080P video encoder for H.264 and VP8, Video post processor: de-interlace, de-noise, enhancement for edge/detail/color
Video Codec	4K VP9 and 4K 10bits H265 / H264 video decoding, up to 60fps, 1080P multi-format video decoding, (WMV, MPEG - 1 / 2 / 4, VP9, H265, H264) 1080P video coding, supports H264 / H265
Video Format	MKV, WMV, MPG, MPEG, AVI, MOV, ISO, MP4, RM, JPG
Audio Format	MP3, WMA, AAC, WAV, OGG, AC3, FLCA
Connection	USB 2.0 / Ethernet
Bluetooth	IEEE 802.11 a / n / ac, 2.4 GHz, 5 GHz / 5.0 Support
Touch	Capacitive Touch (Available)
Input Jack	USB 3.0 / USB 2.0 type 2 Port, Type - C (OTG) 10 / 100 / GIGA Ethernet LAN High - Speed EMMC extension interface Power Input (DC 12 V 3 A)

Output Terminal	Internal Speaker HDMI (Video / Audio Integration)
Wireless Signal	Wi-Fi Reception Support (2.4 GHz / 5.8 GHz)
Image Support	JPG, JPEG, MJPEG, PNG, GIF
Supported Languages	All languages supported on Android, including Korean, English, German, and others
Operation Environment	10 - 40 °C (50 - 104°F), 30 - 75 % RH, 70 - 106 kPa
Storage Environment	-10 - 70 °C (14 - 158°F), 10 - 80 % RH, 50 - 106 kPa (No condensation)



* This device has been certified for use in a commercial environment. Using it in a residential environment may cause radio interference.

7.2 Symbols Used on the Device






Safety Symbols


	Refer to the user's manual before using the device
	Warning / Caution

Certification Symbols

	E115696 Complies with UL 62368-1 CSA C22.2 No. 62368-1
	European Conformity

Other Symbols

	Power Supply
	Power Off
	Manufacturer
	Serial Number
	Authorised representative in the European Community

 Disposal of old Electrical & Electronic Equipment (Application in the European Union and other European countries with separate collection system.) This symbol indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling this product, please refer to local governing ordinances and recycling plans.



FCC ID: F60IBTOUCH24I
IC: 22967-IBTOUCH24I

FCC statement

Note : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

*This product complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.



Warning

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS. Operation is subject to the following two conditions: This device may not cause interference. This device must accept any interference, including interference that may cause undesired operation of the device.



Avertissement

Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux flux RSS exemptés de licence de Innovation, Science et développement économique Canada. L'exploitation est soumise aux deux conditions suivantes:

Cet appareil ne doit pas causer d'interférences.

Ce dispositif doit accepter toute interférence, y compris toute interférence pouvant causer un fonctionnement indésirable du dispositif. Les antennes utilisées pour cet émetteur doivent être installées pour assurer une distance de séparation d'au moins 20 cm par rapport à toutes les personnes et ne doivent pas être localisées ou fonctionner conjointement avec d'autres antennes ou émetteurs. Les utilisateurs doivent avoir des conditions de fonctionnement de l'émetteur pour satisfaire à la conformité à l'exposition RF.



Notification for Conformity Assessment of Broadcasting and Communication Equipment
Registration Number: R-R-KRZ-KIO-AK-R2
Item Name (Product Name): Kio AK Kiosk (Android Kiosk)
Basic Model: Kio AK-43-ST(R2) Stand
Manufacturer/Country of Manufacture: Shenzhen itemp technology / China
Manufacturer Importer: Krizer co., Ltd.
Manufactured Date: Separate Indication