

# Quick Start Guide

## Portable Gaming Projector

### PJ-GH803B-168

#### WHAT'S IN THE BOX:

##### Projector:

- » Gaming Projector
- » Wireless controller x2
- » USB Bluetooth dongle
- » AC power cable
- » Remote control

##### Projector Screen:

- » 120" foldable cloth screen
- » Hooks with double-sided tape

##### Quick start guide

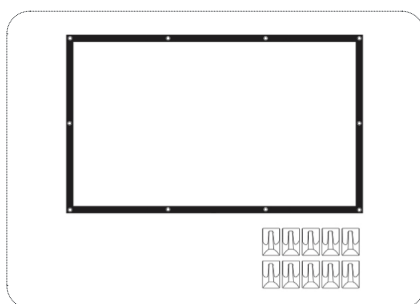
#### ADDITIONAL ITEMS YOU MAY NEED FOR SETTING UP:

- » 6x AAA batteries (for controllers and remote)
- » HDMI cable
- » Your Wi-Fi password

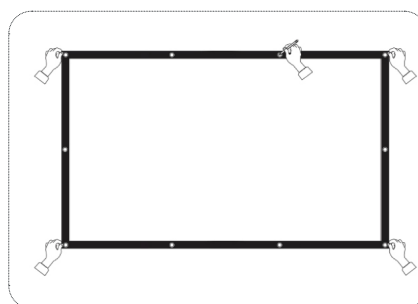
#### WHEN SETTING UP THE SCREEN, PLEASE NOTE:

- » Keep children and pets away from the installation area.
- » Keep the screen away from air conditioners, heaters, radiators or any heat source to avoid potential damage.
- » Choose a flat, smooth surface that can support the screen's weight.
- » Opt for a matte neutral colour such as grey, beige or white for the wall behind the screen.
- » Position the screen in a way that minimises exposure to ambient light, which can wash out the projected image.
- » Ensure there's enough space for the projector to display onto the screen without obstructions.
- » Mount the screen so that the centre is at eye level when seated, reducing neck strain and ensuring an optimal viewing angle.
- » Install the screen so it is taut but not overstretched.
- » When handling the screen, avoid creases or folds in the cloth, as they can affect the picture quality.

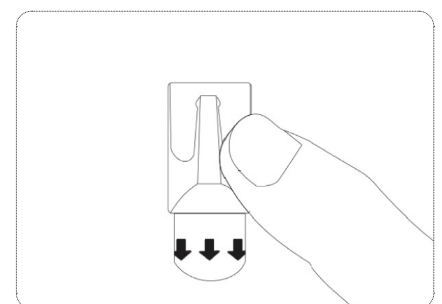
#### SETTING UP THE SCREEN:



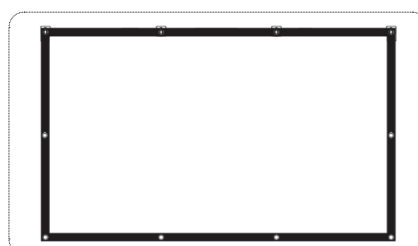
Unfold the screen fabric and lay it flat on the wall where you plan to install it.



Align the screen on the wall. Mark the positions of each grommet on the wall with a pencil.

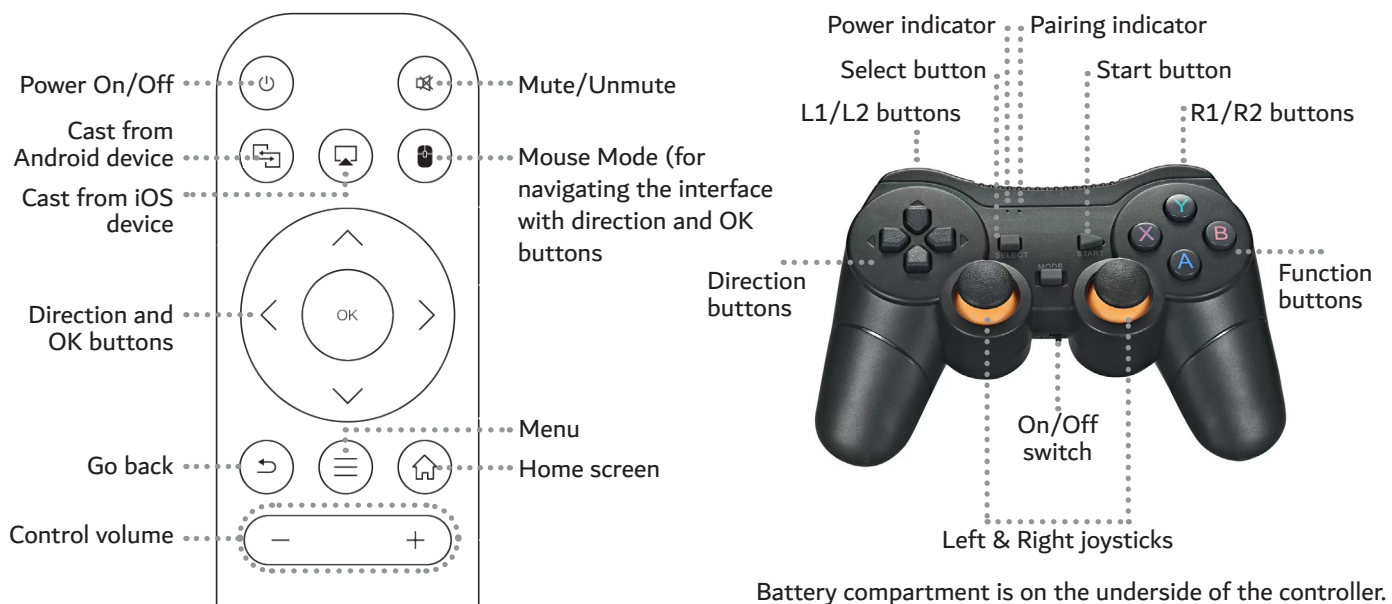
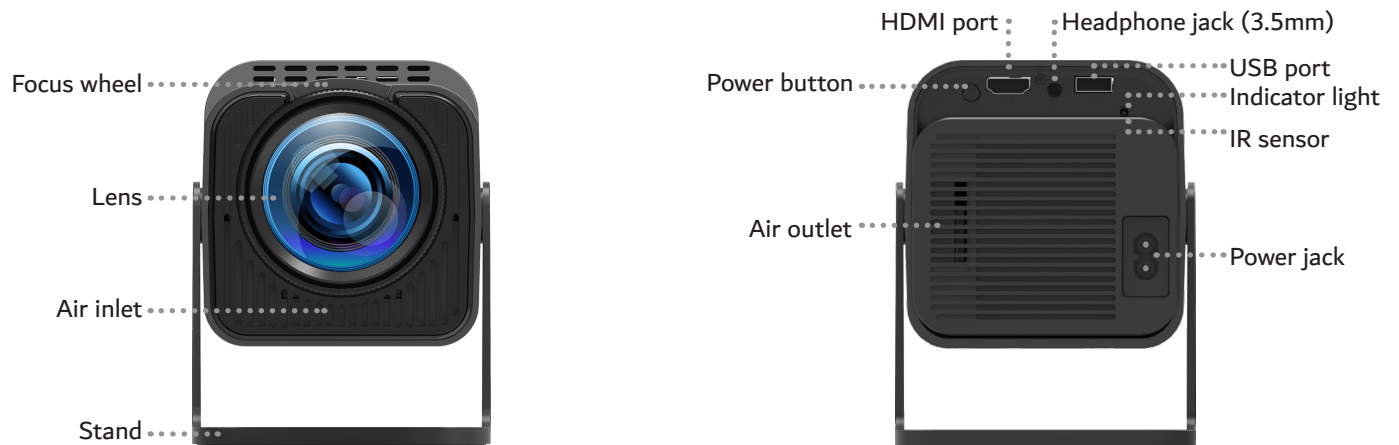


Place the hooks with the adhesive tape onto the marked positions on the wall.



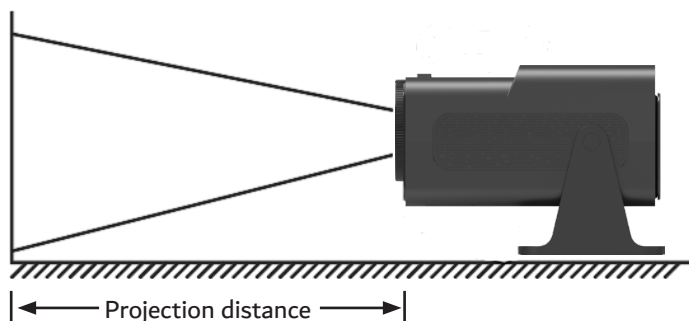
Carefully hang the screen by placing the grommets onto the corresponding hooks. Ensure the screen is flat and smooth.

## PARTS AND CONTROLS:



## SETTING UP THE PROJECTOR:

- » The projector is not dustproof or waterproof. Keep it away from water to avoid fire or electric shock.
- » Don't look directly into the lens when it's on. Supervise children during use.
- » Place the projector on a flat, level surface directly in front of the screen for the best image quality.



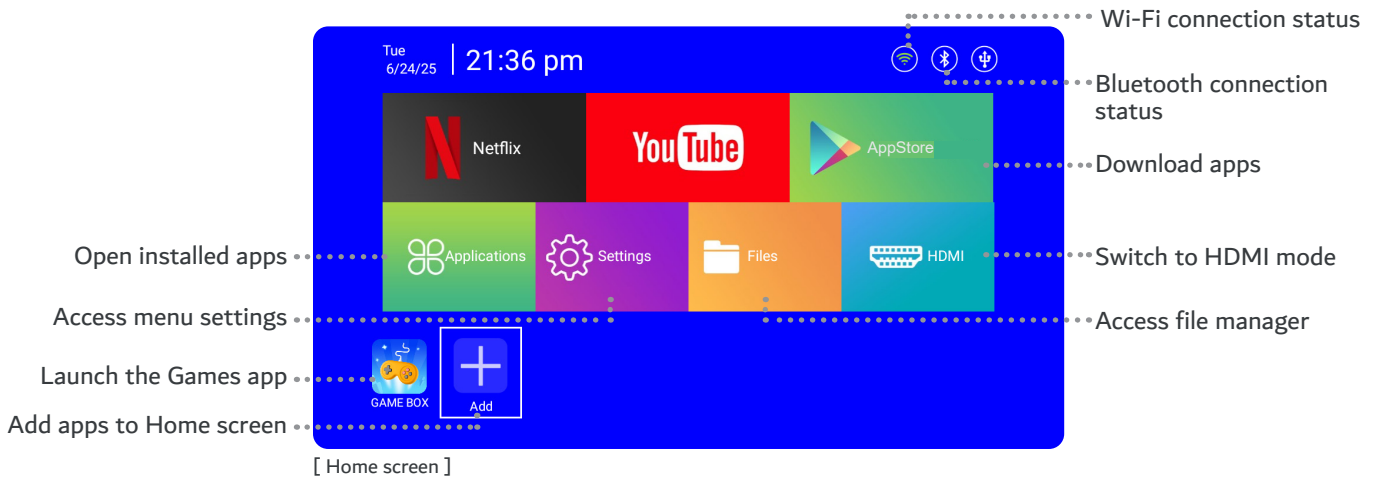
Projection Size (Diagonal)	Projection Size	Projection Distance
40"	W: 86cm, H: 49.3cm	1.1m
61"	W: 132cm, H: 74.7cm	1.7m
93"	W: 156cm, H: 87.8cm	2m
91"	W: 195cm, H: 109cm	2.5m
102"	W: 218cm, H: 123cm	2.8m
124"	W: 265cm, H: 149cm	3.4m
138"	W: 296cm, H: 166cm	3.8m

Sizes are estimates only. Actual measurements may vary.

## CONNECTING THE PROJECTOR TO POWER:

1. Plug the power cable into the projector and wall outlet.  
**Red light** = Standby. **Blue light** = Power on.
2. Press the **Power** button on the projector or remote.

## HOME SCREEN:



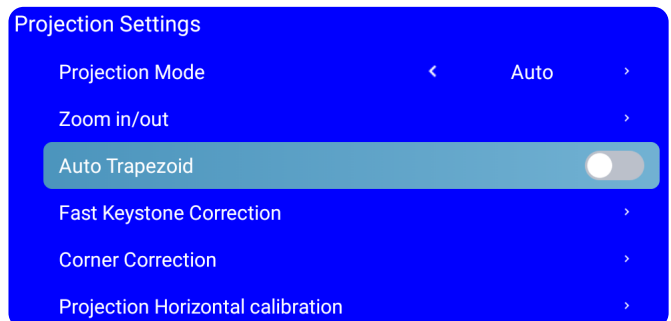
## ADJUSTING FOCUS AND KEYSTONE:

### » Focus:

1. Turn the focus wheel until the image looks clear and sharp.
2. If the picture isn't clear after adjusting, move the projector closer to or farther from the screen.

### » Keystone Correction:

1. To adjust automatically,
  - i. Go to **Settings > Projection Settings : Trapezoid Settings**.
  - ii. Press **OK** to enable **Auto Trapezoid**.
  - iii. Move the projector up or down. It will adjust the keystone automatically.
2. To adjust manually,
  - i. Go to **Settings > Projection Settings : Trapezoid Settings**.
  - ii. Use **< / > / ^ / v** buttons to adjust **Fast Keystone Correction, Corner Correction and Projection Horizontal Calibration** settings.
  - iii. Press **OK** to switch to the next corner.
  - iv. Press the **↶** button to return to the previous screen.



**i** Digital keystone correction is limited to  $\pm 15^\circ$  vertically.  
If the image is still distorted, try adjusting the projector's height.

## CONNECTING TO WI-FI:

1. Go to **Settings > Networking Setting > Wi-Fi Setting**.
2. Make sure Wi-Fi is enabled (top-left corner). The projector will automatically scan for available networks.
3. Select your Wi-Fi network and press **OK**.
4. When on-screen keyboard appears, use **< / > / ^ / v** buttons on the remote to enter the password.
5. Select **Connect** and press **OK**.

**Tip:** Connect a USB keyboard to make typing easier.

## CONNECTING THE CONTROLLERS:

1. Plug the USB dongle into the projector's USB port.
2. Insert 2x AAA batteries in each controller.
3. Switch the controller to **ON**.
4. Wait for the **MODE** light to turn blue (auto pairing). If it doesn't, hold the **MODE** button for 2 seconds.

## USING APPS:

1. Go to **Applications** on the Home screen.
2. Select an app and press **OK** to open.
3. **To add apps to the Home screen:**
  - i. Select **+**, then the app, then press **OK**.
  - ii. Press the **↶** or **HOME** button to return.

## INSTALLING APPS:

1. Open the **Google Play Store** and sign in to download apps.
2. For apps optimised for this projector, go to **Applications** and open the **TvMarket** app.  
**i** Some apps may not be on Google Play. If you can't find an app, try a third-party Android app store or install it manually using a USB flash drive.

## UPDATING PRE-INSTALLED APPS:

- i** If an app doesn't function properly, check for updates.
1. Open the **TvMarket** app from **Applications**, or open the **AppStore** from the Home screen.  
**i** If the app came from third party store, update it from that same store.
  2. Search for the app and check if an update is available.
  3. Press **Install** to update it.

## CONNECTING HDMI DEVICES:

1. Plug in your device using an HDMI cable.
2. Select **HDMI** on the Home screen and press **OK**.

## CONNECTING AUDIO DEVICES:

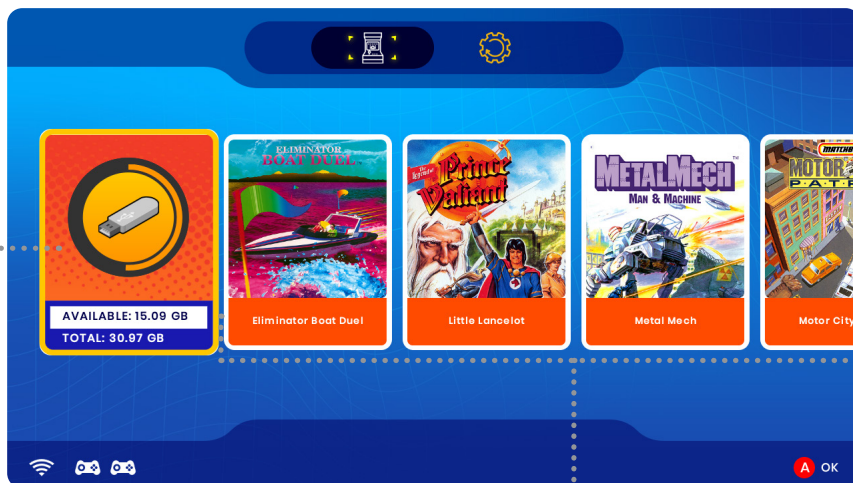
- » **AUX:**
1. Plug a 3.5mm AUX audio cable into the Headphone port.
- » **Bluetooth:**
1. Switch your speaker to Bluetooth pairing mode.
  2. On the projector, go to **Settings > Bluetooth Settings**. It will automatically scan for Bluetooth devices.
  3. Select your speaker and follow the prompts.

## PLAYING RETRO GAMES:

- ⚠** Make sure Wi-Fi is connected.
1. Launch the **GAME BOX** app from the Home screen.
  2. For prompts like "Insert Coin" or "Setup", press **SELECT** on the controller.
  3. To exit a game or the games app altogether, press the **SELECT** and **START** buttons at the same time.



Play your own  
retro games



[GAME BOX app]







Play pre-installed games

## PLAYING YOUR OWN RETRO GAMES:


⚠ Make sure Wi-Fi is connected.

1. Copy your game ROM files into the correct subfolder inside the **gameRoms** folder, located in the root of the **GAMES** drive. Use the table below to match the file extension to the right folder.

### To copy the files:

1. Open the **Files** app from the **Home** screen.
2. Use the direction buttons to go to your USB flash drive, open the folder with your ROM files and press **OK**.
3. Go to the top taskbar and press **OK** on the  **SELECT** icon.
4. Go to the files you want to copy and press **OK**. A  green tick will appear next to each file.
5. Go back to the top taskbar and choose the  file actions icon.
6. On the pop-up options, select **Copy** and press **OK**.
7. Press **OK** again on the  **SELECT** icon to turn it off.
8. Press **OK** on the  **Home** icon to go back to the main screen and select the **GAMES** drive.
9. Find and open the **gameRoms** folder.
10. Choose the right subfolder based on your ROM file type (see table below) and press **OK**.
11. Go to the top taskbar and select the  file actions icon again.
12. Select **Paste** and press **OK**. The files will copy to the selected folder.

### After copying the ROMs to the correct folders:

2. Go back to the **Home** screen and launch the **GAME BOX** app.
3. Click on the  **USB** icon.
4. Select the game category icon.
5. Choose the game name to launch and play it.
6. To exit a game or the games app altogether, press the **SELECT** and **START** buttons at the same time.

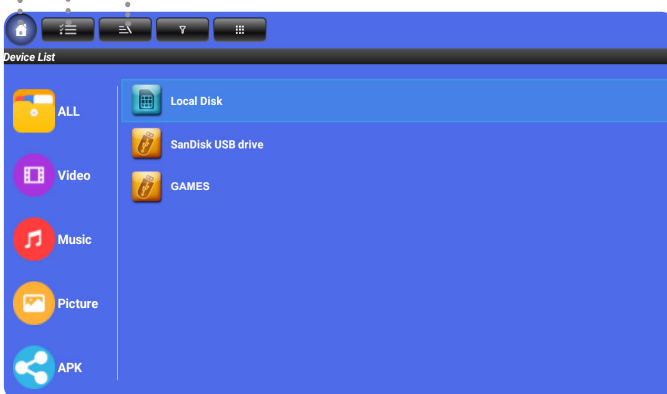
Subfolder	Game File Extensions
arcade (includes cps1, cps2, cps3, pgm)	zip
gb	cgb, dmg, gb, gbc, sgb
gba	cgb, dmg, gb, gbc, sgb
gbc	gb, gbc, gba
gg	gg, bin
md	md, mdx, smd, bin

Subfolder	Game File Extensions
n64	n64, v64, z64, bin, u1
nes (FC)	nes, fds, unif, unif
ngpc	ngp, ngpc, ngc, npc
pce	pce, sgx, cue, ccd, chd, toc, m3u
psp	iso, elf, cso, prx, pbp
ps1	cue, toc, m3u, ccd, exe, pbp, chd, img, bin

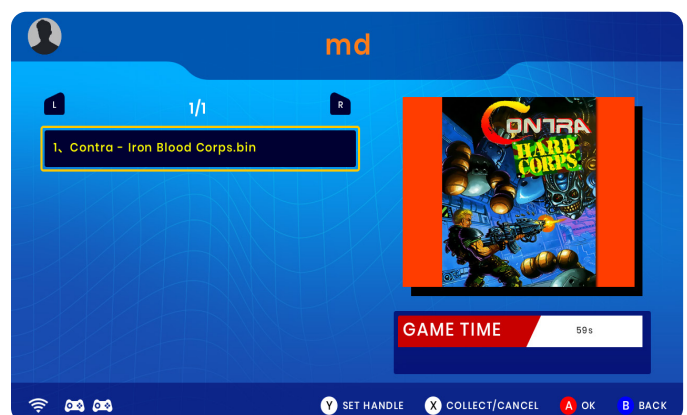
## HOME

**SELECT:** Enable/disable selecting files

**File actions:** Cut/Copy/Paste/etc.)



[ Files app ]



[ GAME BOX app > your Mega Drive games ]

## PLAYING YOUR OWN RETRO GAMES AND GOOGLE PLAY STORE GAMES - TROUBLESHOOTING

This projector lets users play their own retro ROM games and download games from the Google Play Store. However, some games may not work as expected or may not work at all. Compatibility of ROMs and apps can vary depending on the emulator used, file format and system performance. Some games may show display, audio or control issues due to specific setting requirements. The pre-installed emulator configurations cannot be changed. While many titles—especially those tested for Android 13 AOSP or with the included emulators—should run smoothly, full compatibility with all games and apps is not guaranteed. Here's a list of common issues and how to fix them.

### ROM in wrong file format

- » **Problem:** The game doesn't show up or play.
- » **Fix:** Use supported formats only as per the above table.
  - ⚠ Do not unzip `.zip` files unless the emulator requires it.

### ROM in the wrong folder

- » **Problem:** The game isn't listed in the game menu.
- » **Fix:** Copy ROM files into the correct folder on the **GAMES** drive as per the above table.

### No emulator installed for that game

- » **Problem:** The game can't launch or shows an error.
- » **Fix:** Install a matching emulator from the Google Play store.

### App not available in Play Store

- » **Problem:** Game can't be found or installed.
- » **Fix:** Try third-party Android app stores or install the APK file manually using a USB drive.

### Requires Google Play Services

- » **Problem:** App won't run or crashes.
- » **Fix:** Make sure Google Play Services is updated.
- » If it's not working, install from a trusted APK site.

### Touchscreen-only games

- » **Problem:** Game needs a touchscreen to play.
- » **Fix:** Use a USB or Bluetooth mouse.

### Controller not supported

- » **Problem:** Game doesn't respond to button inputs.
- » **Fix:** Look for games that support gamepads.
- » Try using "Octopus" or "Panda Gamepad Pro" apps to map the controller manually.

### Not enough internal storage

- » **Problem:** Game won't download or install.
- » **Fix:** Uninstall unused apps.
- » Move media files to the **Games** drive. Some games allow moving app data to external storage.

### Lag or slow performance

- » **Problem:** Game runs slowly or freezes.
- » **Fix:** Close any apps you recently opened. Restart the projector. Use games that match the projector's hardware limits.

## SAFETY WARNINGS

- » Never look directly into the lens when it's on to avoid serious eye damage.
- » Do not place the projector where air from an air conditioner blows directly onto it, as condensation or high temperatures can cause malfunctions.
- » Keep ventilation openings clear and unblocked to prevent heat build-up inside the projector.
- » Avoid touching the area near the exhaust vent, as it becomes hot during and after use.
- » Do not touch any internal parts, as the unit contains uninsulated voltage that can cause electric shock.
- » Do not attempt to open the projector yourself; only qualified professionals should perform maintenance.



## PROJECTOR SPECIFICATIONS:

- » Model: PJ-GH803B-168
- » OS: Android 13 AOSP
- » Brightness: 300 ANSI Lumens
- » Resolution: 1280×720
- » Projection ratio: 1.5:1
- » Keystone correction: ±15° vertical
- » Lamp type: LED
- » Projection technology: 2.69" LCD
- » Wi-Fi: Dual-band 2.4/5GHz (Wi-Fi 6)
- » Bluetooth: 5.0 (audio out only)
- » Speaker: 2W
- » Inputs: HDMI 2.0, USB-A 2.0
- » Power input: 100-240V~, 50-60Hz
- » Power use: 65W
- » Dimensions: 166×136×126mm
- » Weight: 1.38kg

## SUPPORT:

For help, scan the QR code or visit: <https://help.laserco.com.au/support/home>.

Enter your model number for FAQs, troubleshooting and more.



**Do not throw unwanted electronic devices with household waste.** Follow local rules for battery and electronic waste disposal. For more information or to find a nearby recycling centre, visit: <https://recyclingnearyou.com.au>.

