



WizeFloor
Interactive Surfaces

operation manual



Contents





1. Important Safety Instructions	1
1.1 Safety Precautions	3
1.2 Maintenance	5
2. Introduction	6
3. Product Description	7
3.1 Front View	7
4. Remote Control	8
5. Set Up Guide - WizeFloor Go (Mobile Height Adjustable Stand)	11
5.1 Before You Start	11
5.2 Turning On	11
5.3 Making Adjustments	12
5.4 Floor Sizes	12
6. Set Up Guide - WizeFloor One (Fixed, Ceiling Mounted System)	15
7. Set Up Guide - Connecting Your Wireless Keyboard	15
8. LED Indicators and Sound Alerts	17
8.1 LED Indicators	17
8.2 Sound Alerts	17
9. Troubleshooting	18
9.1 Power Fuse	18
9.2 Remote Pairing	18

1. Important Safety Instructions

SAFETY WARNING

- To reduce the risk of fire or electrical shock, do not expose this product to rain, moisture or other liquids.
- To prevent injury, this product must be securely attached to the mobile height adjustable stand or mount in accordance with the installation instructions.
- To reduce the risk of electrical shock, do not remove the product casing.
- Refer all servicing to qualified service personnel. Contact us for service information

Icons used in this manual

	<div>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</div>			The lightning flash and arrowhead within the triangle indicated that there is dangerous voltage inside the product.
				The exclamation mark within the triangle indicates that there are important instructions accompanying the product.

WARNING

If you ignore the warning message, you may be seriously injured or there is a possibility of accident or death.

CAUTION

If you ignore the caution message, you may be injured or the product may be damaged.

NOTE

The note helps you understand and use the product safely. Please read the note carefully before using the product.

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.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user’s authority to operate this equipment.

CAUTION

Before moving the product, ensure all wheel stops are disengaged. When moving the product, please ensure that it is safely secured to the mobile height adjustable stand and is fully supported. Please also ensure that the mobile stand is moved to the lowest possible height before moving.

This product must be kept horizontal and in the upright position when moving. Avoid lifting this product where possible. In cases where this product must be lifted, please take extra care when lifting. Please exercise caution and use proper lifting/handling techniques.

Recycling Information

Dispose of this product in accordance with applicable environmental laws. For product recycling and disposal information, contact your local government agency or Waste from Electrical and Electronic Equipment (in UK & Europe), www.eRecycle.org (in California), the TIA at www.ecyclingcentral.com (in the US) or the Electronic Product Stewardship Canada at www.epsc.ca (in Canada).

1.1 - Safety Precautions

1.1.1 Power

WARNING

- Do not use a damaged power cord. Periodically examine the cord and plug and if its appearance indicates damage or deterioration, unplug it, discontinue use of the product, and obtain a replacement from the manufacturer.
- Do not overload electrical outlets. We recommend connecting only one appliance per outlet.
- Do not touch or operate the appliance or cord with wet hands.
- Insert the power plug into the outlet firmly. Unstable connections may cause fire.
- Connect the power cord only to a grounded wall outlet.
- Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, trapped or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.
- Please clean only with a dry cloth.

CAUTION

- Do not unplug the power plug while the product is operating. Ensure the appliance is safely switched off.
- Use only a power cord specified by the product manufacturer.
- When inserting/removing the power cord, hold the plug itself to avoid damage to the cord.
- Before moving or installing this product, be sure to turn off the power and disconnect the power cord. To turn this product off completely, you must disconnect the power plug from the outlet. We recommend that when installing the product, the power plug should be easily and readily accessible at all times. If installed on a mobile height adjustable stand, the stand should be adjusted into the lowest position before manoeuvring.

1.1.2 Installation

WARNING

- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- When mounting the product, take care to ensure that all cables are correctly routed and are not trapped, stretched or supporting any weight. Ensure cables are safely routed and do not present a trip hazard.
- Consult with an authorised reseller or qualified engineer to ensure that the product is installed safely. Ensure only approved mounting hardware is used. Any damages or injuries caused by misuse or the use of incorrect mounting hardware are not covered by the warranty.
- Please ensure adequate ventilation. Do not cover the product when in use. Please disconnect the power cord and allow the unit to fully cool before using any protective covers.
- Keep all packing materials including anti-moisture sachets out of the reach of children. Anti-moisture material is harmful if swallowed. If swallowed by mistake, seek medical attention immediately. Additionally, plastic packaging can cause suffocation.
- The product must be installed only on approved stands/brackets and installed according to the manufacturer's recommendations. If the product is incorrectly installed, serious injury may occur.
- To reduce the risk of fire or electric shock, do not expose this product to rain, moisture or other liquids or dust. The product is intended for indoor use only.
- Keep the product away from direct sunlight.

CAUTION

- Do not allow any impact, shock or any objects to fall onto/into the product.
- Do not press or put stress on any of the product surfaces.
- Make sure that the screws are fastened tightly and are of the correct length/size.

1.1.3 Cleaning

WARNING

- Before cleaning the product, unplug the power cord and wipe gently with a soft dry cloth to prevent scratching.
- Do not spray water or other liquids directly on the product as this may damage the product or cause an electric shock.
- Use only approved cleaning products, recommended by the manufacturer.

CAUTION

- Care should be taken not to use sharp objects on the projector or camera lenses, as this may result in damage and impair functioning of the product.
- Do not use any chemicals, such as waxes, benzene, alcohol, thinners, insecticides, air fresheners, or lubricants, as they may damage the casing, projector and or camera lenses.
- Do not spray liquid onto the surface. If liquids enter the product, it may result in fire, electric shock, or malfunction.

1.1.4 General Usage

WARNING

- To reduce the risk of electric shock, do not open the cover or remove any panels. There are no user serviceable parts inside. Refer to qualified service personnel.
- Before moving or lifting the product, disconnect the power cord and all cables.
- Care should be taken to position the product and associated cables to ensure they do not present a trip hazard.
- Do not insert metal objects or any other conductive material into the power cord. Do not touch the end of the power cord while it is plugged in.
- Unplug the product during lightning storms or when unused for long periods of time.
- Do not block any vents or openings and install only in accordance with the manufacturer's instructions.
- To reduce the risk of fire or electric shock, do not expose this product to rain, moisture or other liquids. Do not touch or operate the appliance or cord with wet hands.
- This product is designed and intended for indoor use only.
- Children must be supervised at all times, when using the product. **NEVER** allow children to climb on or play on the product or associated mounting hardware.
- The product must be installed only on approved stands/brackets and installed according to the manufacturer's recommendations. If the product is incorrectly installed, serious injury may occur.
- Before transporting/moving this product, be sure to turn off the power and disconnect the power cord. To turn this product off completely, you must disconnect the power plug from the outlet. If installed on a mobile height adjustable stand, the stand should be adjusted into the lowest position before manoeuvring.

CAUTION

- When the product is being used for extended periods, it is normal for the housing and vents to become warm and even hot, and warm and even hot air may be expelled from the vents. This is by design and does not affect the performance of the product, however, you should avoid touching these parts when in use.
- To install or replace batteries in the remote control, remove the battery cover, replace batteries matching (+) and (-) ends to the label inside the compartment, and replace the battery cover. Failure to match the correct polarities of the battery may cause the battery and remote control to become damaged. Dispose of exhausted batteries in accordance with local recycling laws.
- Small accessories including batteries may present a choking hazard. Batteries may also pose a serious risk if ingested. Please keep out of the reach of children.

1.2 Maintenance

1.2.1 Cleaning

WARNING

- When cleaning the product, including the casing, projector lens and camera lens, unplug the power cord and wipe gently with a clean, soft, dry cloth to prevent scratching.
- Do not use water or other liquids on the product as electric shock may occur.
- Do not clean with chemicals such as alcohol, thinners, or benzene. Use only approved cleaning products, as recommended by the manufacturer.

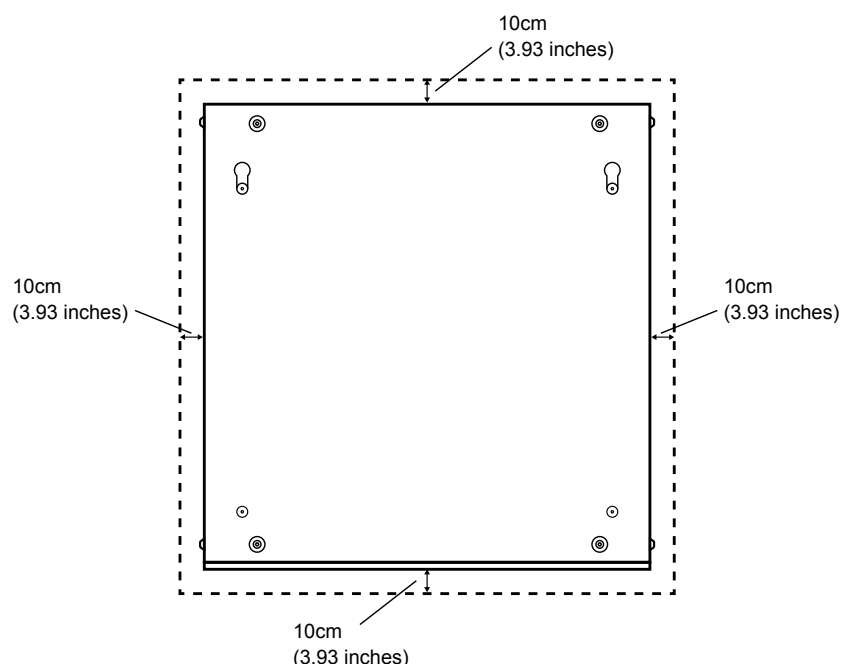
1.2.2 Installation

Use safe handling practices when lifting the product. A minimum of two persons is recommended.

Installation should be carried out by competent persons. We recommend the product is installed by a professional installer.

Ensure that the mounting hardware is suitable for the size and weight of the product and that the installation instructions supplied are followed carefully.

Please ensure adequate ventilation. Recommended minimum spacing for ventilation is illustrated below:

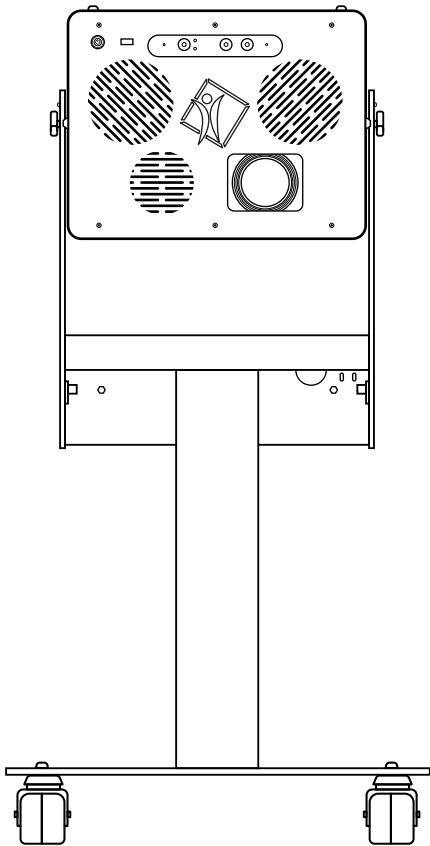


2. Introduction

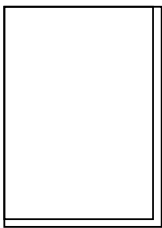
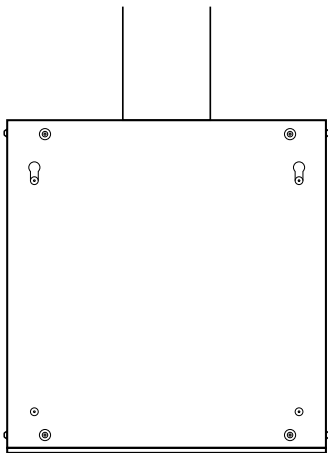
Depending on the product and options purchased, it may include some or all the items illustrated below. Please check the product upon receipt or installation and contact your authorised reseller immediately if you believe any items to be missing.

The illustrations in this manual may differ from the actual product.

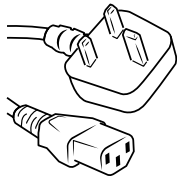
WizeFloor Go



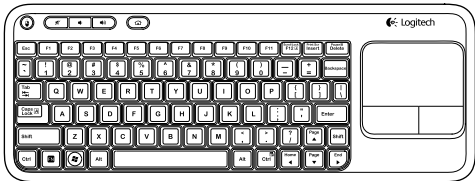
WizeFloor One



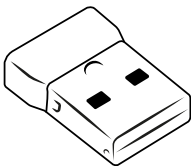
User Manual
(Digital Only)



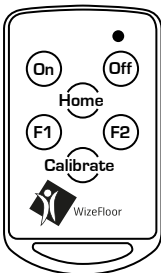
Power Cable
(regional variations
apply)



Logitech K400+
Touchpad Keyboard



USB Wi-Fi
Dongle



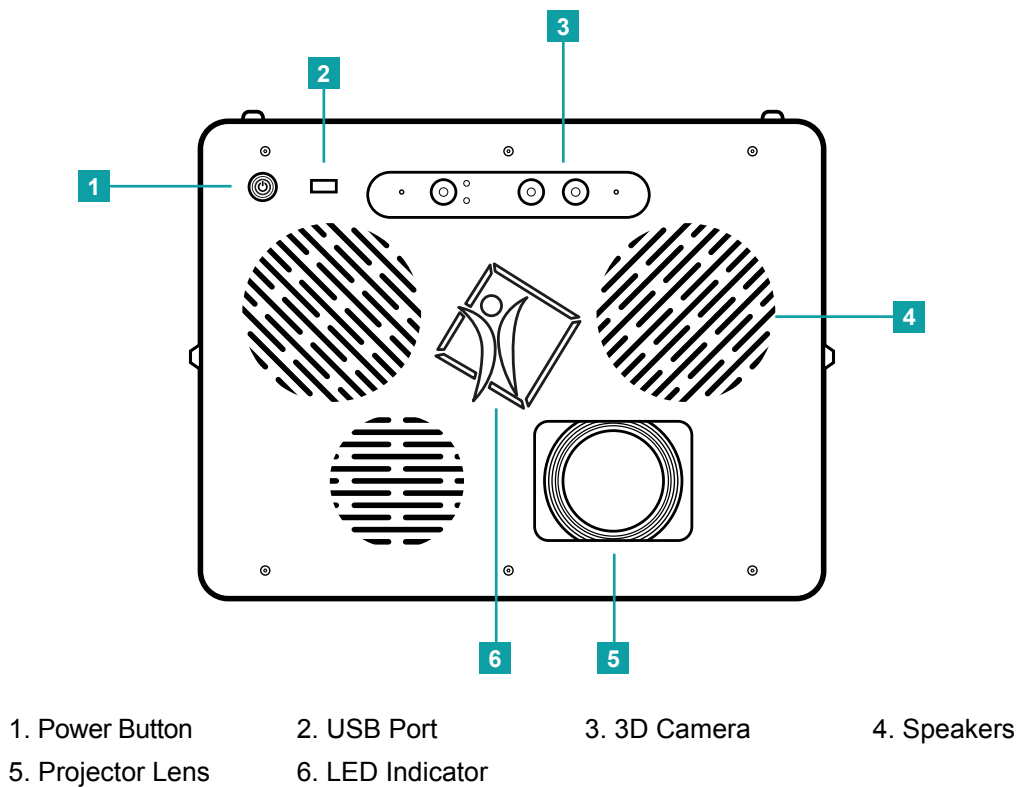
WizeFloor
Remote
(Batteries Supplied)



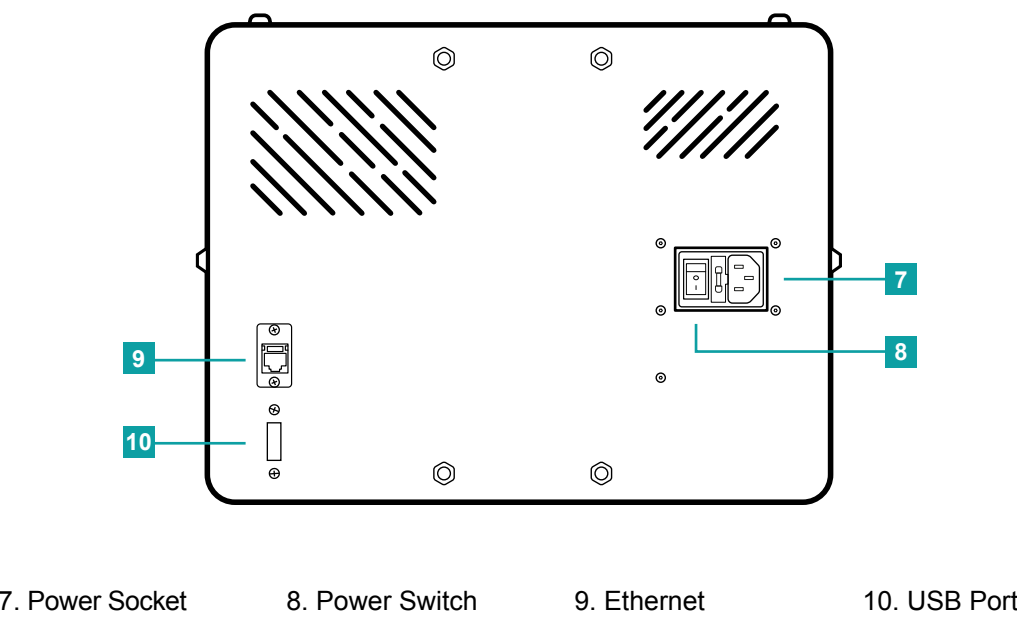
Projector
Remote
(Batteries Supplied)

3. Product Description

3.1 Front View



3.2 Rear View



4. Remote Control

4.1.1 WizeFloor Remote Overview

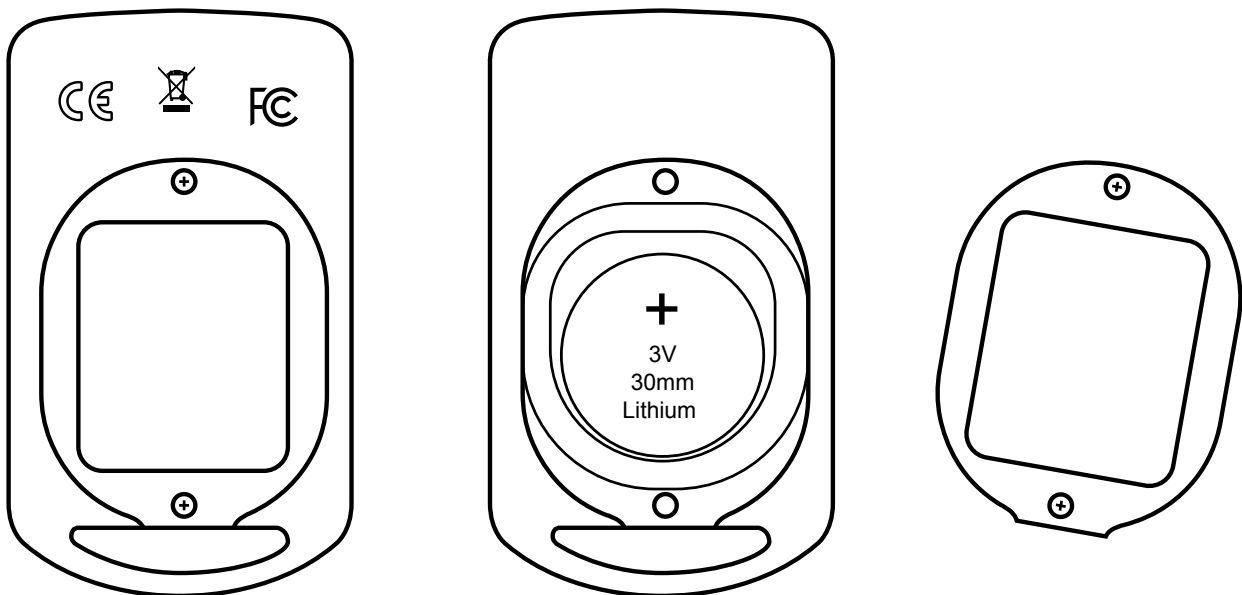


Key name	Description
On	Power ON
Off	Power OFF
Home	WizeFloor Main Menu
F1 *	Volume UP
F2 *	Volume DOWN
Calibrate	Calibrate the unit for touch

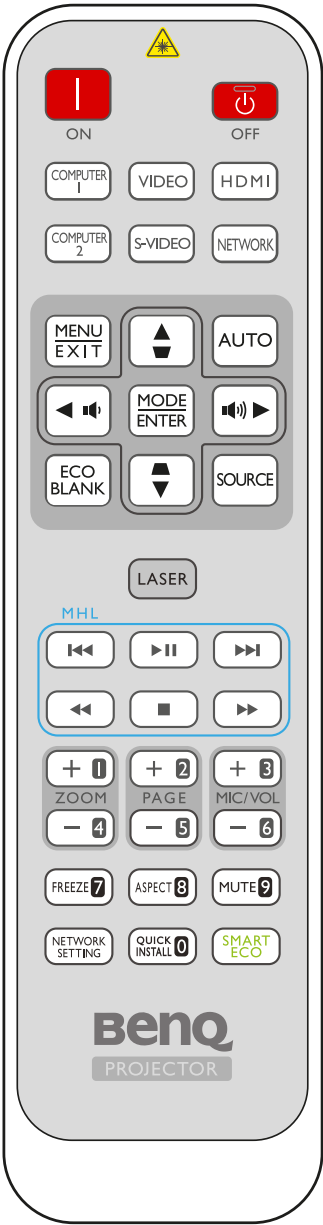
*We welcome customer feedback and would be interested to know if alternative options would be preferable in place of these functions, to enhance your day-to-day use of the WizeFloor.

4.1.2 How to Insert Battery

To install or replace batteries in the remote control, remove the battery cover by undoing the screws and removing the lid, insert batteries taking care to match the polarity (+) and (-) sides to the label inside the compartment, and replace the battery cover. Please take care to ensure the screws are replaced and fully tightened after replacing the lid. Failure to match the correct polarities of the battery may cause the battery and remote control to become damaged. Dispose of exhausted batteries in accordance with local recycling laws.



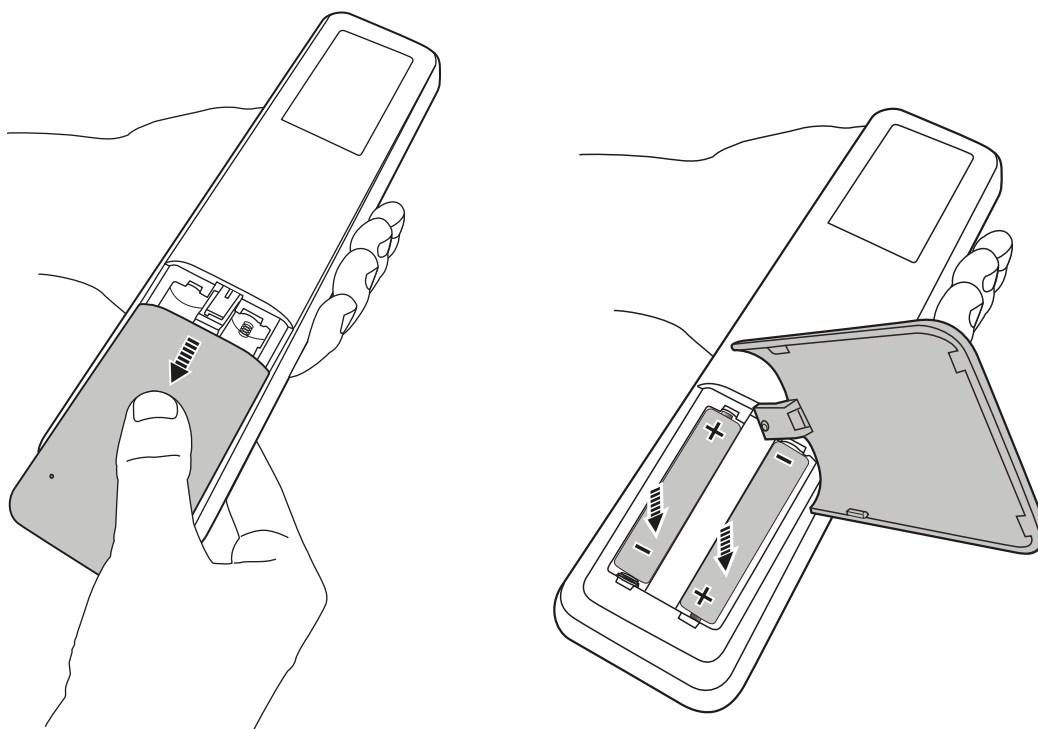
4.2.1 Projector Remote Overview



Key name	Description
	Power ON/OFF
<div>COMPUTER 1 VIDEO HDMI COMPUTER 2 S-VIDEO NETWORK</div>	Input sources
	Menu/exit button
AUTO	Auto mode
ECO BLANK	Eco blank
SOURCE	Source select
	Left (volume down) / Right (volume up)
	Keystone (up) / Keystone (down)
	Mode select / Enter
LASER	Laser pointer
	MHL controls
ZOOM +/-	Zoom in / out
PAGE +/-	Page up / down
MIC/VOL +/-	Microphone volume up / down
FREEZE	Freeze screen
ASPECT	Aspect ratio
MUTE	Mute volume
NETWORK SETTING	Network setting menu
QUICK INSTALL	Quick install
	Smart eco mode
1 2 3 4 5 6 7 8 9 0	Number buttons

4.2.2 How to Insert Battery

To install or replace batteries in the remote control, remove the battery cover, insert batteries taking care to match the polarity (+) and (-) sides to the label inside the compartment, and replace the battery cover. Failure to match the correct polarities of the battery may cause the battery and remote control to become damaged. Dispose of exhausted batteries in accordance with local recycling laws.



Battery Precautions

These precautions should be followed when using batteries in this device:

- The batteries may last approximately one year depending on how much the remote control is used. Replace the batteries if the remote operation becomes erratic or ceases to function.
- Use only the size and type of batteries specified.
- Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Incorrectly installed batteries may cause damage to the device.
- Do not mix different types of batteries together (e.g. Alkaline, Carbon-zinc or Rechargeable) or old batteries with fresh ones.
- If the remote control will not be used for an extended period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- Please use caution when inserting batteries to avoid battery damage. Never use damaged batteries.
- Please keep the remote control and batteries away from sources of heat.
- Batteries may present a choking hazard and may also pose a serious risk if ingested. Please keep out of the reach of children.

5. Set Up Guide - WizeFloor Go (Mobile Height Adjustable Stand)

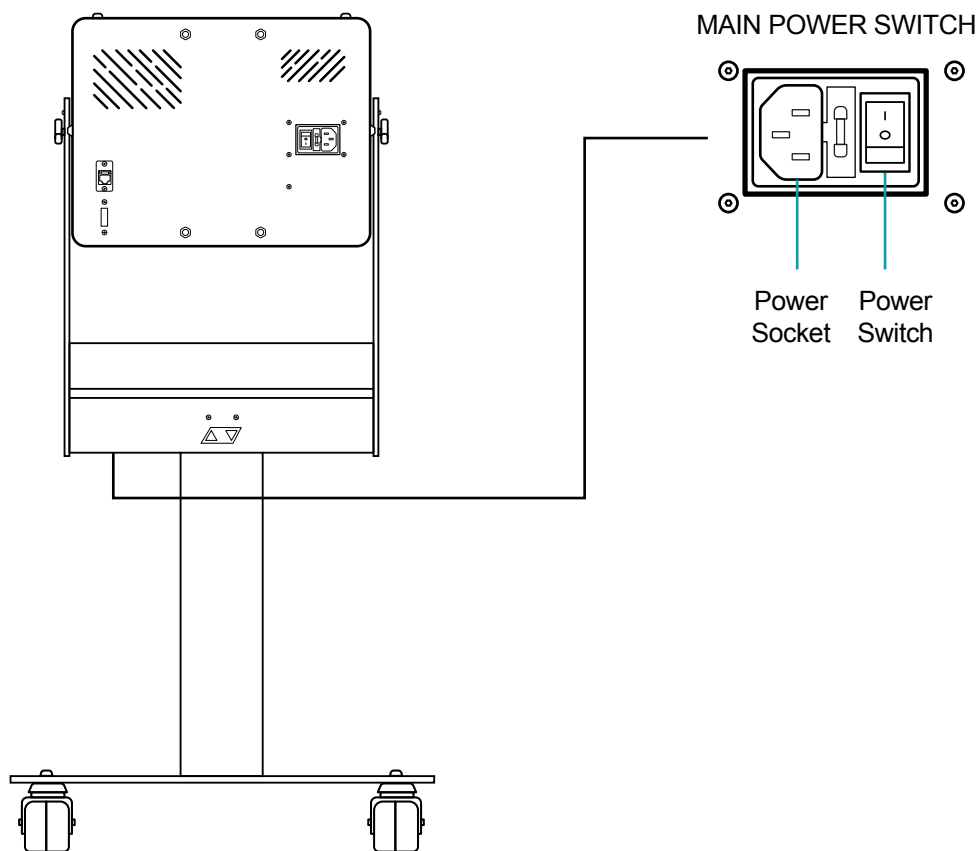
5.1 - Before You Start

CAUTION

- Ensure that all wheel brakes are disengaged before moving. Attempting to move the WizeFloor Go with the wheel brakes engaged may lead the system to topple over, causing damage to the system as well as possibly causing injury.
- Please make sure that the height adjustable stand is at the lowest possible position. (In order to do so, please refer to Section 5.3).
- For best results, project on to a white, non-reflective surface. Not only is a matte surface better for a bright, digital projector image, but also is better for motion tracking. Projecting on to a glossy or reflective surface will create a bright spot and result in an unclear picture or spurious object tracking.
- If projecting on to the floor, we recommend using a matte, white vinyl sheet (available to purchase from Osborne Technologies). It is not recommended to project on carpets or hard flooring, to avoid poor image quality as well as injury.
- Ensure there is adequate free space surrounding the projection surface. (Please refer to Section 5.4)

5.2 - Turning On

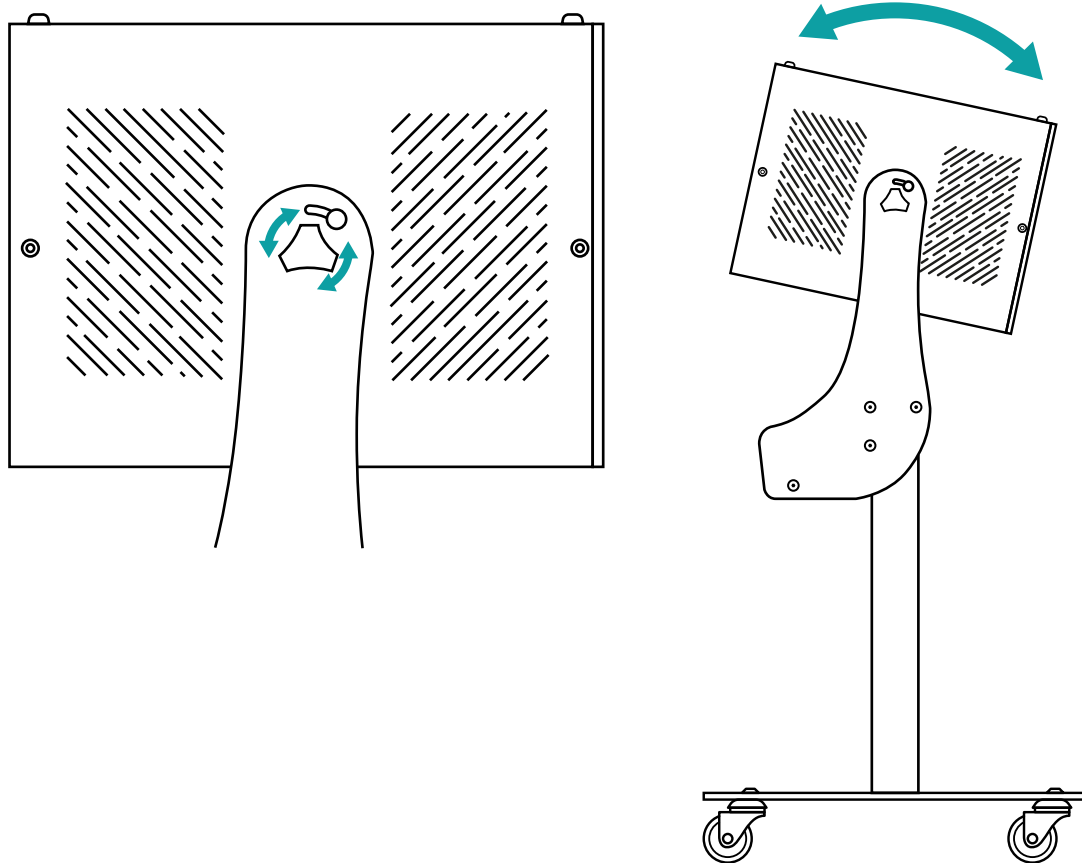
Safely manoeuvre the WizeFloor Go where you would like your activities to take place. Once the system has been positioned where you desire to use it, engage the wheel brakes and connect the power cable to the 3-pin power connector located beneath the frame of the height adjustable stand.



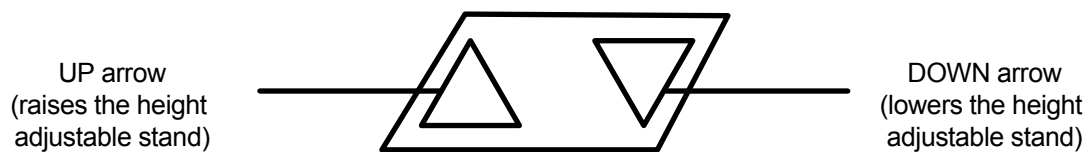
Connect the power cable to the WizeFloor Go, insert the plug into the main socket and turn on the switch (where applicable). Once power has been connected, first turn on the main power switch located beneath the frame of the height adjustable stand and then switch on the WizeFloor unit by simply pressing “ON” on the WizeFloor remote to power up the WizeFloor system.

5.3 - Making Adjustments

To ensure optimum performance, you should adjust the unit to provide the correct image size and position for your location. The WizeFloor Go can be tilted using the adjustment wheels on either side of the system. Carefully loosen the handles slightly on both sides, tilt the WizeFloor system to the desired angle and then tighten them again.



The size of the projection can be increased or decreased by using the height adjustable stand. To operate this, ensure that the switch on the underside of the stand is turned on. To increase the projection size, please raise the stand pressing the UP arrow button. Similarly, if you desire to decrease the projection size, please lower the stand by pressing the DOWN arrow button.



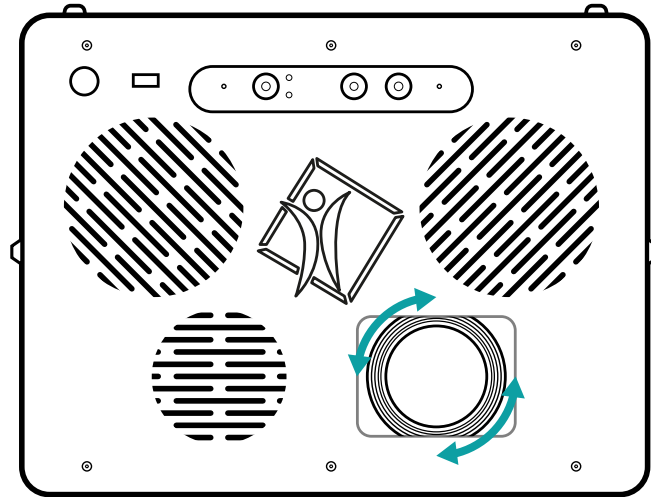
5.4 - Floor Sizes

Projection sizes can vary depending on a combination of the height of the mobile stand, tilt angle of the WizeFloor system and distance from the edge of the unit to the edge of the projection. Please refer to diagram (5.4.1 and 5.4.2) to assist in determining the optimum floor size you require.

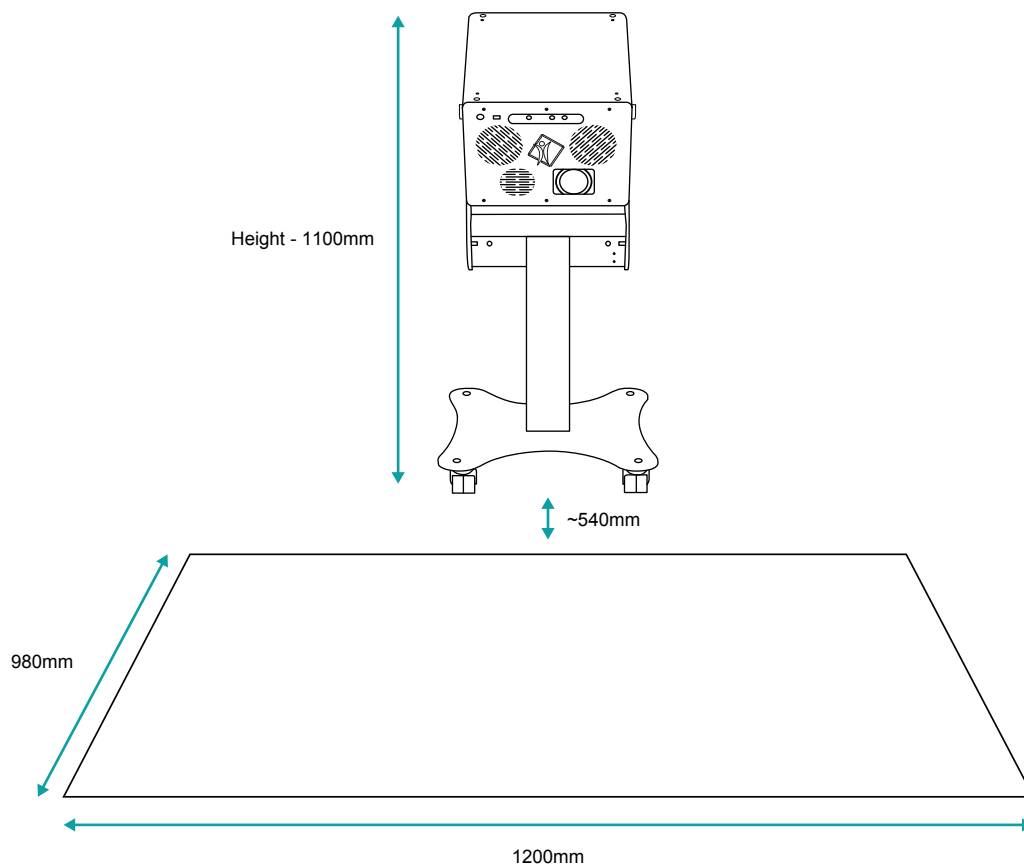
NOTE

The focus of the projector may need adjusting each time the height of the mobile stand is changed. This can be achieved by carefully rotating the surrounding rim of the lens.

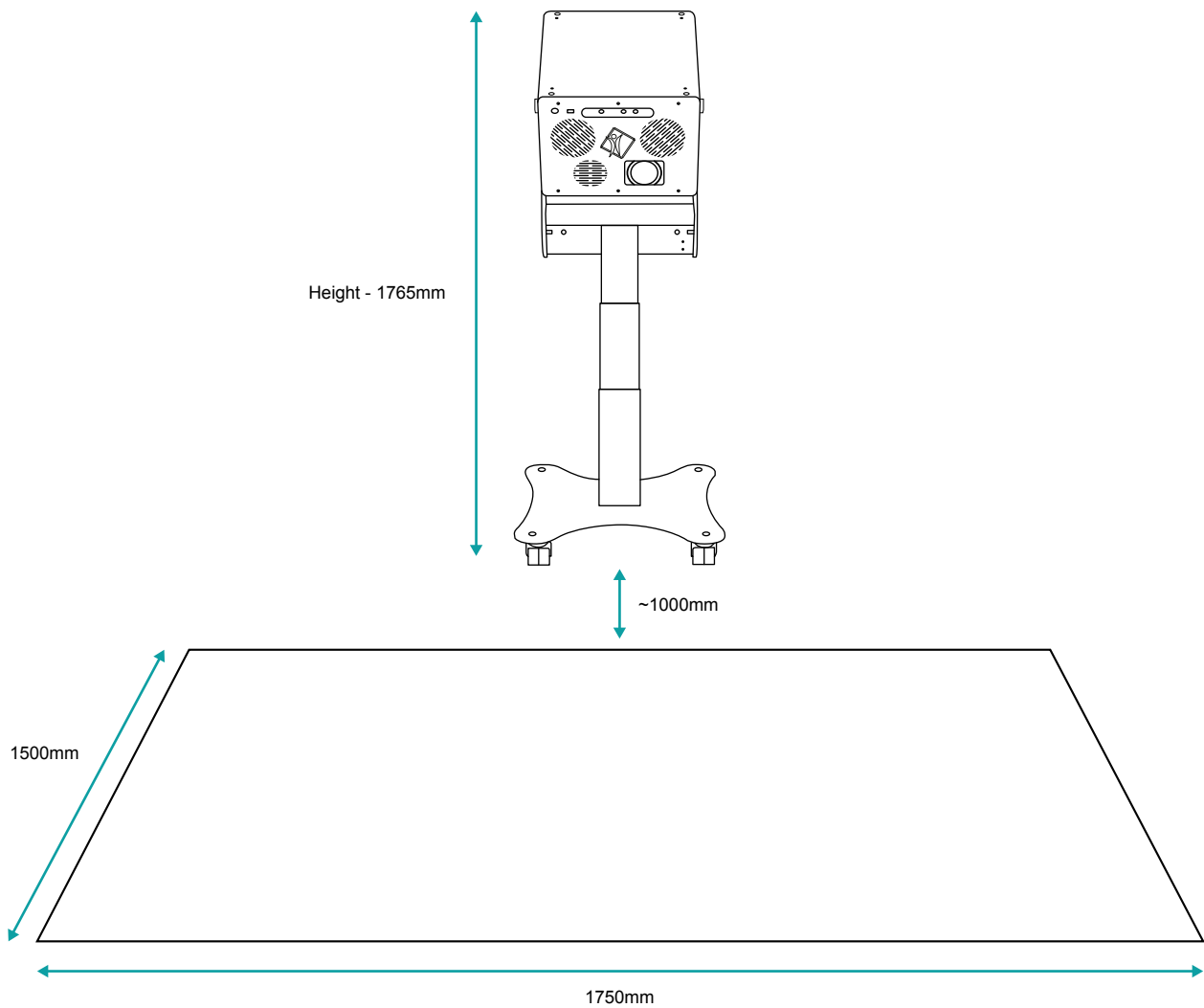
When adjusting the focus of the lens, please ensure not to touch the lens of the projector as this may cause dirt to come into contact with the lens and may further cause smears. This may affect the quality of the projected image. If this does occur, please wipe the projector lens gently with a clean, soft, dry cloth to prevent scratching. If a microfibre cloth is available, please wipe the lens with that.



5.4.1 - Minimum Height / Floor Size



5.4.2 - Maximum Height / Floor Size



NOTE

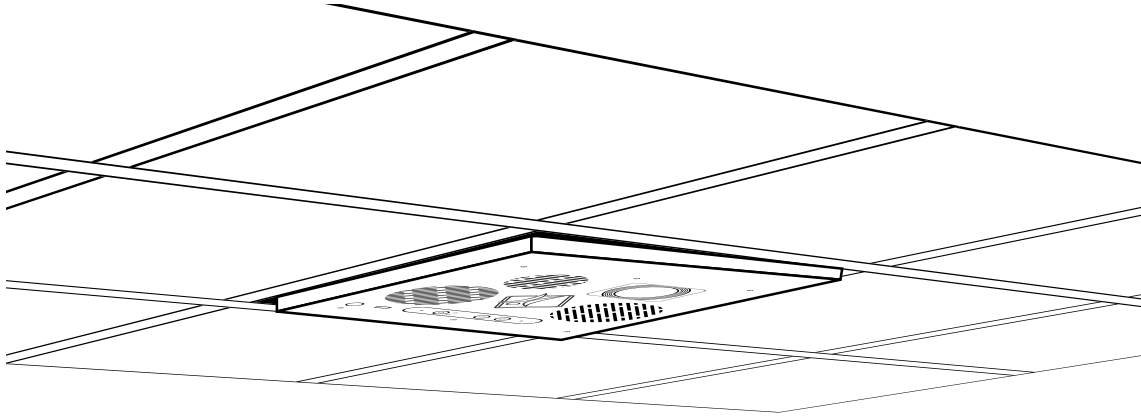
All measurements quoted in this document are those which have been achieved and tested successfully during development of the product. Whilst it may be possible to achieve both larger and smaller projections than quoted here, these are theoretical only and are not recommended for normal operation.

Many activities require users to stand along the edges of the WizeFloor image (3 edges for mobile solutions or 4 edges for fixed installations). and step into the activity to answer questions etc. Research carried out by WizeFloor into user interaction also suggests that for the optimum player experience, you should create a small border around your image by positioning and sizing the projected image accordingly on your projection surface (usually a white vinyl). This allows you to define separation between participants, collaborators and players.

It is important to understand that there are a number of factors which can affect the performance of object tracking particularly at the smallest and largest floor sizes including ambient light, objects or structures in close proximity to the floor and reflections from objects and different floor surfaces. In most cases, the WizeFloor software will self-calibrate successfully. However, it may on occasion be necessary to manually calibrate using the button on the remote control. In extreme cases, if the camera detects interference (also referred to as noise) it may be necessary to manually adjust parameters. Please contact our support team if necessary.

6. Set Up Guide - WizeFloor One (Fixed, Ceiling Mounted System)

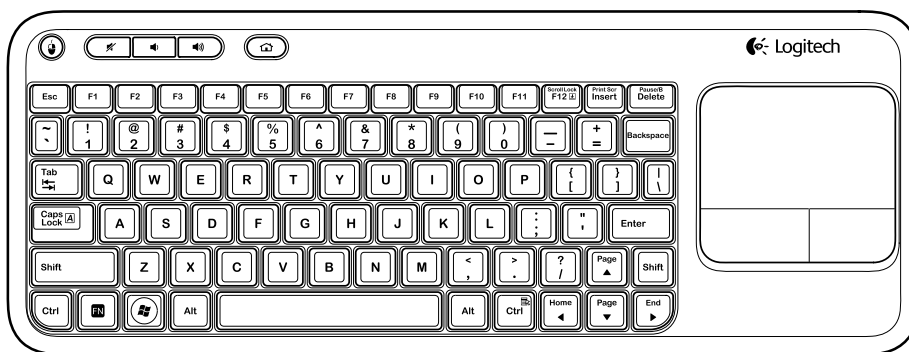
If you have purchased a fixed, ceiling mounted WizeFloor system, then the system will usually have been installed by our expert installation team or a qualified WizeFloor partner. All installation requirements are communicated when placing your order for the WizeFloor One. Once the fixed solution has been installed and correctly configured, any further setup is minimal as the WizeFloor will usually self-calibrate each time it is used. Simply press “ON” on the WizeFloor remote and you’re ready to use your system!



CAUTION

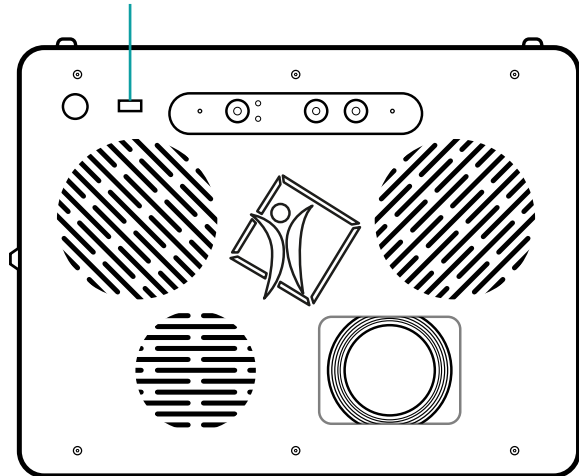
The WizeFloor One can be used in both a dedicated and shared spaces. When setting up a session in a shared space, please remove all obstacles away from and around the projected floor size. Carefully lay down the matte, white vinyl sheet under the fixed WizeFloor system and wipe clean with a dry cloth. If dirt is still present on the vinyl sheet after wiping with a dry cloth, please use a non-abrasive cleaning product.

7. Set Up Guide - Connecting Your Wireless Keyboard

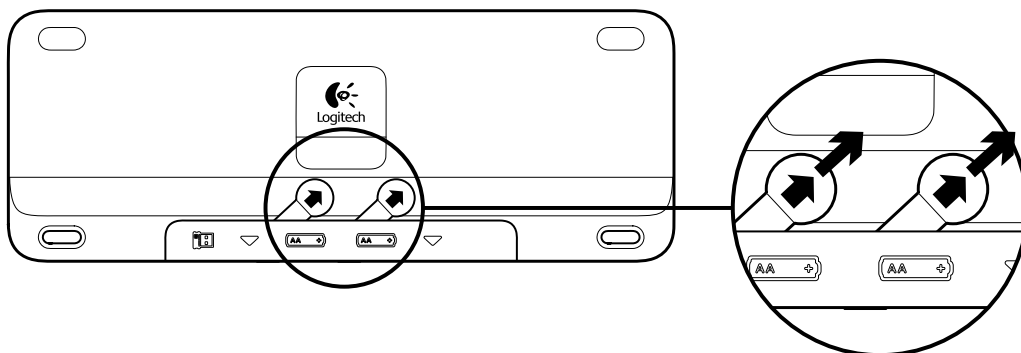


Each WizeFloor system comes with a wireless touchpad and keyboard. Upon opening the box, please locate the USB wireless dongle. Please insert the USB dongle into the USB port located at the front of the WizeFloor system.

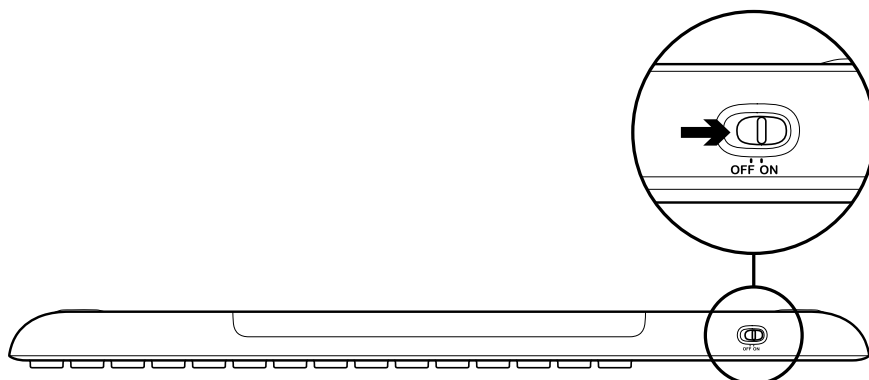
Insert USB
Dongle Here



Once the USB dongle has been inserted, turn over the keyboard. You should find two plastic tabs inserted under the battery cover. Please remove them to engage the batteries.



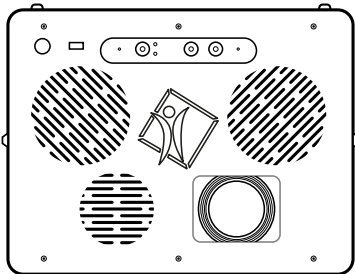
Finally, slide the switch at the top of the keyboard to on. This is indicated by the backplate colour of the switch. If the keyboard is turned off, the backplate colour is RED. When the keyboard is turned on, the backplate colour is GREEN. Your keyboard is ready to use.



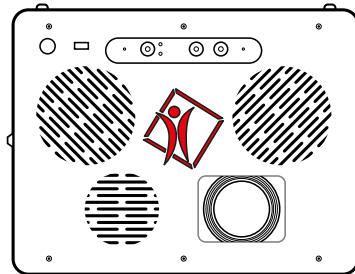
8. LED Indicators and Sound Alerts

8.1 - LED Indicators

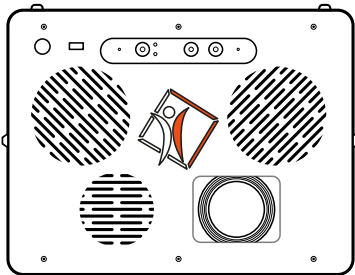
The LED light on the front of the WizeFloor system indicates the status or mode your system is in.



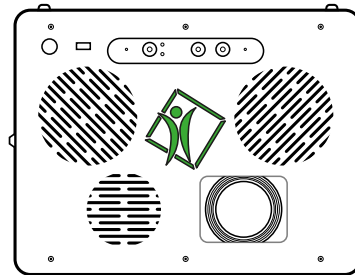
A WHITE LED light indicates the system is turned on.



A RED LED light indicates the system is in standby.



When the system is starting up or shutting down, the LED will flash between ORANGE and WHITE



A GREEN light indicates the system is in Remote Pairing Mode

8.2 - Sound Alerts

As well as LED indicators, the WizeFloor system also provides audible feedback in the form of beeps.

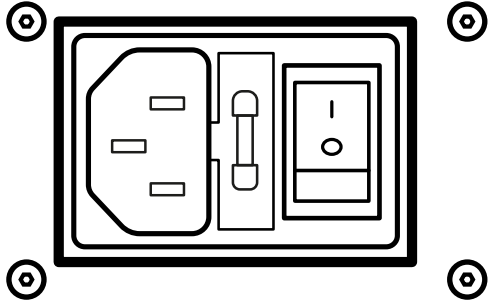
A single beep indicates that the system is powering up or shutting down. During shutdown the WizeFloor will first sound a single beep to indicate that the system is entering a cool down phase before shutting down completely.

Once the cool down phase is complete, the WizeFloor system will sound two beeps. It is only then that power should be disconnected. Please do not disconnect any power from the system before the sounding of two beeps, as this may shorten the life of the unit and it's internal components.

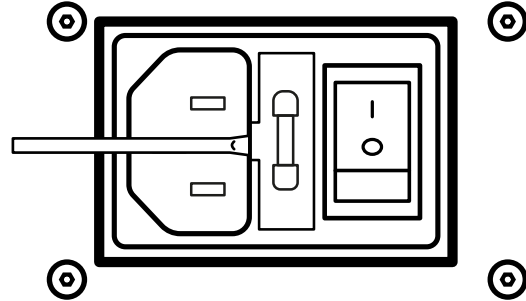
9. Troubleshooting

9.1 - Power Fuse

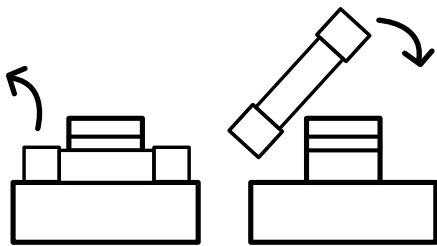
Each WizeFloor unit comes with an IEC power socket with a built in fuse. In the event of a blown fuse, after troubleshooting, it may need to be replaced. Please follow the following guide carefully.



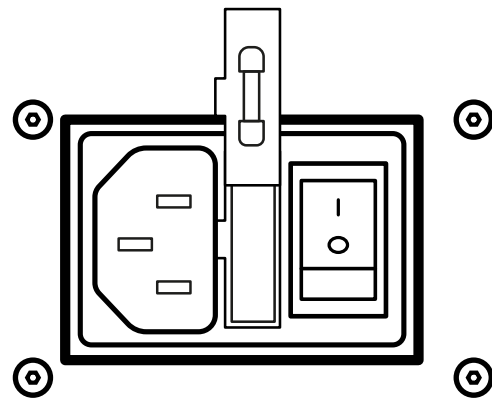
1. Switch off the WizeFloor system at the mains, locate the IEC power socket and unplug the power cable. Wait a few minutes for all the capacitors to discharge.



2. Carefully remove the fuse carrier using a flathead screwdriver. This is located next to the power switch.



3. Remove the old fuse and replace with a new one of the correct rating.



4. Insert the carrier with the new fuse into the slot next to the power switch, ensuring it is fully seated.

9.2 - Remote Pairing

Each remote is factory paired to the WizeFloor system. However, in the event the remote loses connection, you can use the built-in remote pairing feature in the WizeFloor software.

When on the Windows desktop, go to the taskbar at the bottom right corner and click on the WizeFloor icon. This will open the WizeFloor Hardware Configuration tool. Click the “Pair Remote” button. The LED indicator will turn GREEN to indicate that the unit has successfully entered pairing mode. Simply press any button on your WizeFloor remote to pair your remote to the system. The LED indicator will revert to WHITE.



WizeFloor

Move | Play | Educate

For more information please contact:



info@osbornetech.co.uk
www.osbornetech.co.uk/wizefloor