

MAC 101™ - MAC Aura™ - MAC Aura XB™ Mounting Bracket Kit Installation Note

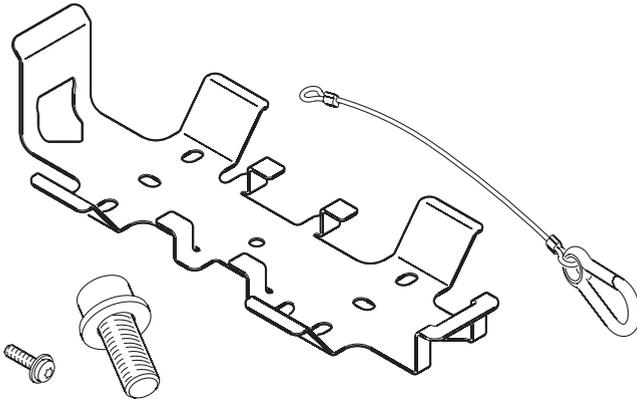


Figure 1: Mounting bracket with hardware

Introduction



Warning! Read the user documentation supplied with fixtures and available for download from www.martin.com before installing the bracket. Observe all warnings in this documentation and printed on the product.

Using the Quick-Mount Mounting Bracket accessory available for the MAC 101, the MAC Aura and the MAC Aura XB, a fixture can be mounted and secured on a flat surface or removed in a matter of seconds.

- The Mounting Bracket Kit for the MAC 101 and MAC Aura has P/N 91606017.
- The Mounting Bracket Kit for the MAC Aura XB has P/N 91606018.

The bracket adds 11 mm (0.43 in.) to the overall height of the fixture.

If you have any questions about how to install any Martin product safely, please consult the Martin website at www.martin.com, contact your Martin supplier or call the Martin 24-hour service hotline on +45 8740 0000, or in the USA on 1-888-tech-180.

Unpacking

Each Mounting Bracket Kit contains:

- 5 x mounting brackets
- 5 x M12 Allen bolts with washers for securing fixture baseplates to fixture bases
- 5 x approved safety cables
- 5 x Torx screws with washers for securing safety cables to fixture bases.

The user must provide the additional hardware described below to fasten brackets to supporting surfaces.

Installing the mounting bracket



Warning! Make sure that the quick-release bracket when installed can hold at least 10 times the weight it must support.

For each bracket, obtain four M5 screws or bolts (and screw anchors if necessary) that are suitable for the supporting surface. Screws or bolts must be minimum 8.8 grade steel.

To install the fixture on a flat surface:

1. Check that the surface or structure used to support the bracket can bear at least 10 times the weight of all installed fixtures and equipment.
2. Note that the bracket is asymmetrical and fixtures can only be mounted in one orientation. Install multiple brackets facing in the same direction to simplify DMX control when fixtures are mounted.
3. See Figure 2. Fasten the bracket securely to the mounting surface as shown using four M5 screws or bolts

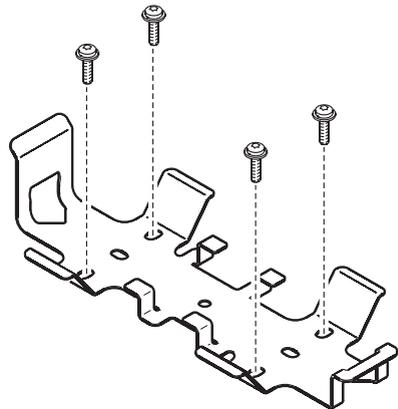


Figure 2: Fastening screws

that are suitable for the mounting surface. Use screw anchors in the surface or washers and nuts on the back of the surface if necessary.

Installing the fixture on the mounting bracket

1. If working overhead, block access below the installation area and work from a stable platform.
2. See Figure 3. Fasten the supplied M12 Allen bolt and washer into the threaded hole in the center of the bottom of the fixture base.



Warning! This bolt **MUST** be installed when using the mounting bracket to prevent the fixture from separating from its baseplate if the fixture falls and is caught by the safety cable.

3. See Figure 4. The fixture will only fit in the bracket with the slightly larger tab in the edge of the fixture's baseplate at the latch end of the bracket. Lift the fixture up to the bracket. If you wish, you can pass cable under the clips in the bracket at this stage (A). Then hook the smaller tab in the fixture's baseplate into the clip in the bracket (B) and press the fixture firmly onto the bracket until the larger tab in the fixture's baseplate clicks into the spring-loaded latch in the bracket (C). Check that the fixture is held securely.

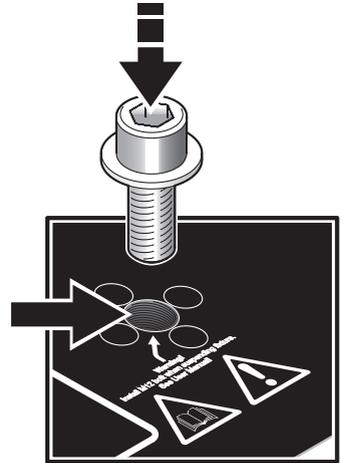


Figure 3: M12 bolt in fixture base

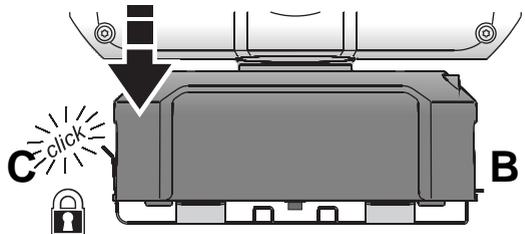
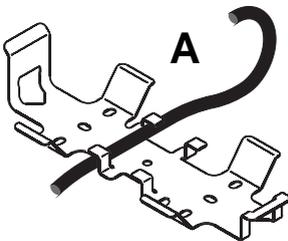


Figure 4: Locking the fixture into the bracket

4. See Figure 5. Pass the carabiner clip on the supplied safety cable through **both** the safety cable attachment point in the fixture's baseplate **and** the clip in the mounting bracket at the opposite end to the latch (see **B** in Figures 4 and 5) so that it links the fixture baseplate to the clip in the mounting bracket and will hold the fixture if it falls out of the bracket.

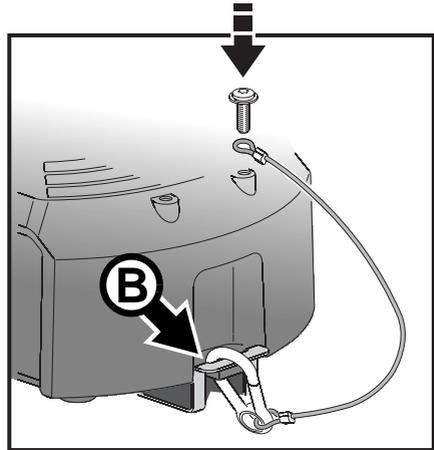


Figure 5: Installing the safety cable

5. Use the supplied 4 x 16 self-tapping Torx screw and washer to fasten the other end of the safety cable to the fixture base for convenience as shown in Figure 5.
6. Check that the fixture is held securely and that cables are routed out of the path of the moving head.

Releasing the fixture

To release the fixture from the mounting bracket:

1. Cut power to the fixture, disconnect power and data cables, then unclip the safety cable's carabiner clip.
2. See Figure 6. Press the fixture firmly towards the bracket (see **D**) and support the weight of the fixture.
3. Press on the mounting bracket latch (see **E**) to release the fixture, then lift the fixture away from the bracket.

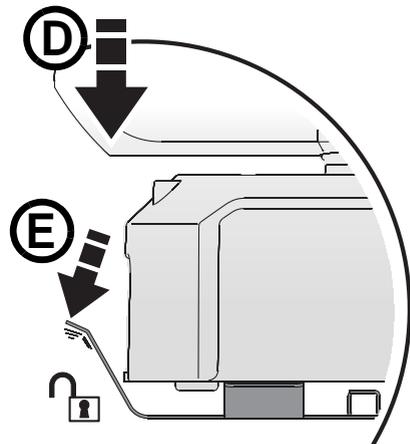


Figure 6: Releasing the fixture

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