

ERCOLINO

Caravan Moving Aid

INSTALLATION AND OPERATION MANUAL

INTRODUCTION

Congratulations on your purchase of the ERCOLINO, a powerful *Little Hercules* designed to help you move your single axle RV with ease and efficiency.

APPLICATION

The ERCOLINO is a 12V, motorised jockey wheel which takes the strain out of maneuvering your caravan or trailer in or out of its preferred location, when it is not practical to do so with your tow vehicle. It is easily attached to most existing jockey wheel clamps. In some cases an optional second jockey wheel clamp may be required on the outer side of the A-frame of the caravan/trailer, this is because some clamps are welded on the inside of the A-frame. Nuova Mapa recommends that a double clamp be used in conjunction with the ERCOLINO for optimal performance and safety. The double clamp (part number 450-04810) is a bolt-on, heavy duty double clamp that is suitable for use with all 4", 5" and 6" chassis'. The ERCOLINO should be securely attached to the RV **before** the coupling from the tow vehicle is disconnected. To detach the RV from the tow vehicle, raise the front of the RV by turning the handle on top of the ERCOLINO as you would any other jockey wheel. **The ERCOLINO must not be attached whilst travelling, it must be removed and stored securely for its next use.**

The ERCOLINO should be positioned on the RV with the 12V power connection facing the tow vehicle. This allows for easy access to the connections for the 12V power source and the wired controller. Check beforehand that there is sufficient clearance under the A-frame to allow the ERCOLINO to move and rotate freely.

Before disconnecting the RV from the tow vehicle, ensure the trailer brake is applied. The trailer brake will need to be re-applied once the RV is in position or, when the ERCOLINO is still attached but not being used.

The ERCOLINO electric brake control is not to be used in place of the normal trailer brake. The ERCOLINO electric brake control only works in conjunction with electrically operated brakes (i.e. it will not work with air or mechanical/override brakes).

PERFORMANCE

The ERCOLINO has two powerful 12V motors, enabling it to move single axle RVs (with a maximum total weight of 2000kg) on a flat, level and sealed surface. The ERCOLINO can move a single axle RV (with a maximum total weight of 1500kg) up an incline of up to 10% on a sealed surface.

A 12-pin trailer socket has been included for additional safety. It allows for most 7-pin and 12-pin flat plug wired RVs with electrically operated brakes fitted, to have the added ability to control and operate the RVs' electrically operated brakes, in cases of an emergency, from the wired controller. If the 12-pin trailer socket is not required, simply tie it up, out of the way.

LIMITATIONS OF USE

The ERCOLINO is designed for use on flat, level surfaces of concrete, asphalt, compacted gravel or similar hard surfaces. It is not suitable for use on grass surfaces with depressions or potholes, loose gravel, sand, snow, ice or mud. For optimum performance, the tow ball weight of the RV should be 100 - 200kg. It is also important to keep equal tyre pressures in both tyres on the ERCOLINO at all times. The correct tyre pressure allows the tyres to support the weight of the RV on the ground it is used on. ERCOLINO's tyres should not be underinflated or overinflated. Nuova Mapa recommends keeping ERCOLINO's tyre pressure at 28 - 32P.S.I (190-220Kpa). **An underinflated tyre with an excessive tow ball weight, will cause damage to the transmission drive gears.**

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TRANSPORT

The ERCOLINO is to be stored in a safe, secure and dry area of the tow vehicle or RV when not in use. The ERCOLINO can be picked up by its handle to move it. Its weight is approx. 21 kg, so be sure to use a safe lifting practice when bending down to pick it up.

POWER

1. The ERCOLINO is supplied with a 12V Anderson plug for ease of disconnection. Connect the RVs existing 12V Anderson plug to the ERCOLINO for easy connection. If your RV does not have a 12V LIVE connection at the coupling, connect the supplied cables and plug to a 12V battery within your RV. (Please ensure this feed is fused to protect the supply cables. If the cables need to be extended, please ensure that the correct size cable is used.)
2. Connect the 12-pin trailer socket from the ERCOLINO, to the 7-pin or 12-pin trailer connection on the RV to utilize the RVs electrically operated brakes for emergency purposes only.
3. Connect the curly cable of the wired controller to the socket on the front of the ERCOLINO whilst paying attention to the positioning of all connections on the ERCOLINO. All cables must not get tangled when the ERCOLINO is being used. Do not rotate the ERCOLINO more than 1 full rotation.
4. To activate the ERCOLINO, press the green button on the rear of the ERCOLINO. A green light on the wired controller will confirm that power is present and that the ERCOLINO is ready for use.
5. Keeping a safe distance of approx. 2-3m from your RV, you can start using the wired controller to move the RV. The wired controller comes with directional arrows to show facilitate movement. Press and hold the corresponding keys to move the RV.
6. Whilst in use, the BRAKE button on the wired controller allows you to engage your RVs electrically operated brakes in case of an emergency. When this BRAKE button is pressed, the green light on the wired controller will turn to red to indicate that the RV is currently braked and will not be allowed any further movement. If you need to use this feature, ensure that you can apply the hand brake and chocks to limit further unwanted movement. To release the brakes, press the BRAKE button until the light on the wired controller turns green. Once the light turns green, you can recommence moving the RV. **Electrically operated brakes are only powered by the RVs battery and it is NOT to be used as an alternative to a hand brake.**
7. Once your RV is in its preferred position, turn the ERCOLINO off. To do this, press the green button on the rear of the ERCOLINO the light on the wired controller will also turn off.
8. Apply hand brake.
9. Disconnect all cables and store for later use.

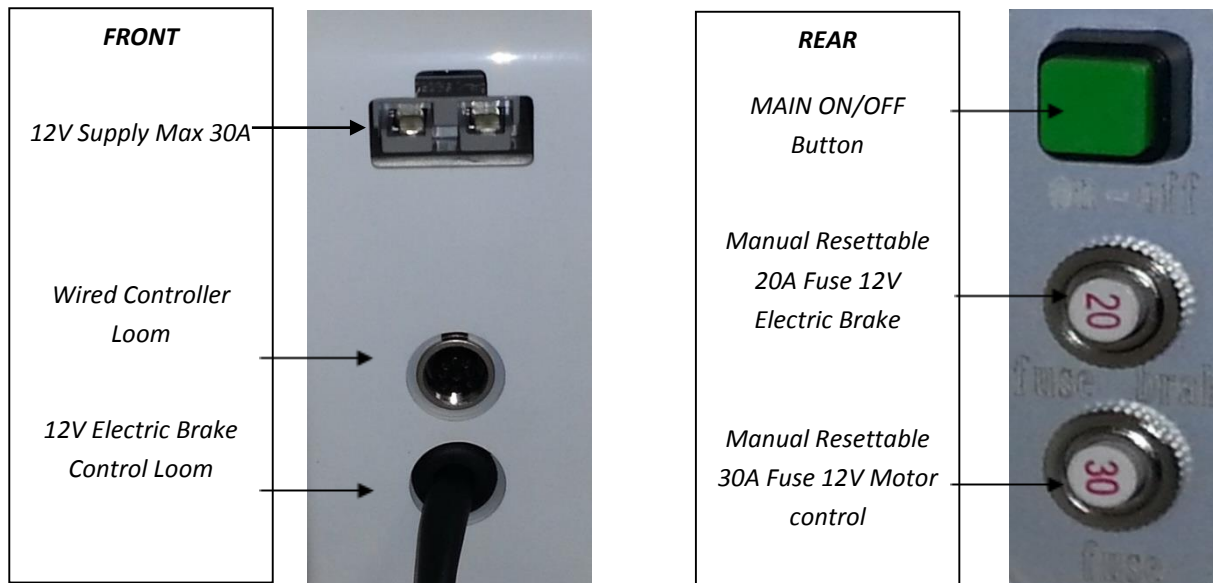
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WARNING

1. Do not immerse in water, even if only partially.
2. Do not expose the ERCOLINO to prolonged periods of rain.
3. Do not use the ERCOLINO for uses other than those listed in this manual.
4. Ensure the ERCOLINO is securely stored during periods of inactivity in a dry place and that it is protected from the weather.
5. For supply voltage, refer to rating plate label located on the rear of the ERCOLINO.
6. The ERCOLINO has two manually resettable fuses located on the rear. Should one of them come into operation, it means that you have exceeded the maximum effort for the motors, a short circuit has occurred, or the electrically operated brakes have been overloaded.
7. Modifications or repairs carried out on the ERCOLINO by unauthorized personnel, will automatically void your warranty. To locate your nearest authorized service centre, please contact Coast to Coast RV Services.
8. The manufacturer reserves the right to make changes or improvements to the product, without prior notice.
9. The manufacturer and distributor of this product does not assume any liability for damages caused or suffered to third parties or property, resulting from the use of this product, or from non-observance of the instructions contained in this manual.

IMAGES



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WARRANTY

For full terms and conditions, please visit www.coastrv.com.au or www.coastrv.co.nz

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