

EBK-1
3/8" Eyebolt
Attachment Kit
User Instructions



EBK-1 3/8" Eyebolt Attachment Kit

The Electro-Voice® EBK-1 Eyebolt Attachment Kit contains three shoulder eyebolts, along with three fender washers for load distribution, which attach to Electro-Voice® speakers that have integrated 3/8" suspension points. The eyebolt attachment points can be used to suspend the Electro-Voice® speakers using hardware rated for overhead lifting. The loudspeaker is suspended using two main suspension points with a pull-up point in the back for aiming. Two suspension points can be used to prevent the speaker from swaying, but the rigging hardware (shackles, etc.) attaching to the eyebolt must fit through the 25-mm (1-in.) opening.

Part No.	Quantity	Description	Material
5542930	3	3/8"-16 x 32mm (1.25 in.) Shoulder Eyebolts	Drop Forged Steel
HDW000006-000	3	3/8" ID x 1-1/2" OD Fender Washers	Stainless Steel, Black

Table 1: EBK-1 Contents

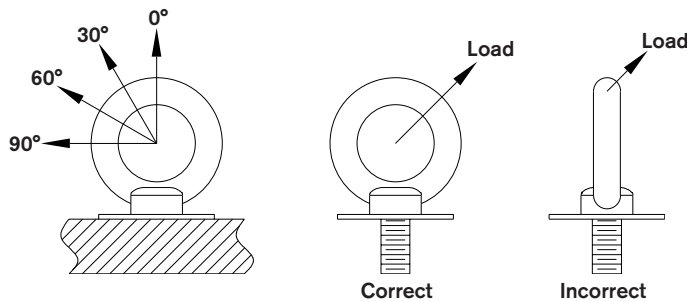


Figure 1: Suspension Point and Load Angles

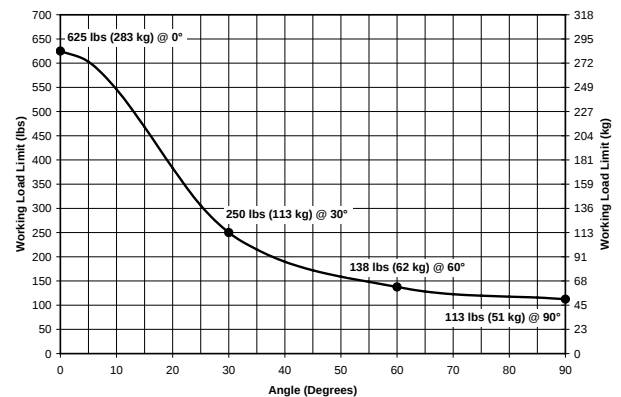


Table 2: Working-Load vs. Angle (8:1 Safety Factor)

Installation Instructions:

1. Remove the 3/8-16 shoulder bolts from the speaker (See Figure 2).
2. Screw the lifting eyebolt and fender washer into the insert until the fender washer has contacted the wood (See Figure 3).
3. Finger tighten eyebolt until correct alignment position is obtained, a maximum of one complete turn.
4. Use certified hardware rated for overhead lifting to suspend the speaker (See Figure 6).



WARNING: Eyebolts must be fully seated and oriented in the plane of pull (Figure 4). Always use the fender washers to distribute the load on the enclosure (Figure 5). Overtightening the eyebolt with a wrench, screwdriver, etc. can result in system failure and injury. Consult the loudspeaker user manual for the loudspeaker load ratings and specific requirements.

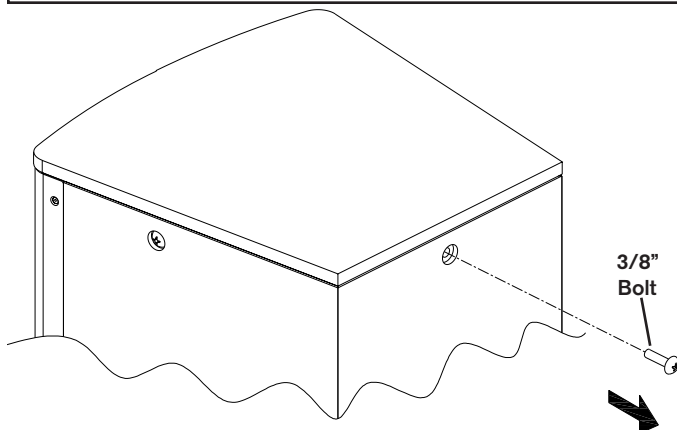


Figure 2: Removing the 3/8" Bolts from the Loudspeaker

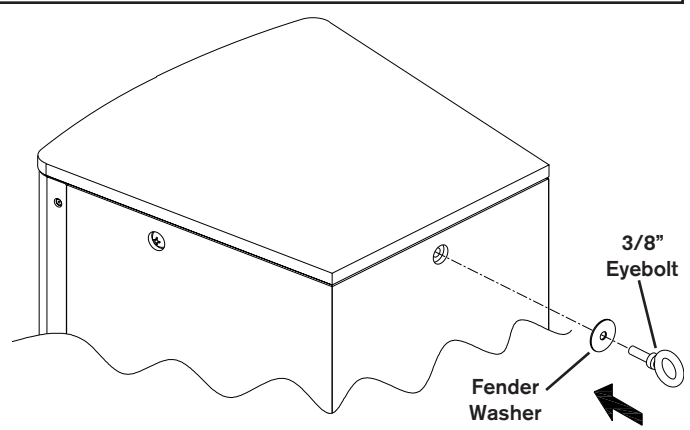


Figure 3: Installing Fender Washers and Eyebolts to the Loudspeaker

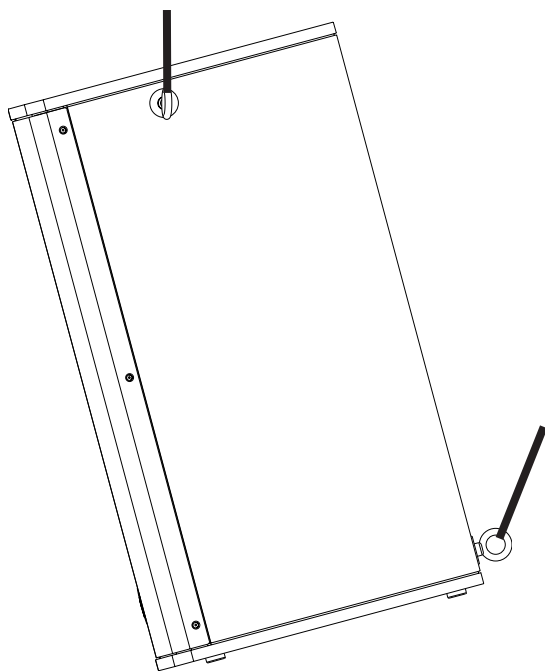


Figure 4a: Eyebolts shown oriented in the plane of pull (CORRECT)

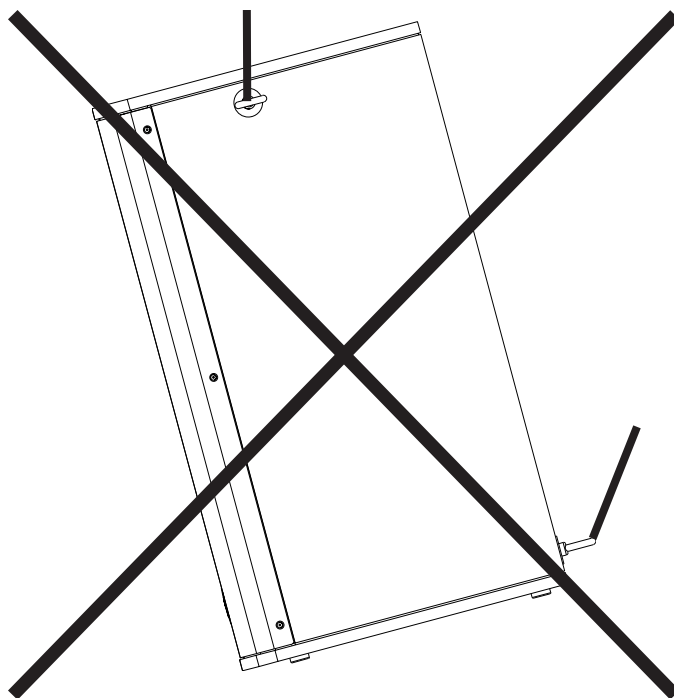


Figure 4b: Eyebolts NOT oriented in the plane of pull (INCORRECT)

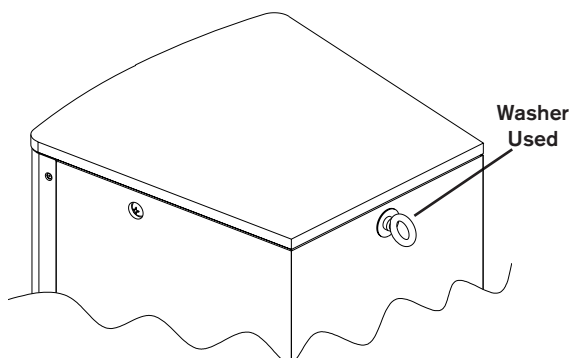


Figure 5a: Eyebolt shown with Washer (CORRECT)

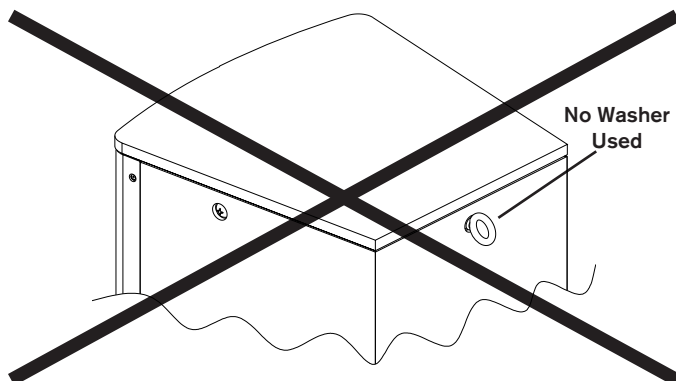
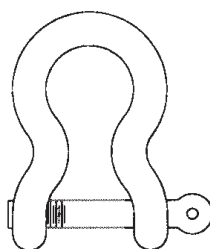


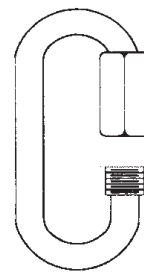
Figure 5b: Eyebolt shown without Washer (INCORRECT)



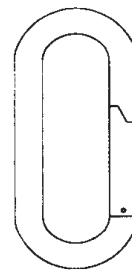
WARNING: Suspending any object is potentially dangerous and should only be attempted by individuals who have a thorough knowledge of the techniques and regulations of suspending objects overhead. Electro-Voice® strongly recommends that loudspeakers be suspended taking into account all current national, federal, state and local regulations. It is the responsibility of the installer to ensure that all loudspeakers are safely installed in accordance with all such regulations. When loudspeakers are suspended, Electro-Voice® strongly recommends that the system be inspected at least once a year. If any sign of weakness or damage is detected, remedial action should be taken immediately. Any hardware used to suspend a loudspeaker that is not associated with Electro-Voice® is the responsibility of others.



Anchor Shackle



Threaded Chain Connector



Carabiner-Type Snap Hook

Figure 6: Examples of Useful Suspension Hardware

Electro-Voice®

12000 Portland Avenue South, Burnsville, MN 55337
Phone: 952/884-4051, Fax: 952/884-0043

www.electrovoice.com

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For warranty repair or service information, contact the Service Repair department at:
800/685-2606

For technical assistance, contact Technical Support at: 866/78AUDIO

Specifications subject to change without notice.