Electric Eel Wheel Yarn Counter User Manual
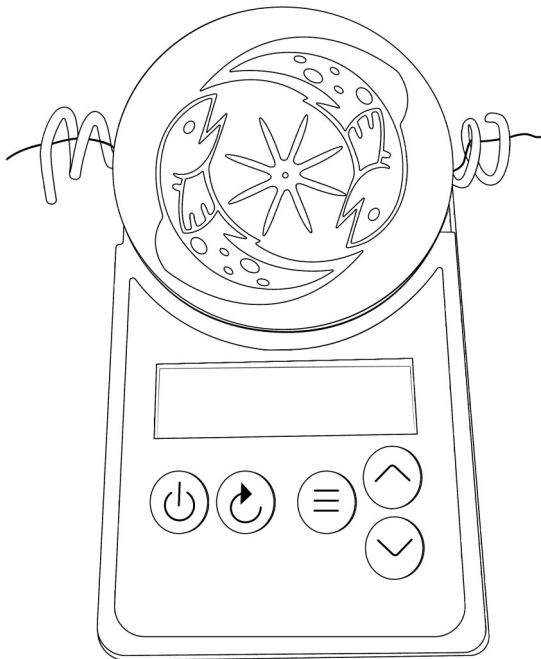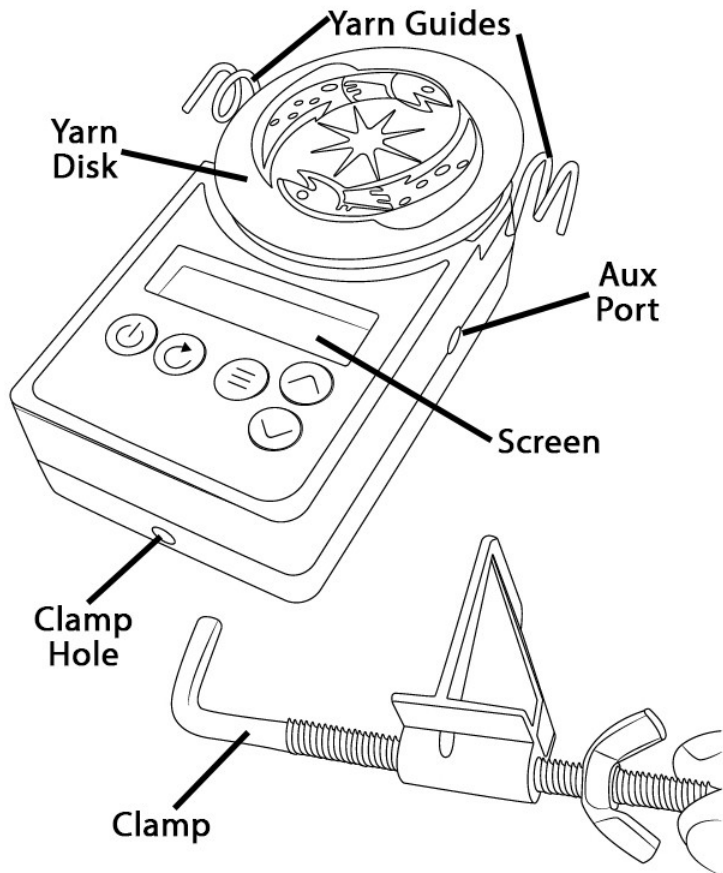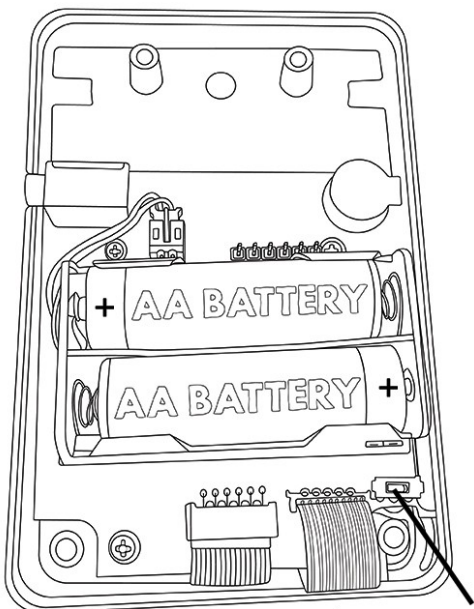
Thanks for being part of the EEW community! The EEW Yarn Counter is a thoughtfully designed yarn measuring tool. This manual will help you get started with your new yarn meter.

Yarn Guides

Yarn Disk

Aux Port

Screen

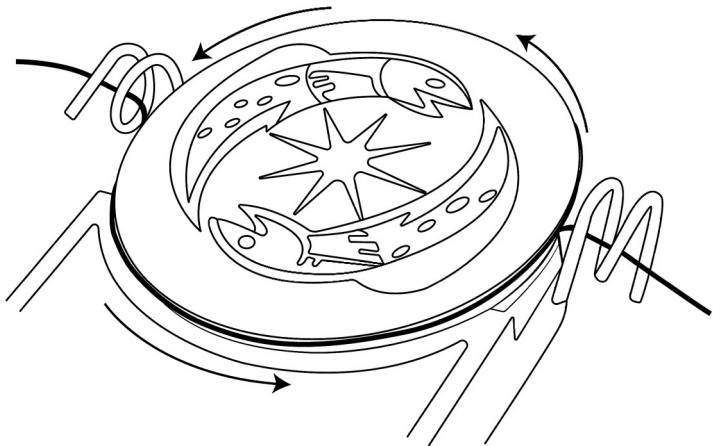Clamp Hole

Clamp

Getting Started

Open the EEW Yarn Counter by pulling the top and bottom halves of the yarn counter case apart. It is held together with magnets. Once open, install 2 AA batteries. You can use either rechargeable NiMH batteries or non-rechargeable alkaline batteries. You should not use any type of AA battery that has a higher voltage than 1.6V per cell.
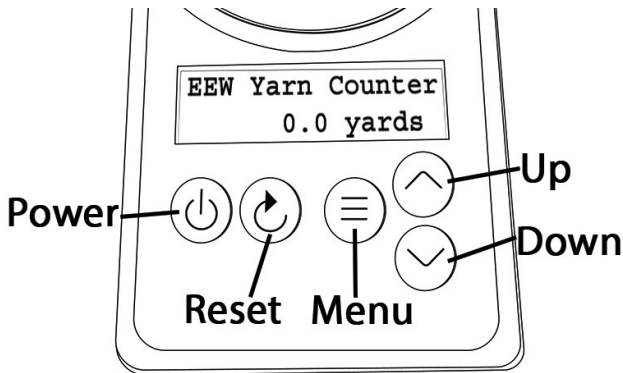

Screen Flip Switch

Threading Yarn

To thread the yarn on the EEW Yarn Counter, pull the yarn through one of the yarn guides and around the disk. Then go through the yarn guide on the opposite side. For thinner yarns you can go around the disk one and a half times. For very thin yarn, if you find your yarn still slips, you can wrap it around again. For bulky yarn go around the disk half a time. The direction you thread and pull the yarn through this counter does not matter.

Menus

The top line on the display tells you which menu you are currently viewing. Press the Menu button to cycle to the next menu. The up and down arrow keys are used to select different values in some of the menus. Press the Reset button to zero your count and return to the Main Menu. Below is a description of all the menus.

EEW Yarn Counter

This is the main menu and displays the length of your yarn in either metres or yards.

Yarn WPI:

Use your included plastic EEW Yarn Counter card to determine the diameter of your yarn (WPI, or wraps per inch) and enter the closest value to get more accurate yarn length measurements. If you don't

want to use this feature then just leave it on the default 80 WPI and for thicker yarns it will report a slightly shorter length than the yarn actually is (about 6% shorter for 8 WPI yarn).

Units:

Select yards or metres.

Target Length:

If you want the yarn counter to beep when it reaches a specific length, enter that number here. This specified length will also turn off any device connected through the AUX port. If you set this to 0 it will never beep.

Key Beep:

Set this to Yes if you want a small beep when any button is pressed, or No if you want button presses to be silent.

Battery Voltage:

This menu displays the version of your software and the voltage of your battery. You can use this battery voltage to learn when your batteries might need replacing. Different types of AA batteries have different low voltages, so you'll want to look online for more information about when your specific batteries should be replaced or you can just use them until the screen shuts down.

Other Features

Removing the batteries will reset factory default settings.

The included clamp can be used to attach this yarn counter to a table or the key holes in the bottom case can be used to screw it to another surface. There are holes to attach this clamp on both the front and back of the yarn counter. If you find the screen is upside down based on how it's attached, there is a switch on the inside to flip the screen orientation. See the image on page 2 for the location of this Screen Flip Switch.
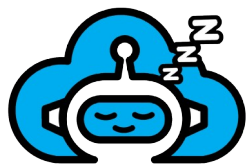
This device is designed to have a very long battery life (over a year of typical use). To help preserve battery life this device automatically turns off if no buttons are pressed or no yarn movement is detected for 30 minutes.

Other Resources

• www.dreamingrobots.com/yarn-counter has updated instructions and videos. There is also an FAQ.

• www.ravelry.com/groups/electric-eel-wheel is a great online community for the EEW.

• www.facebook.com/groups/ElectricEelWheel is the official Facebook group for the EEW.

Scanning this with your phone will take you to
www.dreamingrobots.com/yarn-counter

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