



CPC 2.0

Cycle Powered Cinema

USER MANUAL

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INTRO

First off, you are **awesome** for being up for an amazing adventure and part of cycling history in New Zealand! This is one of the coolest projects to come out of post-quake Christchurch and is very much a homemade system. It's seen a lot of NZ, so please treat it with love and care to ensure it can continue to be enjoyed nationwide!

We have recently made some dramatic upgrades, in the hope of making it super robust and user-friendly. So we look forward to hearing how your event goes and greatly appreciate all feedback so we can optimise its awesomeness with each use.

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KIT CONTENTS

Boxed up Cinema = 5 Crates
(two large, two flat and one medium)

Large Crates:

- 10 x steel bike stands
- 10 x wooden blocks
- power inverter

Flat Crates:

- 10 x motors

Medium Crate:

- battery
- battery charger
- central control unit
- smart phone for battery monitoring
- 20 x motor bolts
- extra bolts for crates



SET UP

This Cycle Powered Cinema Kit is made up of two main parts:

- 10 x Bike Set Ups
- Power Set Up

The 10 bike set ups connect into the power set up using the 2 'snakes' attached to the central control unit.

Each 'snake' has 5 connection points and have been designed so the bikes can be laid to suit the space available.

So, first take out the central control unit, and unravel the 2 'snakes' to decide on your layout. Then, check out the next page for details of bike and power set ups.





Bike Set Up:

1. Place bike in stand and rotate tops to suit width of bike frame.
2. Use ratchet straps to secure bike in stand.
3. Place motor in stand, slid into bike tyre to ensure good contact with the motor roller and secure using bolts provided.
4. Place block under front wheel and secure front wheel with strap

note: settings will differ depending on geometry of each bike, so this can take some time!



Power Set Up:

1. Layout out inverter, battery and central control unit in order above
2. Read instructions written on each component
3. Check central control unit switch is turned off
4. Connect black and red leads from both inverter and central control unit to battery, following instructions on battery
5. Ensure inverter is turned off, then plug in your AV system set up
6. Turn on phone provided and start battery monitoring app
7. When ready to ride, turn on inverter and central control unit
8. Monitor voltage of battery continuously throughout use to ensure safe operation. Check safe range written on phone cover. Enjoy!



ACKNOWLEDGEMENTS - BIG THANKS!!



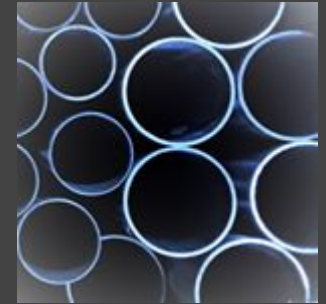
Gap Filler

for having the vision and bringing together the skills to bring this idea to life!



Cycle CHCH

for supporting and encouraging RAD Bikes to become kaitiaki of this kit



Cargo Bike World

for having the generosity and expertise to give the kit in epic upgrade!

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