Ferei HL40II QuickStart Guide

Running in the dark isn't much fun or very safe, but you've made the smart decision to invest in the Ferei HL40II 1000 lumen rechargeable headlamp from Run Vault! This is a headlamp that will give you many years of trouble-free performance & light up the darkest trails.

You've just taken it out of the packaging, so now what?

It's worth reading over the user manual that comes with the headlamp for more details, but I'll go over the basics to get the headlamp ready & to get you out on the trails as quickly as possible.

1. **How to insert the battery & to charge for the first time**

The headlamp uses a rechargeable battery that you'll need to insert into the battery compartment attached the rear band of the headlamp. The smaller (positive) terminal goes in first, with the larger (negative) terminal facing up towards the screw on cap, as per the photo below. Once the battery is installed you can go ahead & unscrew (unplug) the cable from the other end of the battery compartment, ready to charge up the battery for your first run. With the AC wall charger plugged into mains power & the other end plugged into the battery compartment socket, the charging indicator should be red, indicating that the battery is being charged. Once the battery is fully charged (up to 4 hours for the first charge), the indicator will turn green. If you have any issues, you should double check that the battery is correctly installed.

2. Using the switch – Low/Medium/High

The switch for controlling the headlamp is located on the right front of the elastic strap and is a waterproof soft-touch rubber design. The first press of the button will activate low brightness mode, the second touch will activate medium brightness & a third touch will activate full brightness. Another press will switch the headlamp off. You will find that you will use medium brightness most of the time, which is more than bright enough and provides around 7.5 hours of battery burn time. The high brightness setting is only needed for very dark & technical trails, but if you choose to use it you will still get around 4 hours battery burn time. There are other custom modes that can be used, but please refer to the user manual if you'd like to learn more about these additional modes.

3. Adjust the straps for the first time

Arriving to the dark trails with your new HL40II & putting in on for the first time is not recommended. There are two adjustments that can be made – the strap that goes around your head needs to be tight enough so that the headlamp doesn't slip around, but not so tight that it gives you a headache. There is a silicone material attached to the inside of this band that helps to stop this type of slippage. There is also the band that goes across the top of your head that can be adjusted. The best way to get a comfortable fit is to put the headlamp on while looking in a mirror & then making the adjustments as needed. Once you've got it set up & it's comfortable, you'll usually only need to readjust when you're putting the headlamp on over the top of a Buff or hat.

4. Adjusting the beam width to suit your environment

This headlamp has a sometimes-forgotten feature, which is that the width of the beam of light can be adjusted to suit the type of trail you're running, or for personal preference. If you grab the aluminium lens at the front of the headlamp you will find that it can slide forwards or backwards and this will change the beam from a long pencil beam, gradually to a wide flooding beam. This can be adjusted on the fly, or just left in a position that feels right for you in most situations.

5. External battery & extension cable

If you decide that you'd like longer burn time because you've entered a 100K or 100 Mile race, or you're planning overnight hikes, you can add an external battery to your HL40II which will drastically increase battery life. Using the extension cable & external battery available at Run Vault, you can achieve over 17 hours burn time using the medium brightness setting. The standard battery can be left in place & used to provide even more battery life, or it can be removed from the rubber housing to cut down on weight.

Generally, you would stash the external battery in your race vest or hiking pack, with the extension cable run up over your shoulder to the power cable on the headlamp. The extension cable utilises screw-on waterproof connectors to seal the connections at either end, meaning that you don't need to worry about rain or storms.

If you have any problems getting your headlamp setup, or have any questions, please reach out via email or our store message service.

Happy Running!