

QSC SUBWOOFER CASTER KIT

QSC E18SW Passive Subwoofer Caster Kit User Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the QSC E18SW Passive Subwoofer Caster Kit. This kit is specifically designed for use with QSC KLA 181 and E18SW subwoofers, enabling easier mobility. The kit includes four 3-inch caster wheels with a 76mm x 44mm mounting bolt pattern.

SETUP AND INSTALLATION

Before beginning installation, ensure you have the following components and tools:

- Four (4) 3-inch caster wheels
- Mounting bolts (included)
- Washers (included)
- Appropriate wrench or screwdriver (not included)



Figure 1: Complete QSC E18SW Caster Kit components, showing four black caster wheels, accompanying mounting bolts, and washers.

Installation Steps:

1. **Prepare the Subwoofer:** Carefully place your QSC KLA 181 or E18SW subwoofer on its side or back to access the bottom panel where the casters will be mounted. Ensure the subwoofer is stable and cannot tip over during installation.
2. **Identify Mounting Points:** Locate the pre-drilled mounting holes on the bottom of the subwoofer. These holes are designed to match the 76mm x 44mm bolt pattern of the caster plates.



Figure 2: Detail of the caster's top plate, highlighting the four bolt holes for mounting.

3. **Attach Casters:** Align one caster wheel's mounting plate with the corresponding holes on the subwoofer. Insert the provided mounting bolts through the caster plate and into the subwoofer's mounting points. Place a washer under each bolt head before tightening.
4. **Secure Bolts:** Using an appropriate wrench or screwdriver, tighten all mounting bolts securely. Do not overtighten, as this may damage the subwoofer or the caster plate. Ensure the caster is firmly attached and does not wobble.

5. **Repeat for Remaining Casters:** Follow steps 3 and 4 for the remaining three caster wheels.
6. **Verify Installation:** Once all four casters are installed, carefully return the subwoofer to its upright position. Gently test the mobility of the subwoofer to ensure all casters roll smoothly and are securely attached.

OPERATING INSTRUCTIONS

The QSC E18SW Caster Kit is designed to facilitate easy movement of your subwoofer. Follow these guidelines for safe and effective operation:

- **Movement:** To move the subwoofer, gently push or pull it in the desired direction. Avoid sudden, forceful movements that could damage the casters or the subwoofer.
- **Surface Considerations:** The casters are suitable for multi-surface use. However, exercise caution on uneven or soft surfaces to prevent tipping or getting stuck.
- **Locking Mechanism:** If your casters include a locking mechanism (not explicitly stated for this model, but common for casters), engage the locks when the subwoofer is in its desired stationary position to prevent unintended movement.
- **Weight Capacity:** The casters are designed to support the weight of the compatible QSC subwoofers. Do not exceed the intended load capacity by placing additional heavy objects on the subwoofer while it is on the casters.





Figure 3: Side view of a caster wheel, illustrating its robust construction for mobility.

MAINTENANCE

Regular maintenance helps ensure the longevity and smooth operation of your caster kit:

- **Cleaning:** Periodically clean the wheels and axles to remove dust, dirt, and debris that can impede smooth rolling. Use a damp cloth; avoid harsh chemicals.
- **Inspection:** Regularly inspect the casters for signs of wear, such as cracks in the wheel material, bent brackets, or loose bolts.
- **Lubrication:** If the wheels or swivel mechanisms become stiff, a small amount of silicone-based lubricant can be applied to the axle and swivel bearings. Avoid oil-based lubricants that can attract dirt.
- **Tighten Fasteners:** Check and retighten all mounting bolts periodically to ensure they remain secure.

TROUBLESHOOTING

If you encounter issues with your caster kit, refer to the following common problems and solutions:

- **Caster Not Rolling Smoothly:**

- Check for debris (hair, string, dirt) wrapped around the axle or stuck in the wheel. Clean as necessary.
 - Ensure the wheel is not damaged or warped.
 - Apply lubricant to the axle and swivel mechanism if stiffness persists.
- **Caster Feels Loose or Wobbly:**
 - Inspect the mounting bolts. Tighten any loose bolts.
 - Check the caster bracket for any signs of bending or damage. If damaged, replacement may be necessary.
- **Subwoofer Tipping Easily:**
 - Ensure the subwoofer is placed on a level surface.
 - If casters have locks, ensure they are engaged when the subwoofer is stationary.

SPECIFICATIONS

Feature	Detail
Model	SUBWOOFER CASTER KIT
Brand	QSC
Color	Black
Unit Count	4.0 Count
Item Weight	7.5 Pounds
Mounting Type	Bolt Mount, Wheel Mount
Wheel Width	2 Inches
Item Dimensions (L x W x H)	9 x 6 x 7 inches
Surface Recommendation	Multi-Surface
Compatible Subwoofers	QSC KLA 181, QSC E18SW

WARRANTY INFORMATION

The QSC E18SW Passive Subwoofer Caster Kit comes with a **3-year warranty**. For detailed terms and conditions, please refer to the official QSC warranty documentation provided with your product or visit the QSC website.

SUPPORT AND CONTACT

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact QSC customer support. You can typically find contact information on the official QSC website or through your product's original purchase documentation.

Online Resources: Visit the official QSC website for product registration, FAQs, and additional support materials.

ADDITIONAL RESOURCES



Video: QSC 50 and Forward - Feature. This video provides a general overview of QSC as a brand and its commitment to audio innovation. While not specific to caster installation, it offers insight into the manufacturer's quality standards.

(Duration: 9:57)