



ME - COW PRO PLUS GUIDE

Thank you for purchasing your Me-Cow!!!!

We are sure you have made an excellent investment for the training of your horses.

Below are a list of Frequently Asked Questions to aid in your Me-Cow setup, operation and maintenance. Please don't hesitate to contact us at any time should you have any further questions or feedback.

In your Me-Cow kit you will find:

- Me-Cow unit
- Wireless remote control (packed in base of unit)
- Stainless steel pulley & bungee cord (packed in base of unit)
- 12V rechargeable battery & charger
- 100 m cord
- heavy duty canvas flag/bag

Important!!

- Check the tension in your cord, it should be firm (so the flag does not drag on ground) **but not super tight**. You may need to raise the height of the Me-Cow and second pulley. You should be able to stretch and pull the rope on and off the pulley on the Me-Cow, if you cannot then it is too tight and you may destroy your pulley!
- We have supplied a bungee cord to secure your second pulley as this provides a little give and will help safeguard against too much tension in your rope and pulley destruction.
- For optimal performance, set up your unit on the same side you use to operate your remote - i.e. if you operate the remote from your right hand set your unit up on the right hand side of your run - left handed remote operators set up unit on left side of run.

- Me-Cow units are shower proof however it is not recommended to leave Me-Cow out in the weather long term (the portability of the units makes moving them easy) Many clients leave their unit outside with a bucket, tarp or bin over the top for protection from weather or dust. Significant weather damage will void your Me-Cow 12 month warranty.
- Make sure the battery terminal connections are not loose, you should feel them click together. Ensure they remain secure when inserting into the foam in the base of the unit. Our batteries work best when they are **frequently topped up** with charge rather than being fully discharged and running completely flat.
- Take care to stop your flag **BEFORE** each end and NOT run your flag into either end pulley! Running your flag into either end will draw extra current into your motor and may blow an internal fuse requiring a replacement fuse.

Set up Guidelines/Tips

We have created a set-up video to watch so you can see how easy and quick it is to set up your Me-Cow <https://www.youtube.com/watch?v=aeiXKyOwFE0>

Me-Cow is highly portable and easy to use so you can set it up in a paddock, front yard or arena (or wherever else you like!)

Have a look at the length and ground area where you wish to set up your Me-Cow - your area should be relatively flat and clear of any obstacles. Average length of rope set up is generally between 20 - 25 metres.

Hang your Me-Cow unit on a hard fixed point (fence, railing, bull bar etc). It doesn't matter if your Me-Cow is on the left or right. Attach your second pulley to a hard fixed point (fence, tree, post etc). Line up your Me-Cow unit so the unit pulley and the supplied second pulley are in a straight line.

Thread rope through the second pulley and cut your rope at your desired loop length and join the ends together - we use a loop and snap hook for easy joining. You can also leave your rope slightly longer and coil the excess rope into your flag/bag to add extra weight and ensure you can use your Me-Cow in different locations without having to cut more rope.

Attach your flag/bag over the join in your rope - this should be on the bottom rope. Depending on wind conditions you can insert some sand/dirt into the bag to minimise flapping.

Turn on your Me-Cow unit - allow 10-15 seconds for the internal software to load up before operating. Your Me-Cow flag will move in your chosen direction whilst you hold down a button and stop when you release the button.

Connecting and recharging the battery

The battery provided is a 7Ah SLA (Sealed Lead Acid) battery. This is enough power to run the Me-Cow for several training sessions – you will be surprised at how long the battery can last before requiring charging.

Your battery is fully charged but for transportation, the battery has been disconnected and will need to be connected before the Me-Cow can be used.

Before connecting the battery, make sure the on/off switch on the side of the Me-Cow is set to “off” - i.e. no red light.

Connect the battery to the red/black wires coming from the base of the Me-Cow, as shown in the picture below. **(The red only wire connects to the red terminal on the battery, and the other wire connects to the black terminal on the battery.)**



In the base of the Me-Cow unit is a holder for the battery. Lay the (connected) battery on its side in the moisture repellant foam provided in the battery holder as shown in the picture below. **Make sure the terminal connections are not loose, you should feel them click together.** Gently push the battery holder (and battery) into the base of the unit.



Recharging the battery is simple. The battery can be charged ad-hoc, or the battery charger can be connected continuously to the battery for ongoing trickle feed charging whilst your Me-Cow is in use. (The charger provided provides further instructions on the performance of the battery charger.)

Plug the charger into your powerpoint. The LED light on the charger will turn OFF whilst charging and will turn ON when the battery is fully charged. Connect the AC charger into the charging socket on the side of the Me-Cow at the bottom, as indicated on the photo below.

Our batteries work best when they are frequently topped up with charge rather than being fully discharged and running completely flat. <http://www.mecowmecow.com/faq>



General remote control operation

Your Me-Cow has a three button wireless remote control with unique RDC Technology (one button reverse direction control) Each button must be pressed and held down to operate then released to stop the flag movement. Take care to stop your flag **BEFORE** each end and NOT run your flag into either end pulley!

The smaller left and right direction control buttons are used to send the unit in each particular direction. The centre button has a unique 'reverse direction' function.

Press and hold either the left or right direction button to start the flag moving then release and press and hold the middle button to reverse the direction you were travelling. You can now continue to press, hold, release the middle button to

operate the Me-Cow from side to side reversing direction each time. If you stop the flag and then wish to continue in the same direction you will need to press and hold the relevant smaller direction button.

Your remote is designed to sit on the side of your index finger. The red tab is the antennae side which should be on the left side of your finger so is always away from your body.

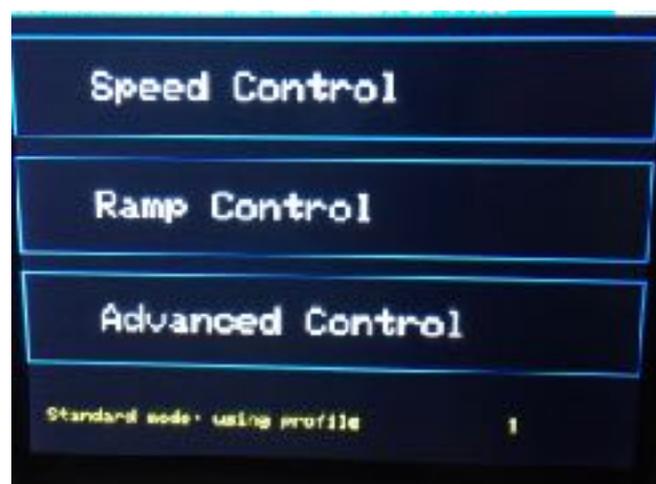


Menu Navigation

Turn on your Me-Cow unit - allow 10-15 seconds for the internal software to load up before operating. You will see the screen light up then the home menu screen will appear.

Your home menu screen gives you 3 areas of operational control for your Me-Cow.

You can return to the main menu screen at any time by pressing the home button (house symbol in bottom right corner)



Speed control

Speed control on the Pro Plus model can be adjusted via the remote control and/or via the touch screen panel on the Pro Plus Me-Cow unit.

From the touch screen

Select Speed Control from the home screen.

Use the + and - buttons to set the speed to your preference. When finished press the 'home' icon on the bottom right to return to the home screen. This will automatically save your chosen speed setting to the training profile you are in.

From the remote control

Speed can only be adjusted whilst flag is stationary.

Press (approx 1/2 sec) and release the right button to adjust the speed of the flag up or the left button to slow the speed of the flag down, the settings will also visibly change on the screen.

It is recommended you practice a little with the remote to become familiar with the button sensitivity and feel for speed change and direction operation.



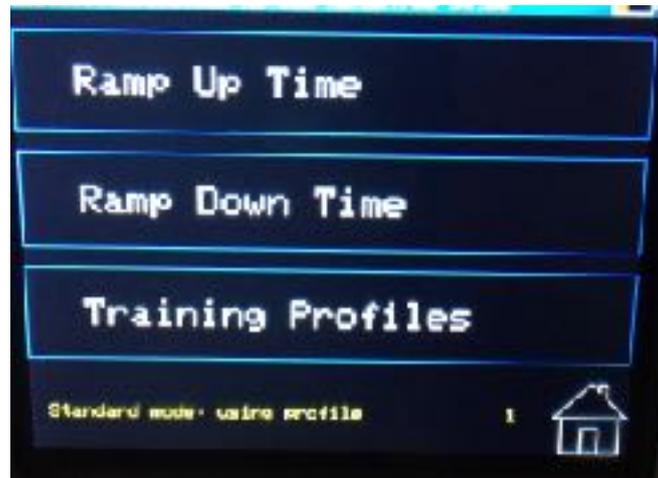
Ramp control and training profiles

Select Ramp Control from the home screen.

You can adjust both:

- Ramp up time - the time it takes for the Me-Cow to accelerate up to your set travel speed (how quickly the flag takes off)

- Ramp down time - the time it takes for the Me-Cow to decelerate to the stop (how quickly the flag stops)

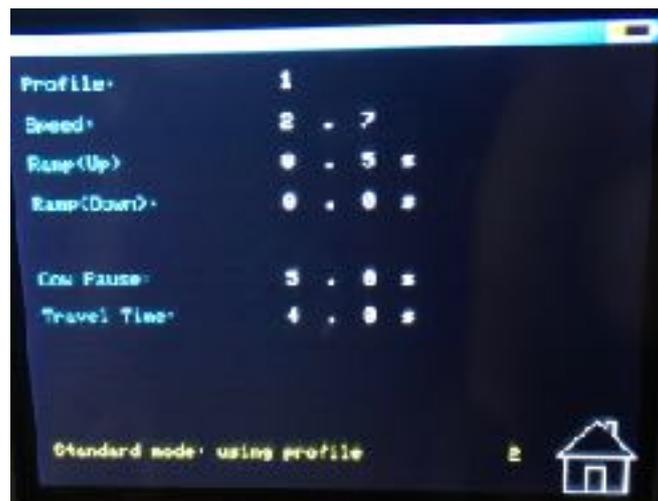


Select Training Profiles

You can save up to 3 different training profiles each with individual speed and ramp setting preferences. Save one profile for each horse you work on your Me-Cow.

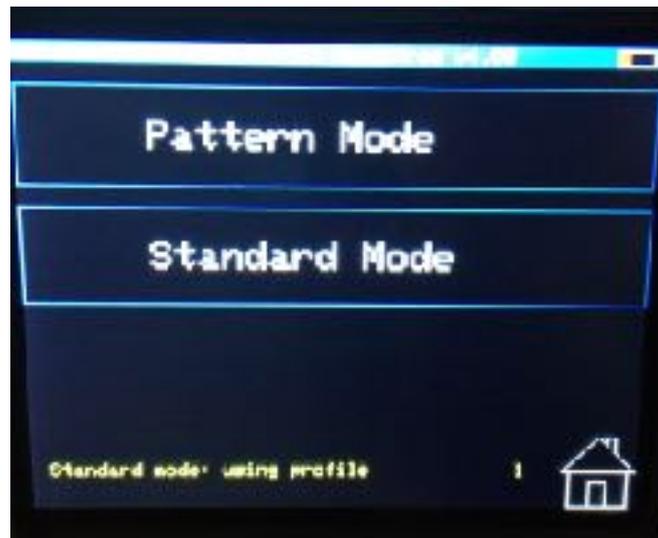
Select the training profile you want to work with, it will open up with the current settings for that profile. You will see your selected profile number appears on the bottom of each screen.

Note - pressing the 'home' icon will automatically save your settings in the current training profile.



Advanced control - Standard and Pattern Modes

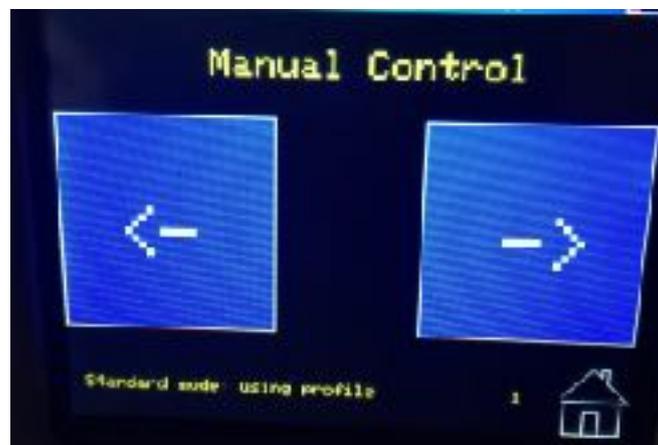
The Advanced control menu allows you to select standard operating mode or pattern mode.



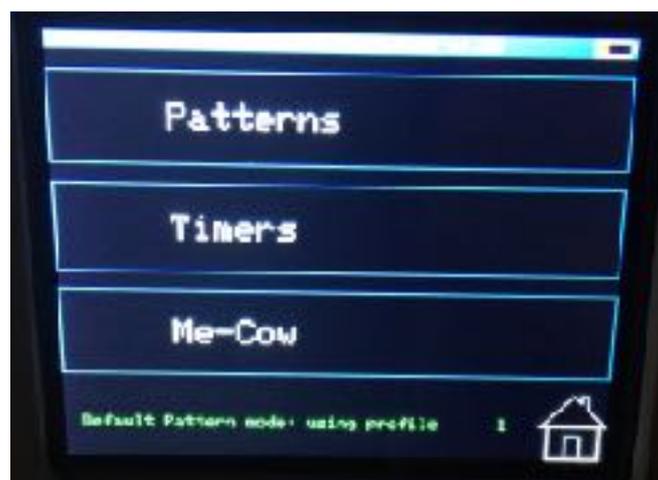
Standard Mode

This screen enables manual control of your Me-Cow unit without the remote control. Simply press and hold the button for the direction you wish to travel in. Release the button when you wish to stop travel.

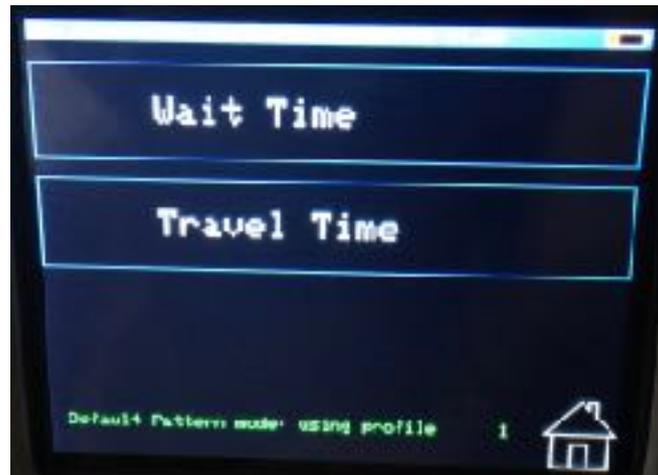
Note: The arrows may be operationally reversed depending on which side your Me-Cow is set up on.



Pattern Mode



Before you start using pattern mode you must set your timers according to your preferences. Select 'Timers' from the menu.



Travel Time

Ensure your selected Travel Time is SHORTER than the time taken for the flag to go from end to end at your chosen speed - otherwise you will run the flag into either end. Running your flag into either end will draw extra current into your motor and may blow an internal fuse requiring a replacement fuse.

Wait Time

Wait time is how long the flag will pause at either end before the next action.

Patterns

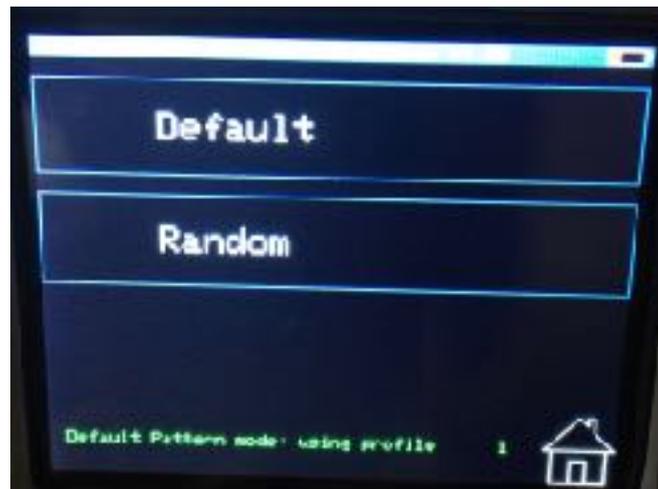
Your Me-Cow Pro Plus has 2 patterns modes available - default and random.

Whilst your Me-Cow is in pattern mode speed control is only available via the touch screen as your remote becomes the start/stop controller.

You will see a small amount of natural creep towards your Me-Cow unit. This is due to the rope friction and motor pulling slightly stronger towards itself.

Default Pattern

This mode will drive the flag for the duration of your set travel time from end to end with your set wait time at each end.



The smaller directional buttons on your remote will **start** the pattern running. The large bottom button on your remote will **stop** the pattern. You only need to press and release each button, not hold them down for operation.

Operation:

1. Use your remote to drive your Me-Cow flag towards the Me-Cow unit end of your run prior to commencing pattern mode. Stop it approximately 2 meters from your unit.
2. Press either of the small direction buttons to start the pattern - the first direction travelled will be the OPPOSITE of the last direction. I.E. if your last movement was driving your flag towards your unit as in step 1 then the pattern will correctly drive away from your unit.
3. Default pattern will continue to operate until you stop it.
4. **Take care to ensure your set travel time does not cause your flag to run into either end.** Use the larger remote button (STOP button) to prevent this occurring if necessary.
5. If you change your speed of travel you may also need to change your travel time

Random Pattern

This mode has a randomised action function which changes each time you run the pattern so no two patterns will be exactly the same.

The smaller directional buttons on your remote will **start** the pattern running. The large bottom button on your remote will **stop** the pattern. You only need to press and release each button, not hold them down for operation.

Operation:

1. Use your remote to drive your Me-Cow flag towards the Me-Cow unit end of your run prior to commencing pattern mode. Stop it approximately 2-3 meters from your unit.

2. Press either of the small direction buttons to start the pattern - the first direction travelled will be the OPPOSITE of the last direction. I.E. if your last movement was driving your flag towards your unit as in step 1 then the pattern will correctly drive away from your unit.
3. Random pattern will continue to operate until you stop it.
4. **Take care to ensure your set travel time does not cause your flag to run into either end.** Use the larger remote button (STOP button) to prevent this occurring if necessary.
5. If you change your speed of travel you may also need to change your travel time

Troubleshooting checklist

If you find that your Me-Cow is not working:

1. Have you blown a fuse? CAREFULLY unscrew your front cover off and check the internal operating boards 2x mini blade fuses to ensure they are not blown. You can use either 10 or 15amp mini blade fuses to replace.
2. Is the Me-Cow unit battery fully charged? What color is the battery charge bar (top right of screen for Pro and Plus Models). If the battery has been dead flat it may need to be brought back up via an external trickle charger. **This SLA style of battery used LOVES to be kept topped up.** You may need to look at purchasing a new battery this should only cost around \$30 from anywhere that sells batteries.
3. When was the last time you changed the remote battery? We recommend every 6-9 months or so depending on use. When you replaced the battery in the remote make sure everything is aligned correctly inside before closing.
4. For Pro and Plus Models use the touch screen and ensure your ramp up and ramp down settings are on zero. That ensures no delays in acceleration for the sake of testing.
5. When using the remote ensure the buttons end of the remote is towards your hand and the no buttons part is away from you (that's where the antenna is) to maximise signal
6. If you hold the remote in your right hand then set your Me-Cow up on the right side of your working area and vice versa for the left hand and side.

7. If you take the rope off the Me-Cow and then use the remote to drive it what happens? Are there still issues? If not then the issue is with your rope and idle pulley.
8. Check your idle pulley at the other end. If you hold it up and draw your finger down the pulley from top to bottom does it continue to spin freely? If not then the pulley needs replacing and will be impacting performance.
9. Check your rope tension. Your flag should be off the ground in the centre but still easily able to be lifted off the drive pulley on the Me-Cow. If you have a long run you will need to raise the ends of your run to accommodate the sag. Our units have a deep vertical pulley and run from a DC battery so do not need to be super tight.