

# Surround Mounting Brackets



## User Manual

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QM-SW (Side Wall, 0°) Surround Mounting Bracket

QM-BW (Back Wall 8°) Surround Mounting Bracket

For the following Cinema Surround Loudspeakers

SR-1000

SR-1290

SR-800

SR-1020

SR-1590

SR-8100

SR-1030

SR-18

SR-8101

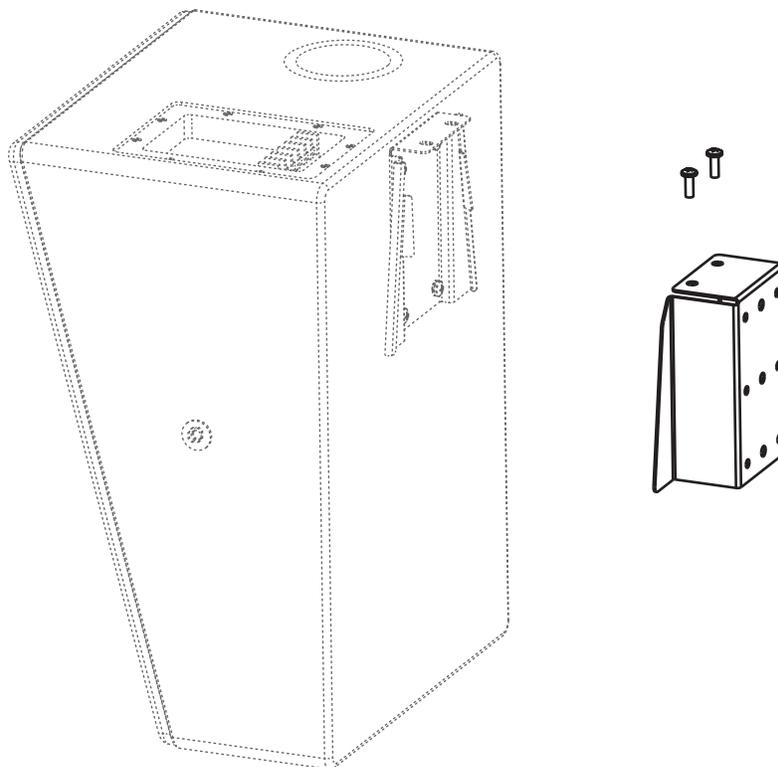
SR-110

SR-26

SR-8200

SR-110B

SR-46



TD-000381-01-C



## EXPLANATION OF SYMBOLS

The term "**WARNING!**" indicates instructions regarding personal safety. If the instructions are not followed the result may be bodily injury or death.

The term "**CAUTION!**" indicates instructions regarding possible damage to physical equipment. If these instructions are not followed, it may result in damage to the equipment that may not be covered under the warranty.

The term "**IMPORTANT!**" indicates instructions or information that are vital to the successful completion of the procedure.

The term "**NOTE**" is used to indicate additional useful information.



The intent of the lightning flash with arrowhead symbol in a triangle is to alert the user to the presence of un-insulated "dangerous" voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to humans.



The intent of the exclamation point within an equilateral triangle is to alert the user to the presence of important safety, and operating and maintenance instructions in this manual.



### IMPORTANT SAFETY INSTRUCTIONS



1. Keep these instructions.
2. Heed all warnings.
3. Follow all instructions.
4. Clean only with a dry cloth.
5. Do not block any ventilation opening. Install in accordance with the manufacturer's instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
7. Only use attachments/accessories specified by the manufacturer.
8. Adhere to all applicable, local codes.
9. Consult a licensed, professional engineer when any doubt or questions arise regarding a physical equipment installation.



**WARNING!:** Installing loudspeakers must be performed by experienced professionals. Incorrectly installed loudspeakers may result in property damage, injury or death.



**WARNING!:** Read and follow these instructions carefully. If the loudspeakers are not suspended properly, they could fall, causing personal injury and damage to the equipment.

### Rules for Suspension

1. Consult a Professional Mechanical or Structural Engineer, licensed in the jurisdiction of the sound system installation, to review, verify, and approve all attachments to the building or structure.
2. Employ the services of a Professional Rigger for hoisting, positioning, and attaching the equipment to the supporting structure.
3. Correct use of all suspension hardware and components is imperative in sound system suspension and deployment.
4. Always calculate suspended loads before lifting to make sure suspension components and hardware are used within their respective load limits.
5. Consult local codes and regulations to fully understand the requirements for suspended loads in the venue in which you will suspend the equipment.
6. Use only the recommended brackets with the M8 and M6 installation points.
7. Be absolutely certain of the integrity of any structural member intended to support suspended loads. Hidden structural members can have hidden structural weakness.
8. Never assume anything! Owner or third-party supplied suspension attachment points may not be adequate for suspending the loads.



**WARNING!:** Overhead installations require a safety cable (not included) attached to the structure and the loudspeaker enclosure.



**WARNING!** Before placing, installing, rigging, or suspending any speaker product, inspect all hardware, suspension, cabinets, transducers, brackets and associated equipment for damage. Any missing, corroded, deformed or non-load rated component could significantly reduce the strength of the installation, placement, or array. Any such condition severely reduces the safety of the installation and should be immediately corrected. Use only hardware which is rated for the loading conditions of the installation and any possible short-term unexpected overloading. Never exceed the rating of the hardware or equipment. Consult a licensed, professional engineer when any doubt or questions arise regarding a physical equipment installation.

## Warranty

For a copy of the QSC Limited Warranty, visit the QSC website at [www.qsc.com](http://www.qsc.com)

## Introduction

These brackets are designed for fixed-angle mounting of QSC's cinema surround loudspeakers. The QM-SW is intended for side wall mounting and has a 0° downward angle (15° baffle angle). The QM-BW is intended primarily for back wall mounting and has an 8° downward angle (23° baffle angle). QSC cinema surround loudspeakers are supplied with the loudspeaker half of the bracket installed.

## Unpacking

### Kit Contents

The illustrations in the document may look different than yours. This procedure is for all loudspeakers listed on the front page of this document.

Quantity	Description
1	Bracket, QM-SW or QM-BW
1	User Manual TD-000381
2	Retaining Screws

### Other Required Parts

Mounting bolts between the bracket and mounting surface should be appropriate for the structural material. The quantity depends on the mounting method.

# Installation and Use

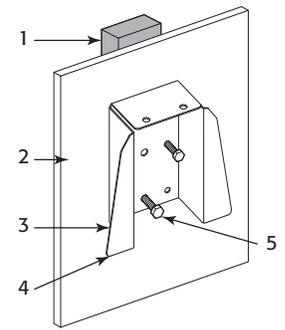
Refer to Figure 1

1. Locate installation spot. It must be a structurally capable (1) of supporting at least five times the weight of the loudspeaker. Refer to the loudspeaker's specification sheet or [www.qsc.com](http://www.qsc.com) for weights.



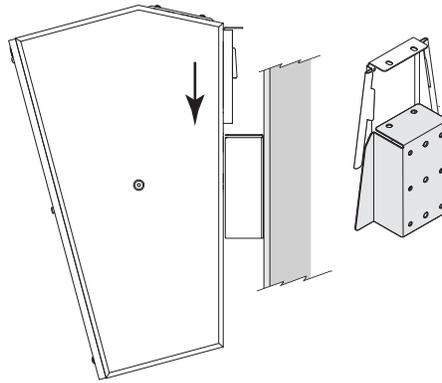
**IMPORTANT!** Open end of wall bracket (4) is to be on the bottom end of the bracket when mounted.

Make sure there is enough clearance above the wall bracket to install the loudspeaker.



— Figure 1 —

2. Using the bracket as a template, with the open end pointing down, mark the holes you want to use onto the mounting surface. (2)
3. Select and install the appropriate mounting hardware (5) (not included). If you are not sure about the correct hardware for the mounting surface, consult a professional engineer.
4. Make sure the bracket is secured to the mounting surface before attaching the loudspeaker.



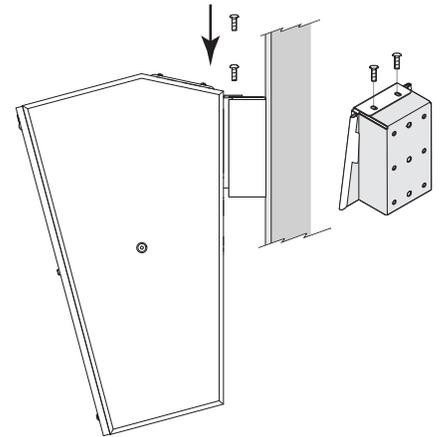
— Figure 2 —

Refer to Figure 2

1. Lower the loudspeaker onto the bracket making sure both sides of the slot on the loudspeaker's bracket fully engages the wall bracket.

Refer to Figure 3

1. Install the two retaining bolts and tighten them securely.



— Figure 3 —





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