

Heated insoles user manual

Installation

Make sure to check the polarity before connecting the converter to the battery! The red wire is +12v, the blue wire is GND. You should use a 1,5A fuse. It is best to use a switch to be able to control the insoles when flying.

In some exceptional cases interference can be heard on the radio when using power converters. If this is the case with your installation, you can use ferrite filters to get rid of the interference. Install the ferrite filters as close as possible to the converter, on both the input and output power cables.

Trimming the insoles

Be careful when trimming the insoles. Do not cut within the size 38 line. You could damage the heating element!

Choosing an external battery unit

On Ebay look for "12000mAh power bank" or "li-ion battery pack". Prices range from 13 to 20 USD for suitable battery packs ranging from 5000mAh to 12000mAh. A 5000mAh battery pack will supply your insoles for well over 6 hours of power.

Make sure when selecting a battery pack or power bank that the USB output can handle at least 1A.

Warning

If you have the USB version of the insoles (without converter), make sure your external battery's USB output can handle the current of at least 1A. A single insole has a power drain of about 350mA. Therefore do not attempt to test the insoles in your computer's USB port. Most computer USB ports can not handle more than 500mA!

The power converter has an adjustable output voltage. A screw is located on top of the converter. The converter is configured for the 5v output. Changing the setting of the converter will damage the insoles if the voltage is adjusted above 5v! The heat shrink will make it impossible to adjust the screw. Do not remove the heat shrink foil.

Thank you for purchasing the MillenAir heated insoles. You will enjoy your winter and spring flights much more!

