

# INSTRUCTION GUIDE



MORE FUN! MORE MAGIC!  
MORE ENTERTAINMENT!

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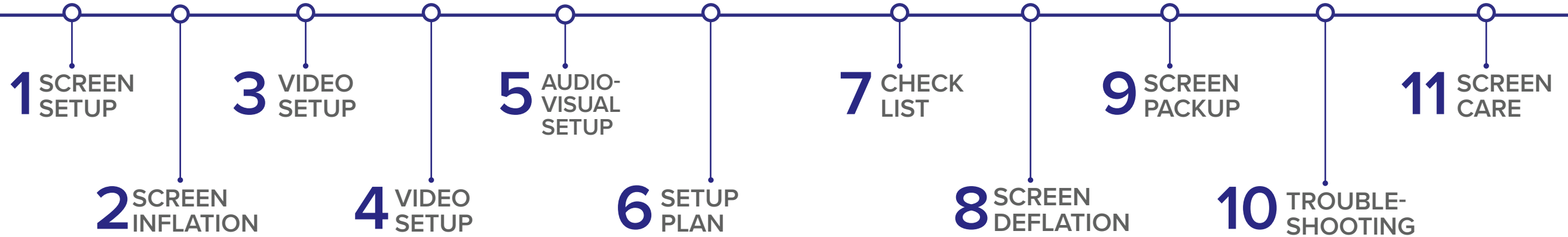


## HandiTheatre Home

Step by step assemble



# STEP BY STEP

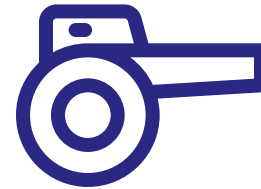


# PACKAGE INCLUDES

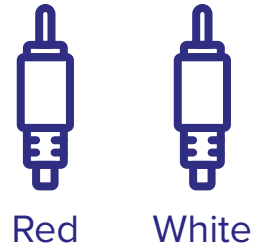
Inflatable screen`



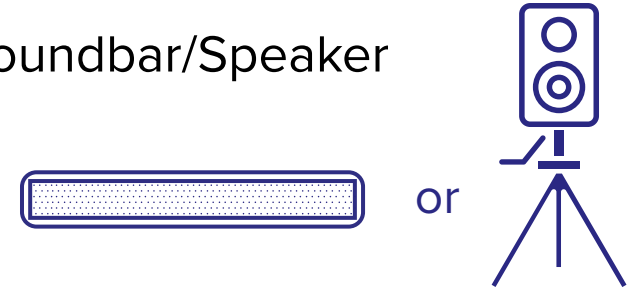
Inflation Blower



Audio Cables



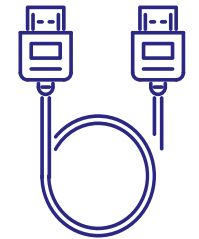
Soundbar/Speaker



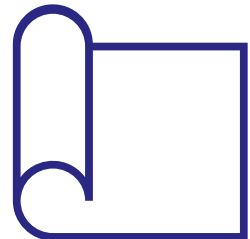
Projector LED



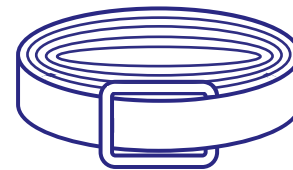
HDMI Cable  
*(optional)*



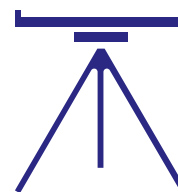
Protective tarp  
*(optional)*



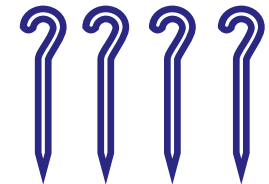
Tethers  
*(4-8)*



Projector Stand  
*(optional)*



Stakes

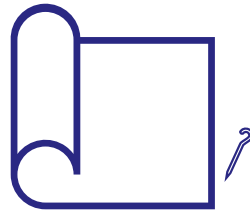


# 1 SCREEN SETUP

1. Decide on a location with enough space for the screen, projector and speakers, that is relatively flat. Allow for space either side of the screen area for tether points.

*(see video setup section on placement distances for projector)*

2. For added protection, we recommend the use of a tarp placed between the screen and the ground. This can be secured with small tent pegs. (protective tarp and pegs supplied as an option)



3. Remove the screen from the carry bag and unroll onto protective tarp or setup area.

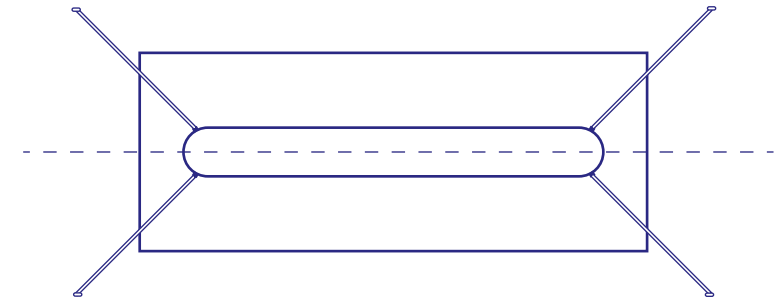
4. Remove the long tethers from the bag. Attach to the four D-rings located at the top of the inflatable screen (there are 2 on the left and 2 on the right) using the metal clip end of the tether to attached to the D-rings on the screen. You may also have shorter tethers that can be secured to the bottom D-rings on the screen.

5. Make sure there is plenty of slack in the tethers.

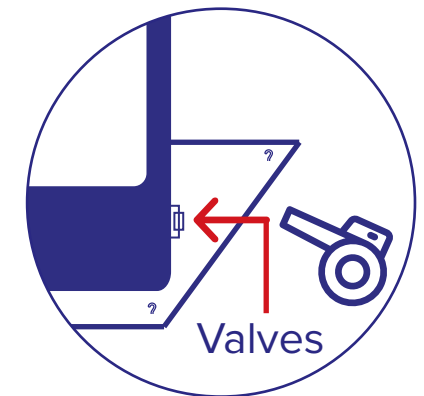
6. Walk out about 2 to 3m with each tether in approximately 45-degree angle from the screen. Then attach supplied pegs to the end of the tethers and drive the pegs into the ground.

# 2 SCREEN INFLATION

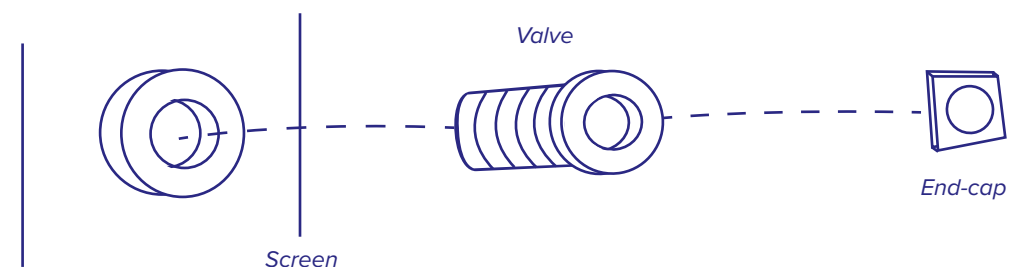
Top view



Your screen has two one-way valves – located on the left and right at the rear of the screen. Each valve can be fully removed for deflation or used via the access cap in the centre of the valve for inflation.



1. Make sure both valves are inserted and remove the inner access cap on one side.



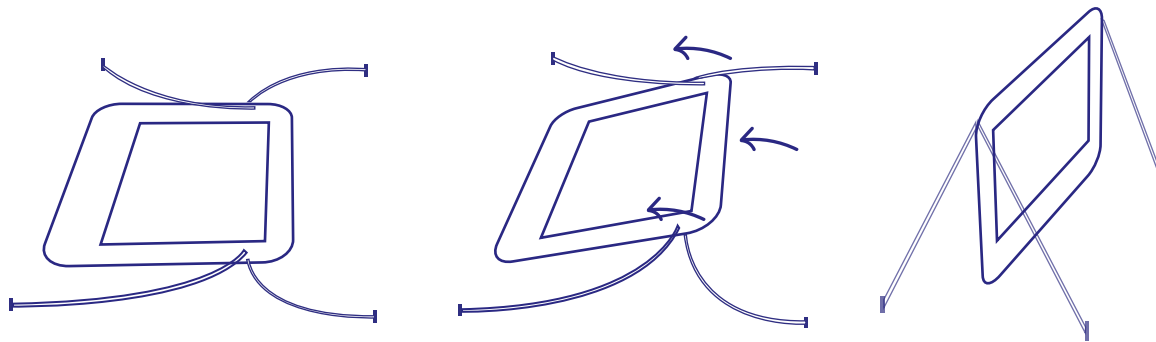
# SCREEN INFLATION

# 3 VIDEO SETUP

2. Use the supplied electric air pump to fully inflate the screen via the open valve. There may be different nozzles supplied with the electric air pump to make a close or tight seal to the valve. Do not over inflate the screen (once the frame tube is tight cease inflation).

3. Replace the valve screw cap.

4. If your screen is a mattress design (without support legs) you will need to lift and correct the screen into its intended vertical position.



*Matress style screens*

- For screens with support legs, your screen may have already inflated into the correct vertical position.

5. Adjust the tethers to reduce any slack and so the screen stays vertical by itself.

1. The Handitheatre screen can be used in a front or rear projection configuration – meaning placement of the projector can be in front or behind the screen. Distance from projector to screen surface will vary depending on your screen size (100” or 140”) and model of projector. Below is a guide for approximate distances depending on your projector:

Projector	100” Screen	140” Screen
SD602	2.6m	3.7m
SD825	2.8m	3.9m
BenQ MH550, TH585, EH600	3.3 m - 3.6 m	4.6 m - 5.1 m
BenQ MW550, EW600	3.4 m - 3.7 m	4.8 m - 5.3 m
Optoma W335	4.2 m - 4.7 m	6.0 m - 6.7 m

*Throw distance guides*

2. Once you have determined the type of setup and the throw distance, place the projector at the appropriate distance from the screen on a stable surface – this may be a projector table or stool. For rear projection setup, it is recommended to have the projector low as possible for the audience to avoid looking at a bright spot from the projector light source.

# VIDEO SETUP

3. Connect your video source (such as DVD player, Apple TV or Smartbox) to the projector via a HDMI cable. If your projector has multiple HDMI inputs, connect to “HDMI 1”. If you have changed the projector’s source, you may have to cycle through the selectable sources via the projector remote once powered on.
4. Connect the power source and turn on the projector.
5. Your projector may have a zoom adjustment to adjust the image to fill the screen, or you may have to move the projector forward/backwards slightly.
6. Your projector will also have a focus adjustment – adjust to make sure the image is as sharp as possible.
7. For rear projection setup you will need to mirror the image output, so the audience is viewing the projected image correctly. This should be accessible via the projector settings menu using the projector remote control (this process will vary depending on the projector model).
8. For projectors with inbuilt apps or streaming you may not need to connect an external media source (from step 3) but you will need to connect the projector to an available WiFi connection. For casting or wireless connection of smart phones, tablets or laptops please refer to the projector’s instruction manual.

# 4 AUDIO SETUP

The audio setup will vary depending on your package configuration and supplied speakers. For most setups, speakers are connected to the projector via the 3.5mm audio output socket.

For setups using a Smartbox, your speakers will be directly connected to the Smartbox via the XLR stereo outputs. For more details, please refer to the separate detailed audio guide.

For Bluetooth connections you will need a Bluetooth compatible projector and Bluetooth compatible speaker(s). Pairing the speakers will be via the projector setting menu (please refer to your projector’s instruction manual).

# 5 AUDIOVISUAL SETUP

Refer to the “Audiovisual Setup Guide” for this step.

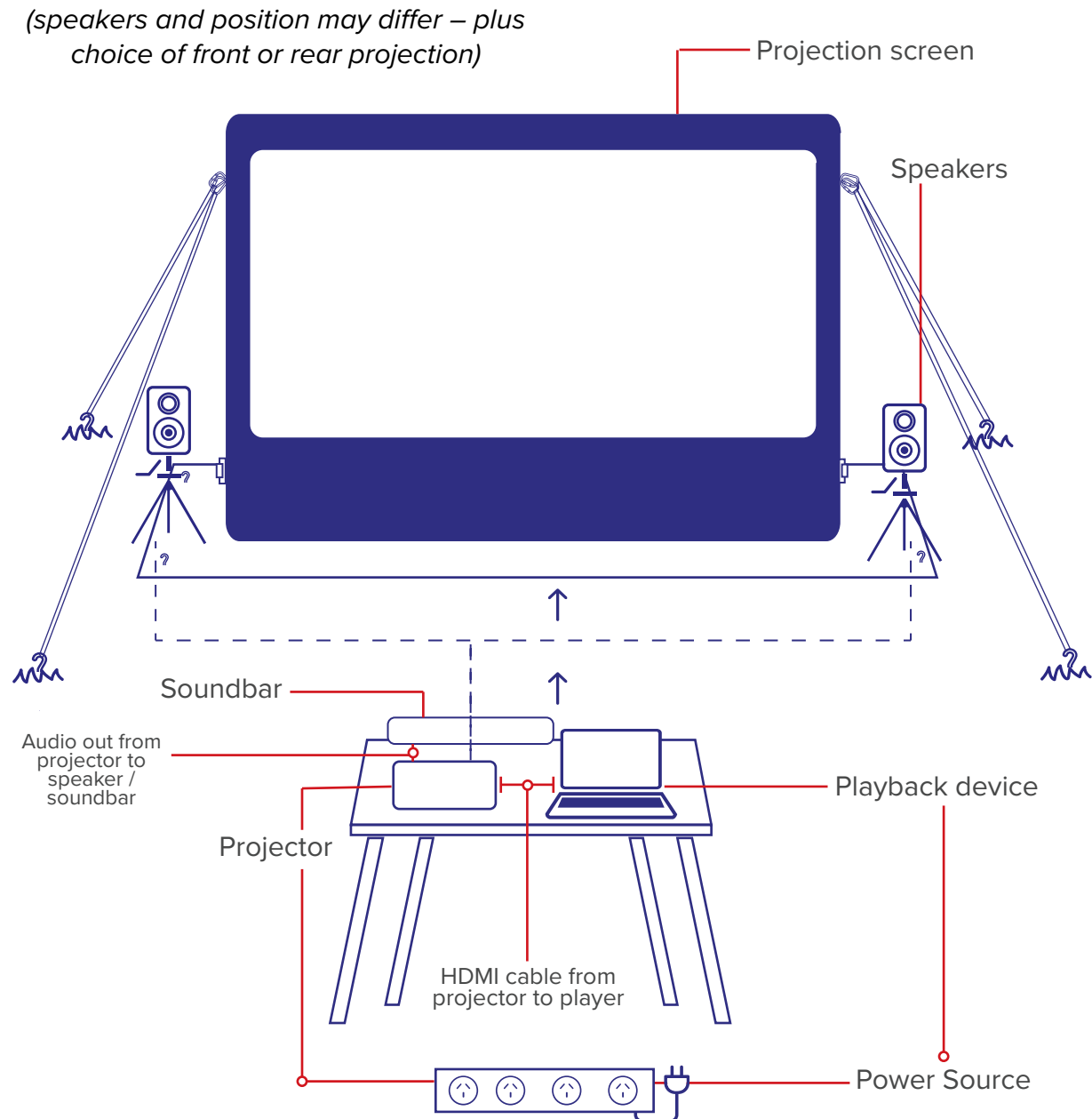


# AUDIOVISUAL SETUP

# 6 SET UP PLAN

## Other Adjustments:

1. Line up the projector to the centre of your screen.  
*- Even though you will still get the image, if the projector is off centre, the image will be distorted.*
2. Adjust the focus of the lens to make the image sharp if it is blurry.
3. 'Zoom control' will further help in adjusting the image to fit the screen.
4. Use the keystone if your image seems bigger at the top or at the bottom to achieve a perfect rectangle.
5. If using rear projection, flip the image.  
*- Normally, this can be done via projector settings.*



# 7 CHECK LIST

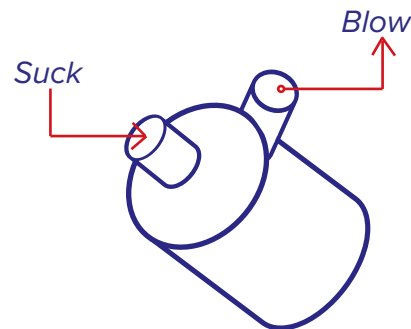
Turn everything on

- ✓ Power boards
- ✓ Soundbar
- ✓ Projector
- ✓ Playback device (DVD player, Game console, Laptop, PC)

**JUST HIT PLAY!**

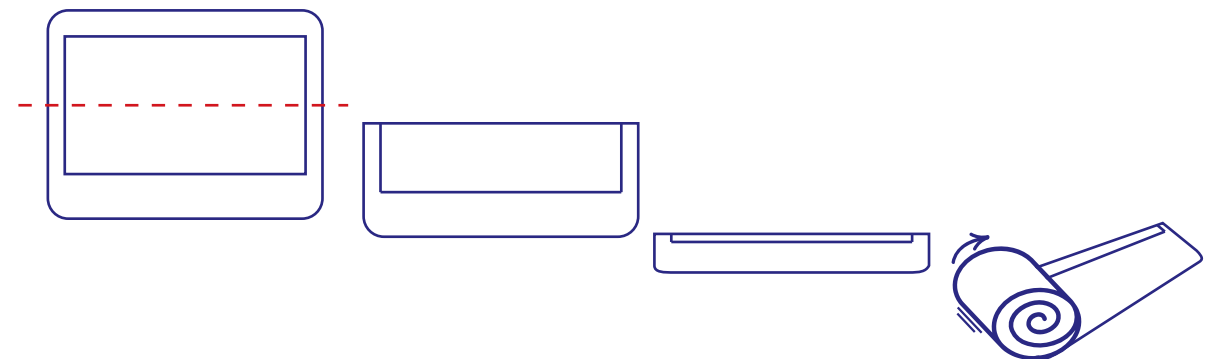
# 8 SCREEN DEFLATION

1. Unclip tethers from stakes.
2. Completely remove valve from one side and allow deflation.
3. Remove tethers from screen D-rings on the screen.
4. The air pump can be used to help deflation and remove most of the remaining air in the screen to help folding away. The suction inlet should be located on the side of the air pump.



# 9 SCREEN PACKUP

1. Lay out the deflated screen. Remove or loosen the valves on both sides (this will allow any trapped air to escape when being rolled up) – be careful not to lose these.
2. For screens with leg supports, fold these over the rest of the screen frame.
3. Fold the screen in half lengthways from top to bottom (with the white screen surface front on the inside).
4. Fold the screen in half again in the same direction.
5. Roll the screen up tightly along the length (and secure with strap if provided). Make sure valves are attached if possible.
6. The screen should then be placed back into its carry bag for protection along with tethers, pegs, and valves.





# 10 TROUBLESHOOTING

# TROUBLESHOOTING

Problem	Resolution
1. Projector is on but image is blank	<p>Check to ensure you have selected the appropriate projector 'source' for the input connection on your projector (typically 'HDMI 1').</p> <p>Ensure any connected external media sources are not using a HDMI cable longer than 5-10m (unless using an appropriately rated optical fibre type HDMI cable)</p>
2. No audio or low audio but showing video.	<p>You may have volume controls across multiple devices. Ensure volume is adjusted correctly across all devices including:</p> <ol style="list-style-type: none"><li>1. Projector volume</li><li>2. Source volume (such as laptop, or DVD player)</li><li>3. Speaker volume (including line-in and master volume)</li><li>4. Smartbox (including HDMI and master volume)</li></ol>

	<p>For laptops connected via HDMI, ensure the laptop's operating system has audio output selected to external HDMI.</p> <p>For setups with soundbars or speakers that are capable of multiple inputs, ensure you have selected the correct input mode (eg. if using Bluetooth make sure speaker is in bluetooth mode, or if using aux input, make sure speaker is in aux input mode).</p>
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## 11 SCREEN CARE

### General Care

1. Keep it clean and dry (as much as you can).  
*- It is recommended to set up your screen on the protective tarp to prevent it from coming into contact with the ground, grass, dirt or sand that may stain your screen.*
2. As the screen deflates, fold in half to minimise dirt on the screen surface.
3. Ensure your screen is always dry when rolled up and put away. Any moisture can result in mould and can damage your screen.

## Drying

If your screen gets wet from dew or rain, don't stress! Simply follow the next steps:

1. Shake off water and then loosely pack away.
2. Bring it out the following day when the weather is better, once set up, the screen will dry out usually within around 30 minutes. If the screen was very wet, this may take a little longer.

*- Ensure all your tethers are also dry as these can be affected by mould.*

3. Alternately, leave your screen inflated and bring inside to dry off.

## Cleaning

- Cleaning the screen frame is best done with a soft cloth and warm water. Use dishwasher detergent, if required.

- Small stains can be cleaned with methylated spirits.

- This not only cleans your screen but dries very quickly without leaving any streaks. This method can also be used to spot clean the screen surface.

- If the screen surface becomes really dirty, simply zip it off the screen frame, wash in the washing machine on a gentle cycle, and then hang out to dry.

*- Do not wash the inflatable screen frame.*

## Patching

If your screen obtains a cut, a hole, or is pierced by a sharp object, it can be repaired!

Simply use your repair kit to fix your screen:

*- Patching the screen should be done when the screen is deflated.*

1. Cut a piece of the PVC fabric, so that it covers the hole entirely, with approximately 2cm around each side overhanging the gash.
2. Make sure that both the PVC patch and the tubing around the hole are clean.
3. Use the bike puncture repair glue to glue around the edge of the patch to create a seal over the hole.

*- Warning: Do not use too much! The glue can ooze out and make a mess of your tubing.*