



MOBILE DEVICE RF SHIELDING ENCLOSURE

USAGE INSTRUCTIONS

- Place device(s) inside the BlockBox Lab.
- If charging, use the power or USB connection in the power strip. *Be aware that this is a universal power strip, and may require you to move the plug from side to side when pushing into strip. Some customers are operating in environments where they need universal; it will not affect your outlet.
- To transfer data outside of the enclosure, use the filtered USB ports on the left side. Connect additional cords to the outer shielded USB ports and power outlet to enable device connectivity. Please note that connecting the enclosure to power will not power the USB ports in the filter. The USB ports are passthrough, meaning that one side must be connected to a cable on the other side to transfer data or receive power.
- To connect to the RJ-45 port, place device inside and connect to the filter block. Connect the RJ-45 cable to the exterior side of the port and then into the ethernet outlet.
- Please note: If using GrayKey, place it inside of the enclosure and connect to the RJ-45 port.
- Only the supplied USB and ethernet cables should be used externally. If other cables must be used, ensure that they are shielded. For RJ-45, only Cat 8 or higher cables with STP should be used.
- Turn on the LED light array to illuminate the enclosure (if desired) before shutting the lid. Close the lid and seal tightly with the latches to ensure that a tight connection is made between the lid and the base.
- Insert hands into the shielded conductive gloves to operate device(s) inside.
- Keep the lid open when not in use to alleviate pressure on the seals.

CARE

The Mission Darkness BlockBox Lab should not come into contact with water or chemicals. If you must clean, dampen a rag and lightly wipe away residue. Please take extreme caution if using scissors inside, and always keep unnecessary sharp objects away from the enclosure to reduce the chance of puncturing the gloves. Special care should be taken when using the shielded gloves to keep them in optimal condition and extend the shielding life.



The operator should have clean and dry hands before inserting them into the gloves. Hand jewelry should be removed, no sharp or abrasive objects should come into contact with the material, and extreme pressure on seams should be avoided. Medical gloves can be worn inside of the shielded gloves to prevent residue and oils from transferring to the shielded gloves.

GLOVE AND SEAL REPLACEMENT INSTRUCTIONS

Frequent handling over time, or improper usage may wear out the seals and gloves, resulting in the need for replacement. An extra set of gloves and seals has been provided in the BlockBox Lab accessory kit.

SEAL REPLACEMENT

To change the seals, first remove the old seals lining the base and lid. Insert the new seals into their allotted space with the adhesive side down. Use of the adhesive tape on the underside is not typically necessary, but can be used to ensure that the seals stay in place.



GLOVE REPLACEMENT

To change the gloves, use a screwdriver to unscrew the pipe clamps from the inside, then remove the old gloves. Set the new gloves far back and completely surrounding the circular glove mounts. Make sure the finger locations are properly configured for use. Hold the pipe clamps in place and tighten. The clamp must be extremely tight, or signal may leak. Be careful while clamping the gloves in place to not rip the material.



TEST FREQUENTLY

Test the BlockBox Lab frequently to make sure no signals are penetrating the enclosure. A signal analyzer is preferred for testing. If you do not have a signal analyzer, the Mission Darkness testing app may be used ("Faraday Test" for iOS or "MD Faraday Bag Tester" for Android). Please note that the effectiveness of the app is only related to the device in which it is used. For this reason we do not recommend only testing with the app. If signal leakage is detected, try replacing the gloves and seals as described above.

Contact us for support or sales:

Item# MDFB-BBL-RJ45 & MDFB-BBL-XL-RJ45



Tel: +1-805-318-3212
www.mosequipment.com
info@mosequipment.com

