THORLABS

DDSMA1 (/M)
DDSMA2 (/M)
End Mounting Plates for DDSM100 Stages



Contents

Chaper 1 Overview **1**
1.1 Description ***1***

Chaper 2 Safety **2**
2.1 Safety Information ***2***

Chaper 3 Installation **3**
3.1 Installation ***3***
3.2 Typical Application ***3***

Chaper 4 Specifications **4**

Chaper 5 Thorlabs Worldwide Contacts **5**

Chapter 1 Introduction

1.1 Introduction

The DDSMA1 and DDSMA2 adapter plates fix to either end of the DDSM100 stage and allow optomechanical components to be mounted close to the linear travel of the stage.

The plates are drilled with an array of 1/4”-20 (M6) and 8-32 (M4) holes and the finish is a black, low reflective anodized coating.

Chapter 2 Safety

2.1 Safety Information

For the continuing safety of the operators of this equipment, and the protection of the equipment itself, the operator should take note of the **Warnings, Cautions** and **Notes** throughout this handbook and, where visible, on the product itself.

The following safety symbols may be used throughout the handbook and on the equipment itself.

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Warning: Risk of Electrical Shock

Given when there is a risk of injury from electrical shock.



Warning

Given when there is a risk of injury to users.



Caution

Given when there is a risk of damage to the product.

Note

Clarification of an instruction or additional information.

Chapter 3 Installation

3.1 Installation

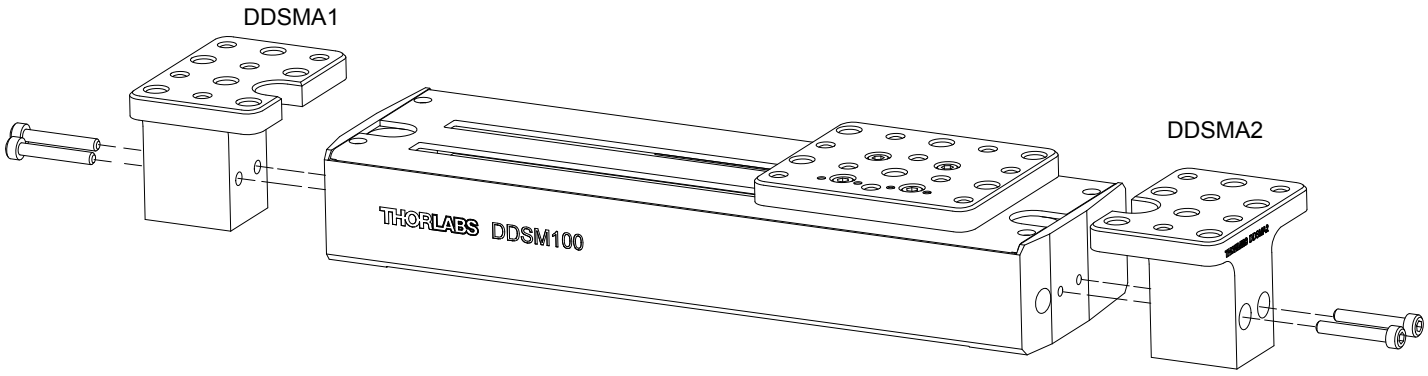


Fig. 3.1 Installation

Caution

The plates are not interchangeable. When the stage is viewed from the front as shown above, the DDSMA1 plate fits to the left hand side and the DDSMA2 fits to the right hand side.

1) Using the two M3 x 20 bolts supplied, fit the adapter plate to the end of the stage. .

Caution

During item (1), use the bolts supplied. If these are not available, do not use bolts longer than 20 mm as longer bolts could damage the internal mechanism.

3.2 Typical Application

When mounted at either end of the DDSM100 stage, the mounting plates make an ideal platform for mounting accessories for applications such as a delay line.



Fig. 3.2 DDSM100 stage with DDSMA1 and DDSMA2 fitted

Chapter 4 Specifications

Specification	Value
Working Height of Stage Assembly	35.0 mm (1.38”)
Mounting Area Dimensions	52 mm x 36.0 mm (2.05" x 1.42")
Weight:	0.062 kg (0.14 lb)
Construction	Solid Aluminum
Finish	Black Anodized

Chapter 5 Thorlabs Worldwide Contacts

For technical support or sales inquiries, please visit us at www.thorlabs.com/contact for our most up-to-date contact information.



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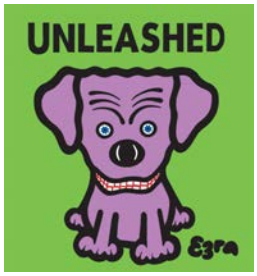
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