RainMAC installation note

Introduction



Thank you for selecting the Martin RainMAC. The RainMAC is a lightweight hood for partial protection of lighting fixtures from precipitation in temporary outdoor applications. The RainMAC fits all Martin MAC series fixtures from the 250 and above.

Since fitting a RainMAC affects fixture cooling, use in strong sunshine or ambient temperatures above 30° C (86° F) is not recommended. Painting the top of the RainMAC white will reduce temperatures in sunny conditions.

For the latest documentation and information about this and all Martin Professional products, please visit the Martin website at http://www.martin.com

Warning! ***Read the safety precautions below before installing the RainMAC.***

Safety precautions

Warning! ***This product is for professional use only. It is not for household use.***

The RainMAC provides partial protection from rain, snow, etc. for the base of MAC fixtures, but it does not make fixtures completely waterproof. The presence of moisture in electrical installations increases the risk of potentially lethal electric shock. Do not operate lighting equipment if it becomes wet.

Read this installation note before installing the RainMAC, follow the instructions and safety precautions listed below and observe all warnings on your fixtures, in fixture user manuals and in this installation note. If you have questions about how to install or use the RainMAC safely, please contact your Martin dealer or call the Martin 24-hour service hot line at +45 70 200 201.

- Do not use the RainMAC with luminaires that consume more than 1200 watts of power.
- Do not install or operate the RainMAC in strong winds (over 17 m/s or 37 M.P.H.).
- Do not operate fixtures with the RainMAC fitted if the ambient temperature (T_a) exceeds 30° C (86° F).
- The RainMAC can become hot when fitted to a fixture in use. Allow to cool before handling.
- Do not modify the RainMAC.
- Do not hang extra weatherproofing material over or around the RainMAC while fixtures are in use.
- Fixtures with the RainMAC fitted must be lifted or carried by a minimum of two people.
- Verify that supporting structures can hold at least 10 times the weight of all installed devices and hardware.
- Check that all fixtures and rigging hardware are securely fastened and use an approved means of secondary attachment such as a safety cable to secure both the RainMAC and the fixture.
- Block access below the work area and work from a stable platform whenever installing or removing fixtures with the RainMAC fitted.
- Do not attempt to fit the RainMAC to a fixture that is suspended overhead. Lower fixtures to ground level before fitting the RainMAC.

Martin

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Installation

Note that the RainMAC is not square, and that certain fixtures can be installed in one direction only.

To install the RainMAC on a MAC series fixture:

1. Measure to determine which rectangular slots in the RainMAC match the fastener mounting points in the fixture base, and insert the plastic plugs supplied with the RainMAC into the slots that will not be used. Ignore the two smaller safety cable slots for the moment.
2. See Figure 1. Place the RainMAC upside-down on two flight cases or similar supports.

Important! Ensure that the raised corner moldings (arrowed in illustration) are supported.

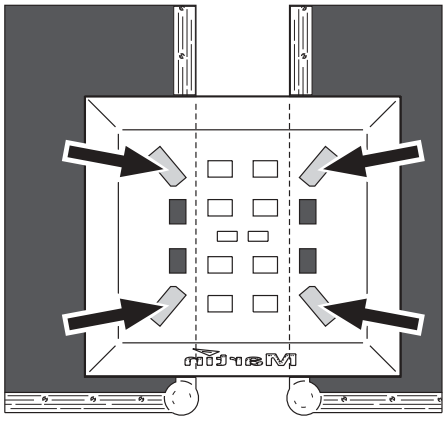


Figure 1: Corner moldings must be supported

3. On MAC 250 fixtures, attach a safety cable to the fixture now and prepare to thread it through the RainMAC via the two smaller central slots during the next step.
4. Lower the MAC fixture onto the RainMAC so that the fixture base is centered. On MAC 250s, thread the safety cable through a safety cable slot while lowering the fixture.
5. Following the instructions supplied with the hardware, bolt rigging hardware to Martin omega brackets.
6. Working from underneath the RainMAC, insert the omega brackets through the rectangular cutouts in the RainMAC and fasten them into the base of the fixture base using their quarter-turn fasteners. Turn all quarter-turn fasteners fully clockwise to lock them.

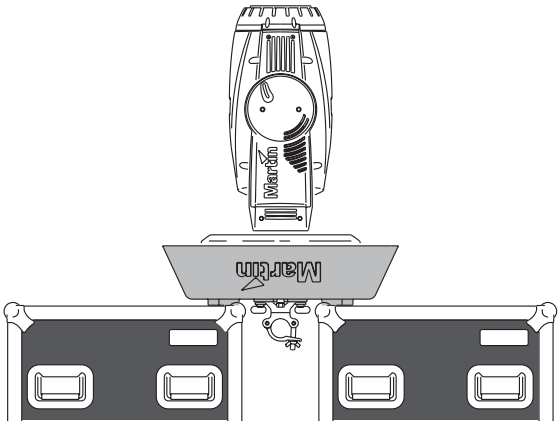


Figure 2: Installing rigging hardware

7. On all fixtures other than MAC 250s, loop a secondary attachment through one of the two small center slots in the RainMAC, around the attachment point in the fixture base and back out through the other center slot.
8. Because safety attachments vary, no plug is supplied for the safety cable slots. For added weather protection, these slots are easy to seal with waterproof adhesive tape, for example. The fixture and RainMAC are now ready for rigging. Note that two people are required to lift and carry the fixture.

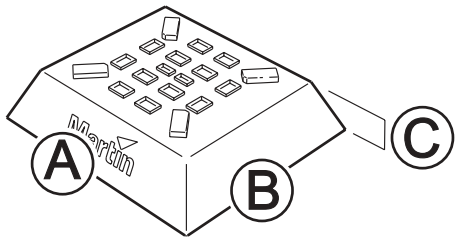
Cleaning

Clean the RainMAC with a damp cloth or warm soapy water. Do not use solvents.

RainMAC specifications

PHYSICAL

Length (A)	615 mm (24.3 in)
Width (B)	550 mm (21.7 in)
Height (C)	155 mm (6.1 in)
Weight	1.1 kg (2.4 lbs)



CONSTRUCTION

Flame-retardant ABS

THERMAL

Maximum ambient temperature (T_a) .... 30° C (86° F)

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