

# COBRA Annual Equipment Maintenance Checklist

The purpose of this document is to provide best practices for annual maintenance of your COBRA equipment. Please note that it's not required to perform this level of maintenance, but rather something you can perform optionally to ensure the best performance of your equipment.

<b>Remotes</b>	<ul style="list-style-type: none"><li>• Remove batteries, inspect contacts to ensure no corrosion or visual damage.</li><li>• Confirm battery contacts are bowed out at a similar distance and that the batteries snap in tightly.</li><li>• Check all buttons to confirm none are sticking and that they bounce back after release.</li><li>• Check all LEDs and 7-segment displays. Note that if an LED or 7-segment display bar is not functioning, the unit will still operate normally.</li><li>• Check the antenna connector, and confirm there is no corrosion or damage. Ensure the antenna screws on smoothly and the antenna connector does not rotate freely.</li><li>• For the 18R2, confirm the USB connector and other connectors such as SMTPE or Deadman are not damaged, corroded or have any physical issues.</li><li>• Confirm the battery door snaps on and off correctly.</li><li>• Store in a dry, room temperature environment.</li><li>• Confirm signal strength, at ~30m, raised up ~1m, you should see between -35 and -45dB on average.</li></ul>
<b>Modules</b>	<ul style="list-style-type: none"><li>• Remove batteries, inspect contacts to ensure no corrosion or visual damage.</li><li>• If you have LiPo batteries, they can be stored charged, as our units only charge to 85%, However to maintain a healthy battery for as long as possible, we suggest to discharge them to ~50% before storing for long periods of time. No need to remove the LiPo battery.</li><li>• Confirm battery contacts are bowed out at a similar distance and that the batteries snap in tightly.</li><li>• Check all buttons to confirm none are sticking and that they bounce back after release.</li><li>• Check all LEDs and 7-segment displays. Note that if an LED or 7-segment display bar is not functioning, the unit will still operate normally.</li><li>• Check the antenna connector, and confirm there is no corrosion or damage. Ensure the antenna screws on smoothly and the antenna connector does not rotate freely.</li><li>• For the 36M, 72M or 90M, confirm the USB connector or other connectors are not damaged, corroded or have any physical issues.</li><li>• For any cue strips, DB25, CEN50, or Quick Plug connectors, use a coarse paint brush to remove any debris. For cleaning, do not use any chemicals, a damp wet cloth is sufficient.</li><li>• Confirm the battery door snaps on and off correctly.</li><li>• Store in a dry, room temperature environment.</li><li>• Confirm signal strength, at ~30m, raised up ~1m, you should see between -35 and -45dB on average</li></ul>
<b>Audio Box</b>	<ul style="list-style-type: none"><li>• Remove batteries, inspect contacts to ensure no corrosion or visual damage.</li><li>• If you have LiPo batteries, they can be stored charged, as our units only charge to 85%, However to maintain a healthy battery for as long as possible, we suggest to discharge them to ~50% before storing for long periods of time. No need to remove the LiPo battery.</li><li>• Confirm battery contacts are bowed out at a similar distance and that the batteries snap in tightly.</li><li>• Check all buttons to confirm none are sticking and that they bounce back after release.</li><li>• Check all LEDs to confirm normal operation.</li><li>• Check the antenna connector confirming no corrosion or damage. Ensure the antenna screws on smoothly and the antenna connector does not rotate freely.</li><li>• Confirm the USB connector or other audio connectors are working properly and don't show any visual damage.</li><li>• Confirm the battery door snaps on and snaps off correctly.</li><li>• Store in a dry, room temperature environment.</li><li>• Confirm signal strength, at ~30m, raised up ~1m, you should see between -35 and -45dB on average.</li></ul>
<b>Slats, Cables and Other Equipment</b>	<p>For slats, cables, and other equipment, the most important is to perform a visual and functional test of the units ensuring buttons, contacts, and connectors are operating normally. For any cleaning, please use a coarse paint brush and damp cloth to clean off equipment.</p>