

PA-A1 Eyebolt Installation Instructions

Description

The contents of the PA-A1 Eyebolt Kit allow you to rig one of the following loudspeakers:

SRM450, SRM450v2, SRM450v3, C300, C300z, C300i.

*****Only ONE loudspeaker may be mounted per PA-A1 Eyebolt Kit.*****

PA-A1 Eyebolt Kit (Part No. 0031943) contents:

Part No.	Quantity	Description
0031810	4	Eyebolt, Forged shoulder, Black, M10 x 17 mm
0025068	1	Washer
0031809	1	Threaded Adapter
0031952	1	Instruction Sheet

Required Tools (not included):

Sharp knife
Thread lock liquid

Safety First!

Before installing and using this product, please read these instructions carefully and keep them on hand for future reference. Failure to follow the precautions may result in damage, injury, or even death.

WARNING: This product has been designed for installation only by qualified personnel having the technical know-how and experience or specific instructions to ensure correct execution of all of the operations involved to prevent any risk to personal safety. It is strongly recommended that this product be installed only by professionals or specialized firms. When installing this product, always respect the safety standard. Do not install the product in any way that is not described in these instructions.

WARNING: The PA-A1 eyebolt adapter kit has been tested to a safe Working Load Limit (WLL) of 253 lb / 115 kg with a design factor of 10:1. The WLL derates to 187 lb / 85 kg at a 45° pull. Do not use an eyebolt for an angled pull greater than 45°. At least two eyebolts should be used in an PA-A1 install. Never apply a load that exceeds the Working Load Limit.

Before suspending the loudspeaker, make all of the necessary calculations to ensure that all of the components are used within their nominal work load range. Remember that the weakest component determines the safety level of the entire installation.

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Eyebolt Installation

Only one loudspeaker may be rigged per PA-A1 Eyebolt Kit. At least two eyebolts should be used in any installation utilizing the PA-A1 kit.

The rear rigging points should not be used to support the weight. Rather, use it for setting the angle of the speaker and support its weight with two other eyebolts.

Follow the steps below once you have found a suitable place to suspend the loudspeaker.

1. The top two rigging points of the loudspeaker have a thin dust cover over the threaded hole where the eyebolts will be installed. Use a sharp knife to remove these covers.
2. Apply a small drop of thread lock liquid to the threads of each eyebolt.
3. Fully screw each eyebolt into the threaded inserts of the loudspeaker.

Rear Lower Eyebolt Installation

The rigging point on the lower rear part of the loudspeaker requires the washer and adapter, figure 1 below.

1. Follow steps 1 and 2 above, then place the eyebolt through the washer, and screw it into the adapter.
 2. Apply a small drop of thread lock liquid to the threads of the adapter.
 3. Screw the adapter into the threaded insert of the loudspeaker.
- NOTE:** The SRM450 only has three of the rigging points shown below (two on the top and one on the rear near the IEC power connector).

VERY IMPORTANT: Do not over-tighten the eyebolts or adapters, as this could damage the threaded insert of the loudspeaker. Additionally, do not over-goop the threads with the locking liquid, or get any on the plastic surface of the cabinet.

NOTE: An SRM450 loudspeaker is used in the example below. Please refer to the full manual on mackie.com for the location of the mounting points on your particular loudspeaker model.

