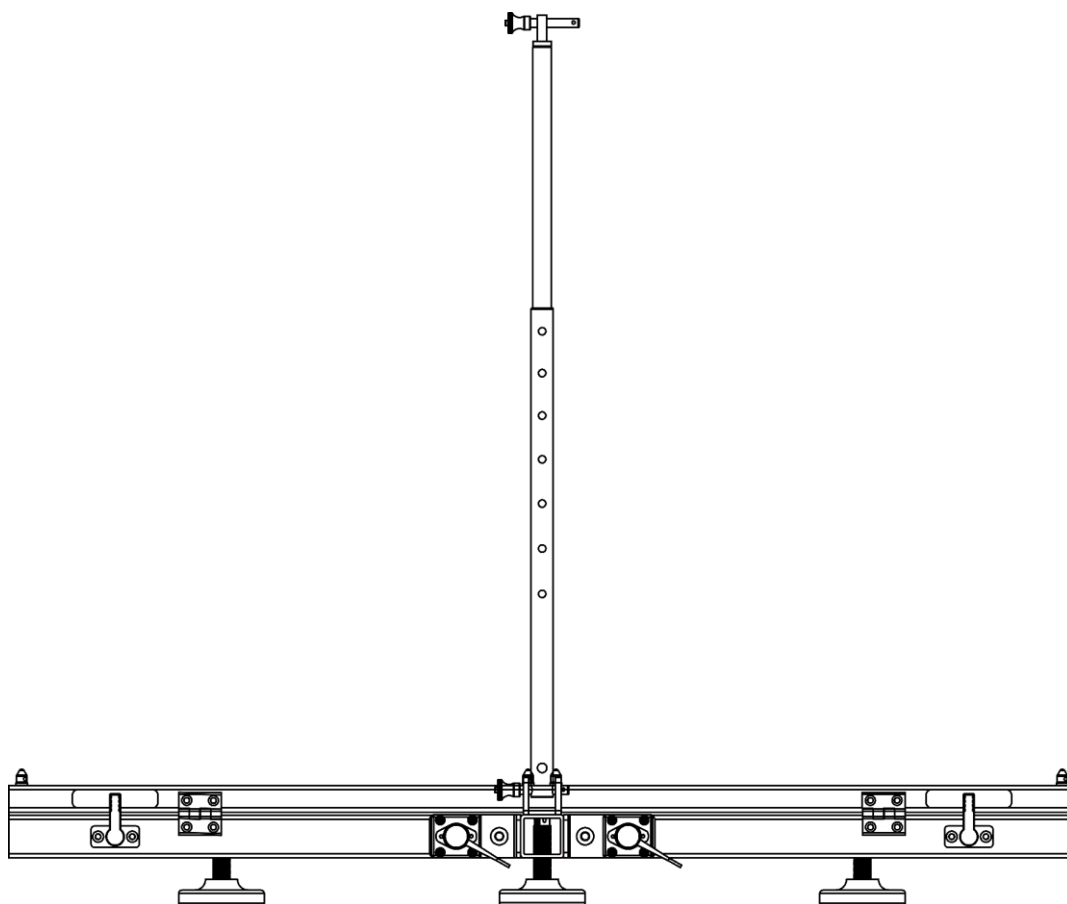




ENGLISH

Perimeter Bracket for Premiere Series

V1

Product code: 101744

Preface

Thank you for purchasing this DMT product.

The purpose of this user manual is to provide instructions for the correct and safe use of this product.

Keep the user manual for future reference as it is an integral part of the product. The user manual shall be stored at an easily accessible location.

This user manual contains information concerning:

- Safety instructions
- Installation and operation of the product
- Intended and non-intended use of the product
- Maintenance procedures
- Troubleshooting
- Transport, storage and disposal of the product

Non-observance of the instructions in this user manual may result in serious injuries and damage of property.

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1. Introduction

1.1. Before Using the Product



Important

Read and follow the instructions in this user manual before installing, operating or servicing this product.

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual. After unpacking, check the contents of the box. If any parts are missing or damaged, contact your Highlite International dealer.

Your shipment includes:

- DMT Perimeter Bracket for Premiere Series
- 4 x M10 mounting screws
- User manual

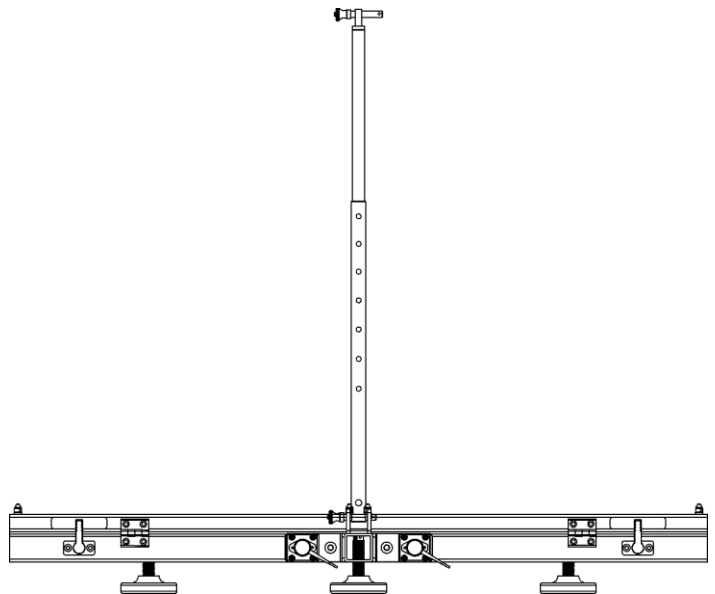


Fig. 01

1.2. Intended Use

This device is intended for professional use as a perimeter bracket for the Premiere LED panel series. Any other use, not mentioned under intended use, is regarded as non-intended and incorrect use.

1.3. Text Conventions

Throughout the user manual the following text conventions are used:

- References: References to chapters and parts of the device are in bold lettering, for example: "Refer to **2. Safety**", "turn the **adjustment screw (02)**"
- 0–255: Defines a range of values
- Notes: **Note:** (in bold lettering) is followed by useful information or tips

1.4. Symbols and Signal Words

Safety notes and warnings are indicated throughout the user manual by safety signs. Always follow the instructions provided in this user manual.



DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**CAUTION**

Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

**Attention**

Indicates important information for the correct operation and use of the product.

**Important**

Read and observe the instructions in this document.

1.5. Symbols on the Information Label

This product is provided with an information label. The information label is located on the bottom frame of the device.

The information label contains the following symbol:



Read and observe the instructions in this document.

2. Safety

**Important**

Read and follow the instructions in this user manual before installing, using or servicing this product.

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual.

2.1. Warnings and Safety Instructions

**WARNING**

Incorrect installation can cause serious injuries and damage of property.

This product may be installed only by instructed or skilled persons.

- Do not exceed the working load limit (WLL) as indicated on the device and in this user manual.
- When the device is used together with other accessories, make sure that the working load limit (WLL) of each component is not exceeded.

**Attention**

For professional use only

This device shall be used only for the purposes it is designed for.

This device is intended for professional use as a perimeter bracket for the Premiere LED panel series. Any incorrect use may lead to hazardous situations and result in injuries and material damage.

- Do not modify the device. Unauthorized modifications to the device will render the warranty void. Such modifications may result in injuries and material damage.
- Use the device only in environments with an ambient temperature between -10 °C and 55 °C.

**Attention**

Before every use, examine the device visually for any defects

- Follow the inspection schedule established for the site.
- Examine the device for damage, cracks and corrosion. If any fault is found, mark the device clearly and remove it from service.
- Do not use the device if it is damaged.

**Attention**

Do not expose the device to conditions that exceed the rated IP class conditions.

This device is IP54 rated. IP (Ingress Protection) 54 class means that the device is dust-protected. Ingress of dust does not interfere with satisfactory operation of the device. Water splashed against the enclosure from any direction shall have no harmful effect.

2.2. Requirements for the User

**DANGER**

This product may not be used by ordinary persons.

This product may be used only by instructed or skilled persons. Installation and maintenance may be carried out by instructed or skilled persons. Service shall be carried out only by skilled persons. Contact your Highlite International dealer for more information.

Instructed persons have been instructed and trained by a skilled person, or are supervised by a skilled person, for specific tasks and work activities associated with the installation, service and maintenance of this product, so that they can identify risks and take precautions to avoid them.

Skilled persons have training or experience, which enables them to recognize risks and to avoid hazards associated with the installation, service and maintenance of this product.

Ordinary persons are all persons other than instructed persons and skilled persons. Ordinary persons include not only users of the product but also any other persons that may have access to the device or who may be in the vicinity of the device.

3. Description of the Device

The Perimeter Bracket shall be used for installation of the DMT Premiere LED panels as perimeter screens. The device has 7 inclination angle settings.

3.1. Overview

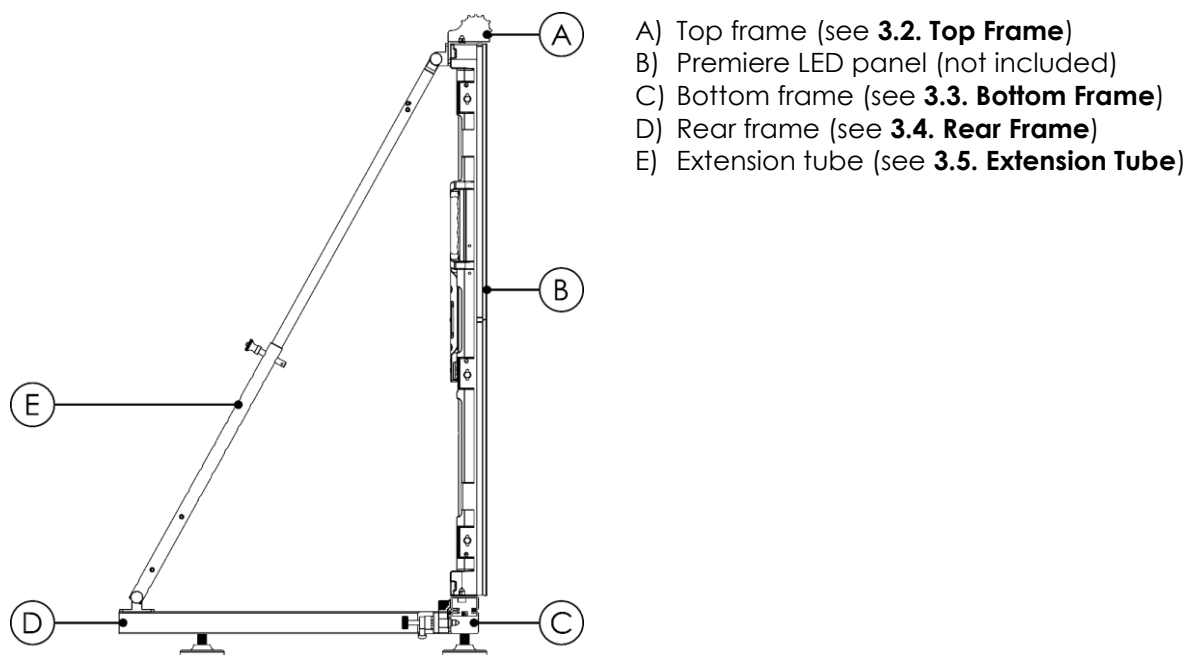


Fig. 02

3.2. Top Frame

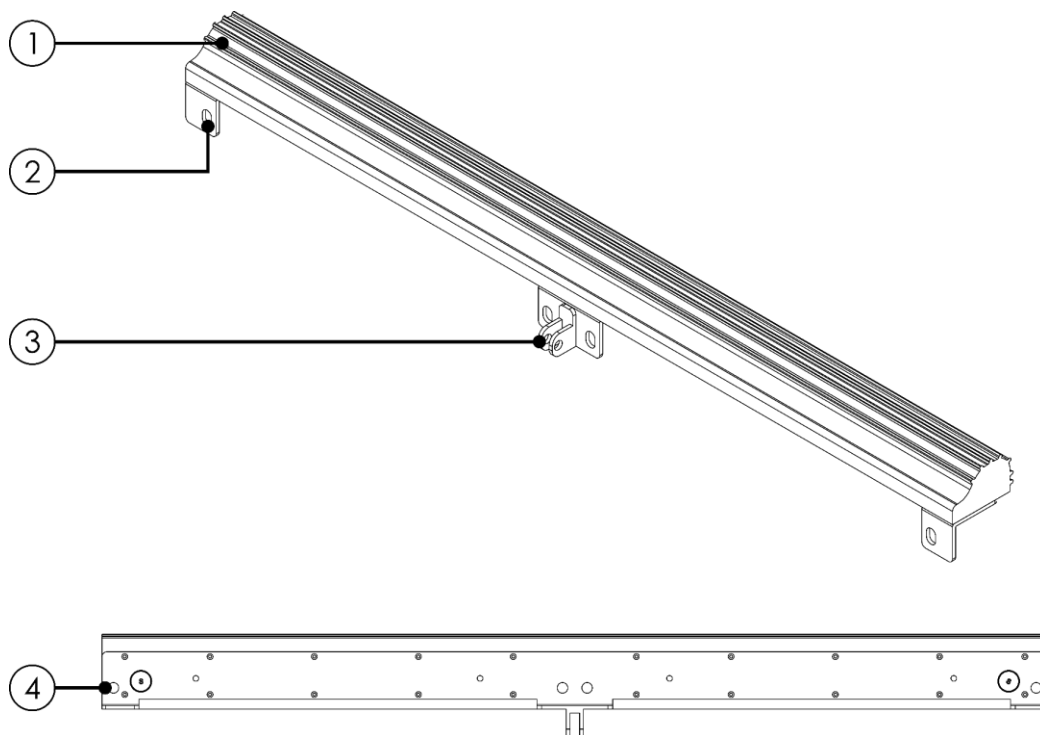


Fig. 03

- | | |
|---|-------------------------------------|
| 01) Rubber cover | 03) Extension tube mounting opening |
| 02) 4 x mounting opening (for Premiere LED panel, 12 x 16 mm) | 04) 4 x pin openings |

3.3. Bottom Frame

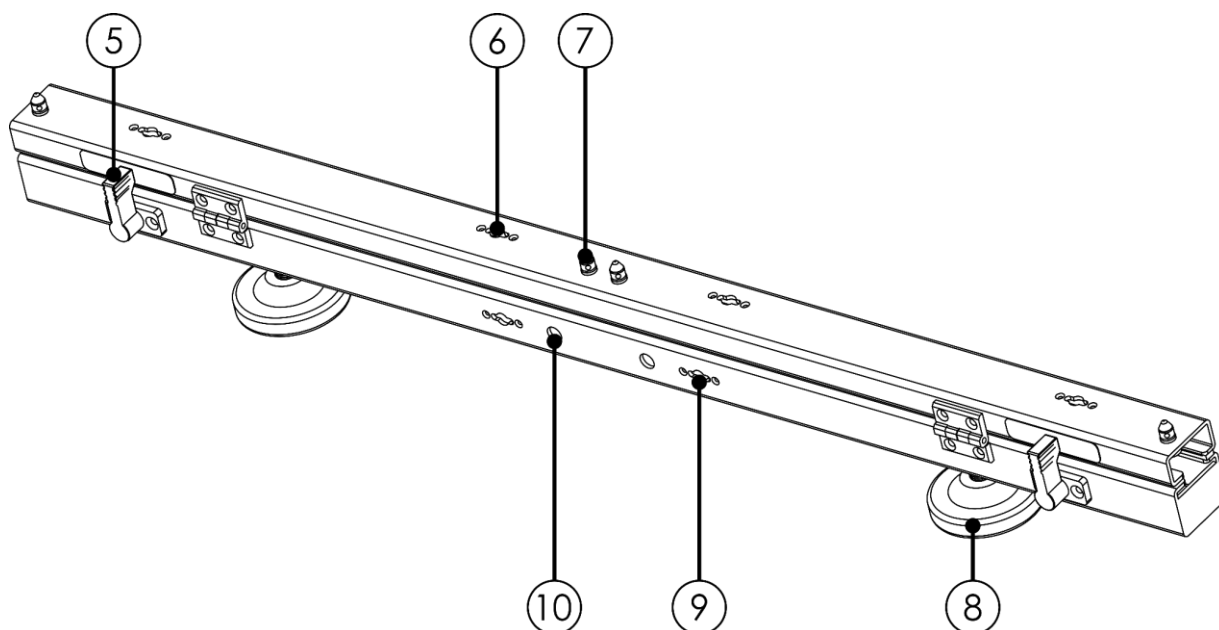


Fig. 04

- | | |
|--|---|
| 05) 2 x inclination angle lock | 08) 2 x adjustable foot |
| 06) 4 x fast-lock opening (for Premiere LED panel) | 09) 2 x fast-lock opening (for the rear frame) |
| 07) 4 x mounting pin (for Premiere LED panel) | 10) 2 x mounting pin opening (for the rear frame) |

3.4. Rear Frame

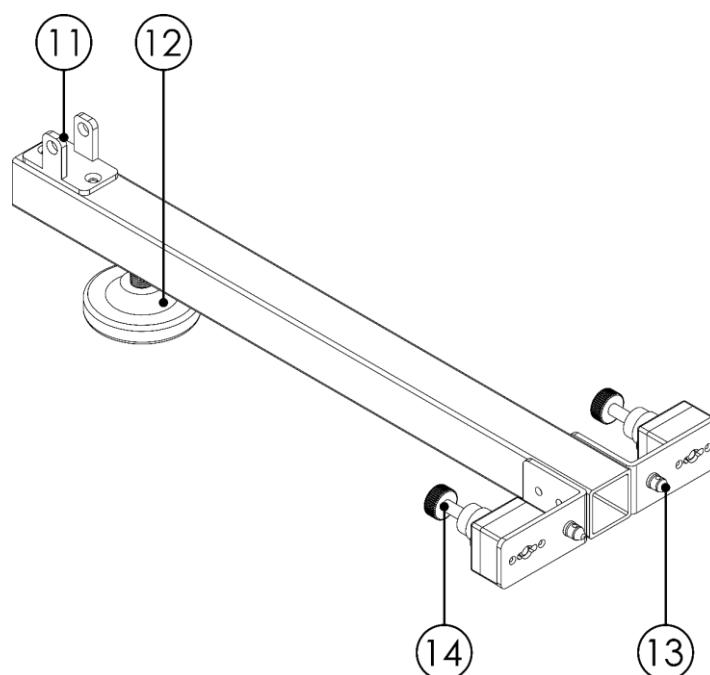


Fig. 05

- | |
|---|
| 11) Extension tube mounting opening |
| 12) Adjustable foot |
| 13) 2 x mounting pin (for the bottom frame) |
| 14) 2 x spring-loaded fast-lock |

3.5. Extension Tube

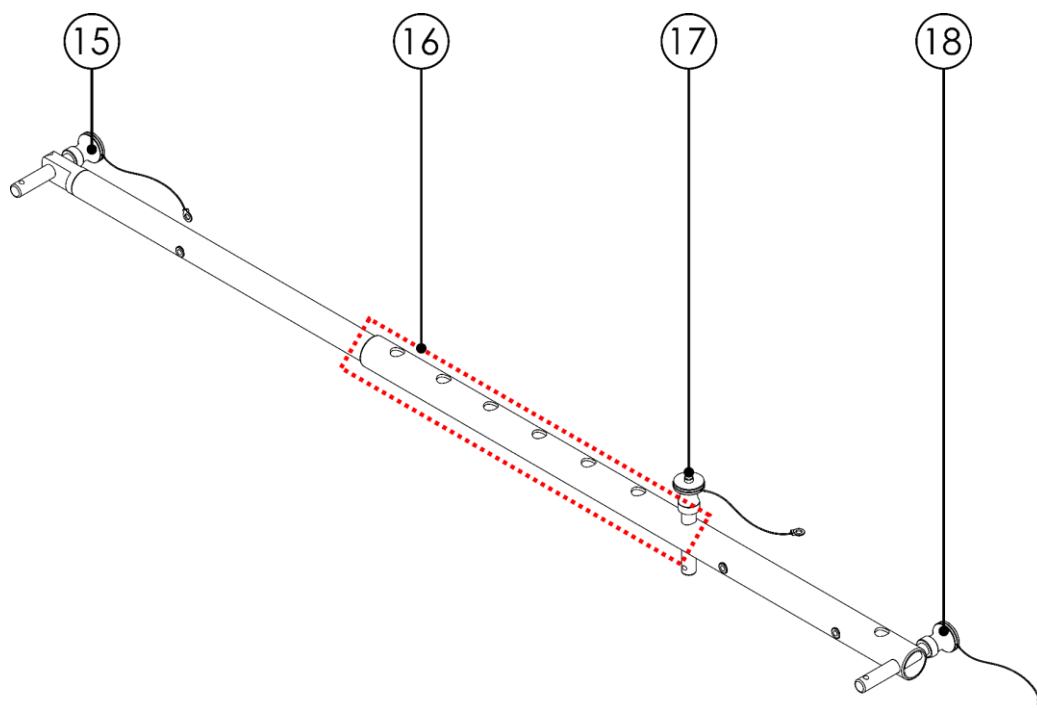


Fig. 06

- 15) Spring-loaded pin (for the top frame)
16) 7 x inclination angle opening (see **4.3.6. Inclination Angle Adjustment** on page 15)
17) Inclination angle spring-loaded fast-lock
18) Spring-loaded pin (for the rear frame)

3.6. Product Specifications

Model:	Perimeter Bracket for Premiere Series
Physical:	
Dimensions:	647 x 998 x 1199 mm (LxWxH)
Weight:	9,81 kg
Mechanical:	
Locking system:	Spring-loaded fast-lock
Maximum stacking height:	1
WLL:	60 kg
Construction:	
Material:	Aluminum
Color:	Black
IP rating:	IP54
Thermal:	
Ambient temperature t _a :	From -10 °C to 55 °C

3.7. Dimensions

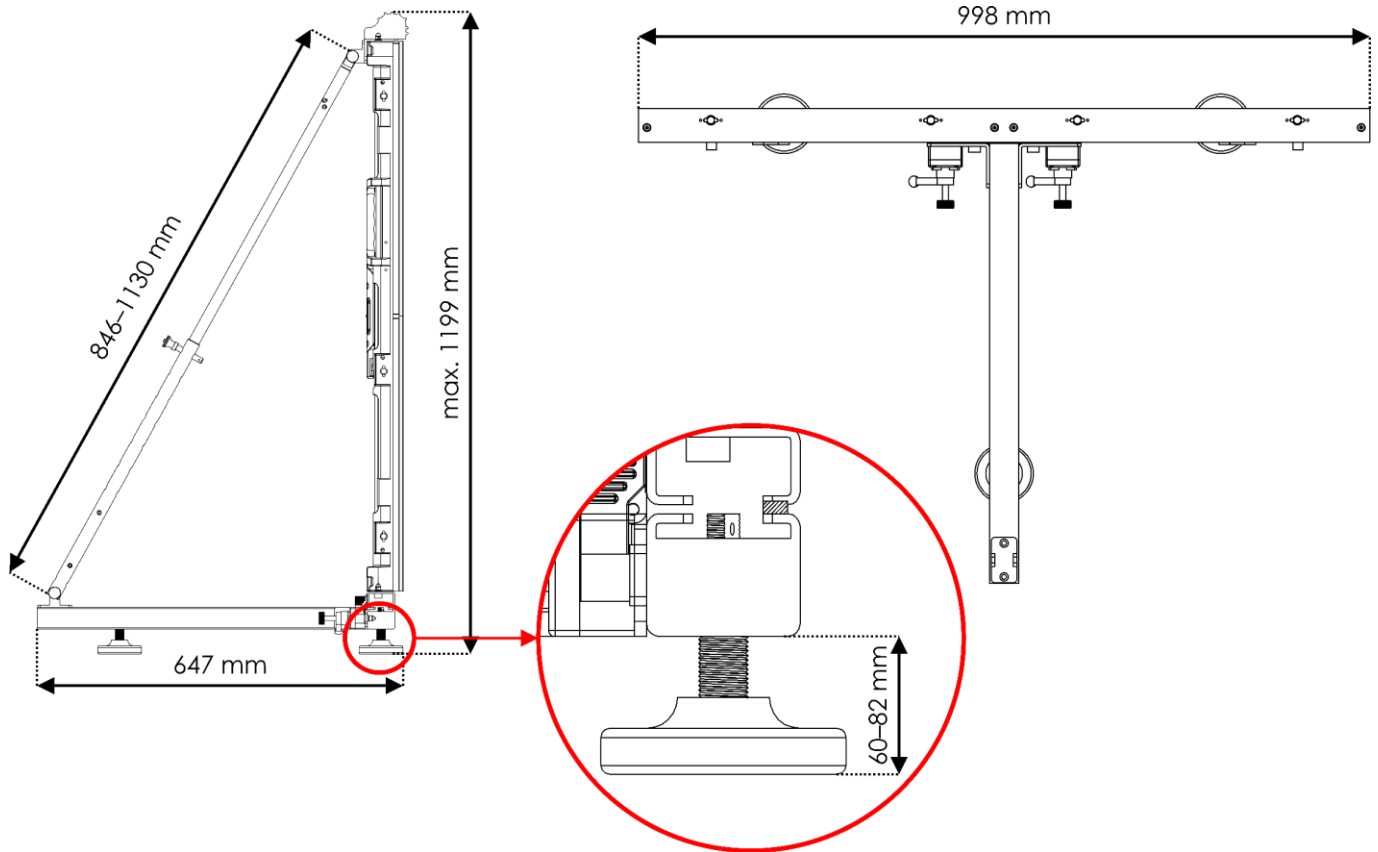


Fig. 07

4. Installation

4.1. Safety Instructions for Installation



WARNING

Incorrect installation can cause serious injuries and damage of property.



Attention

Do not use brute force when loosening or tightening the nuts/bolts/feet/locks.

Installation must be carried out only by instructed or skilled persons.

Follow all applicable European, national and local safety regulations concerning rigging and trussing.

4.2. Personal Protective Equipment

During installation and rigging wear personal protective equipment in compliance with the national and site-specific regulations.

4.3. Installation

To install the device, follow the steps below:

- 01) Install the **rear frame (D)**. See **4.3.1. Installing the Rear Frame** on page 10.
- 02) Install the **extension tube (E)**. See **4.3.2. Installing the Extension Tube** on page 11.
- 03) Install the Premiere LED panel. See **4.3.3. Installing the Premiere LED Panel** on page 12.
- 04) Install the **top frame (A)** on the Premiere LED panel. See **4.3.4. Installing the Top Frame** on page 13.
- 05) Connect the **extension tube (E)** to the **top frame (A)**. See **4.3.5. Connecting the Extension Tube to the Top Frame** on page 14.
- 06) Set the inclination angle of the Premiere LED panel. See **4.3.6. Inclination Angle Adjustment** on page 15.
- 07) Set the height of the device. See **4.3.7. Height Adjustment** on page 16.

4.3.1. Installing the Rear Frame

To install the **rear frame (D)**, follow the steps below:

- 01) Insert the **mounting pins (13)** of the **rear frame (D)** into the openings of the **bottom frame (C)** (Fig. 08).

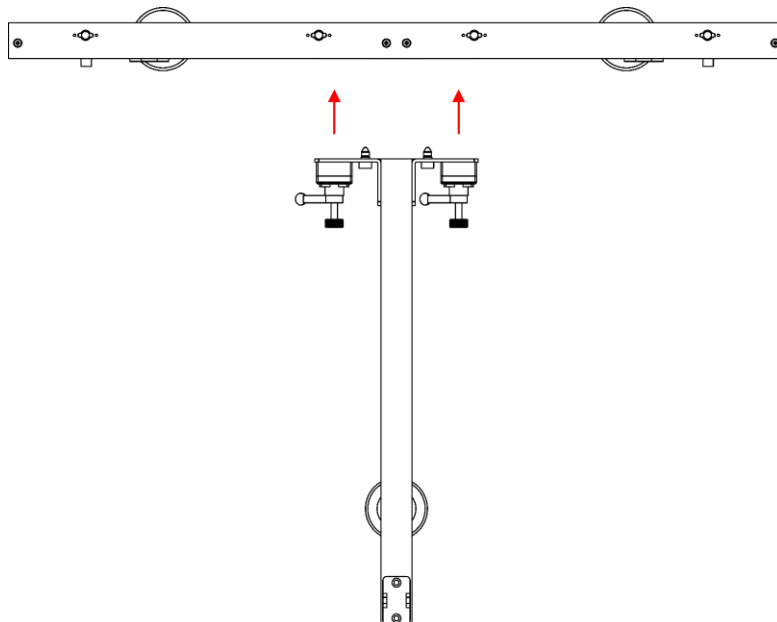


Fig. 08

- 02) Push the **spring-loaded fast-locks (14)** and turn them by 90° clockwise or counterclockwise (Fig. 09). Make sure that the pins are firmly locked.
- 03) Turn the locking levers clockwise to tighten the **rear frame (D)** to the **bottom frame (C)** (Fig. 10).

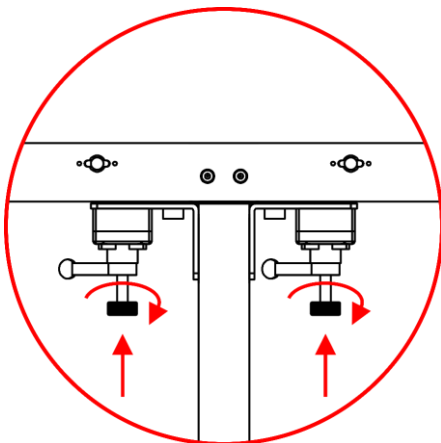


Fig. 09

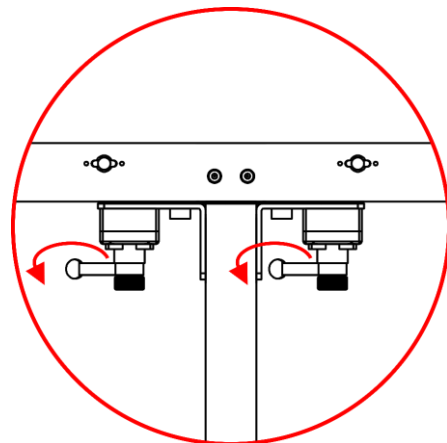


Fig. 10

4.3.2. Installing the Extension Tube

To install the **extension tube (E)**, follow the steps below:

- 01) Push and hold down the button of the **spring-loaded pin (18)** (Fig. 11).

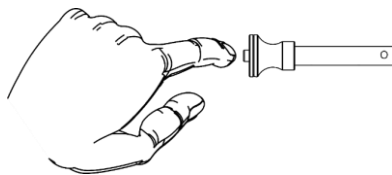


Fig. 11

- 02) Put the **spring-loaded pin (18)** through the **extension tube mounting opening (11)** of the **rear frame (D)** and the lower opening of the **extension tube (E)** (Fig. 12).

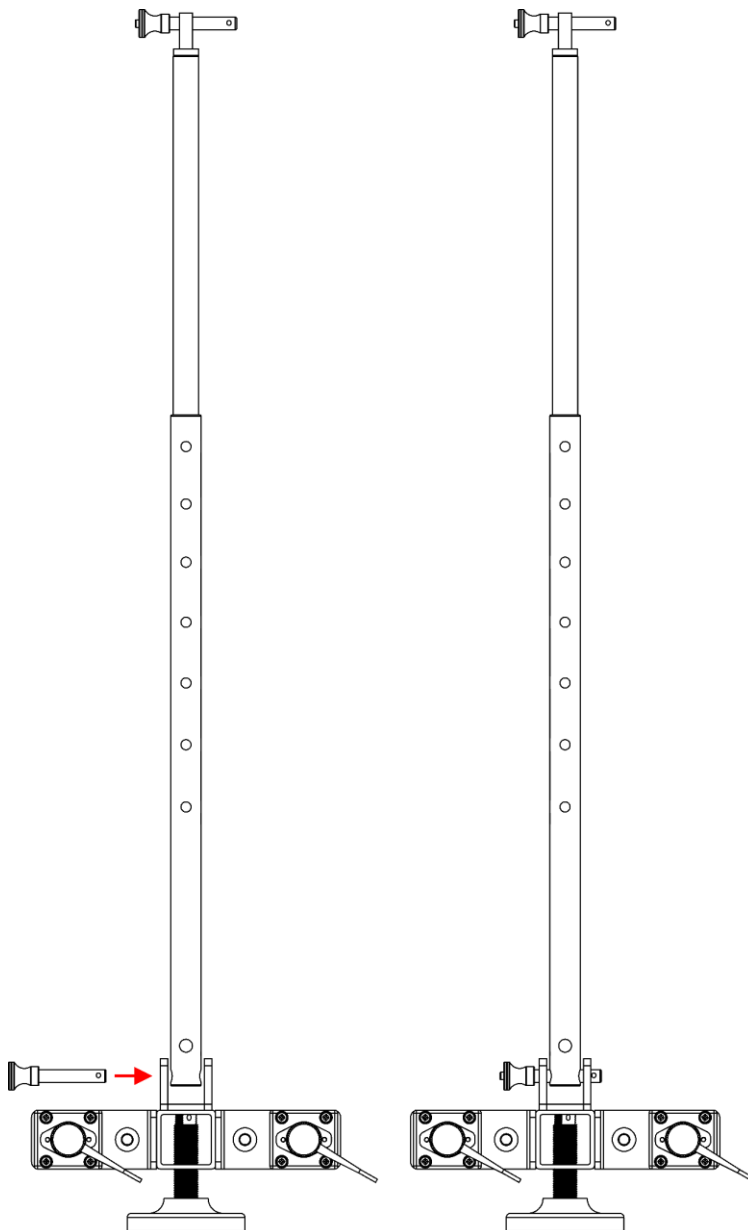


Fig. 12

- 03) Release the button of the **spring-loaded pin (18)**.

4.3.3. Installing the Premiere LED Panel

To install the Premiere LED panel, follow the steps below:

- 01) Put the Premiere LED panel on the **bottom frame (C)** so that the 4 **mounting pins (07)** and the 4 **fast-lock openings (06)** fit in the openings of the Premiere LED panel (Fig. 13).

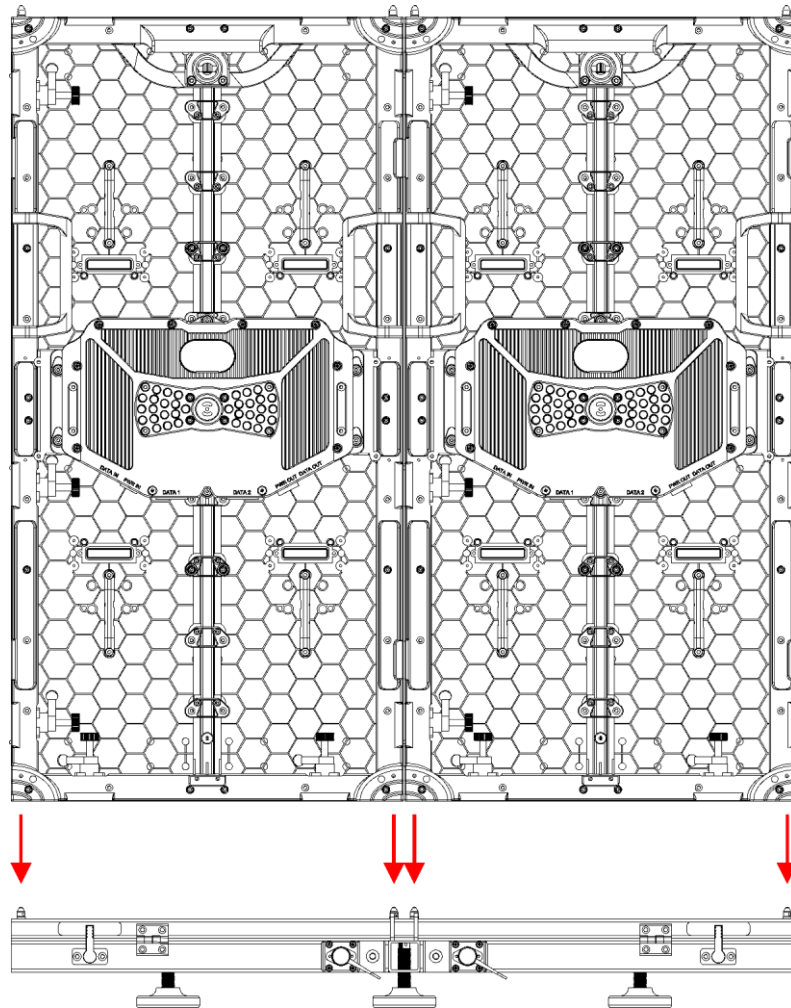


Fig. 13

- 02) Push the spring-loaded fast-locks of the Premiere LED panel and turn them by 90° clockwise or counterclockwise (Fig. 14). Make sure that the pins are firmly locked.
- 03) Turn the locking levers counterclockwise to tighten the Premiere LED panel to the **bottom frame (C)** (Fig. 15).

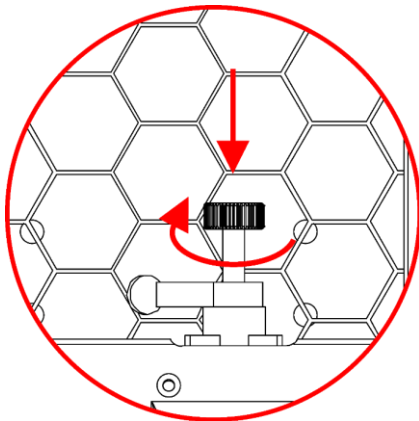


Fig. 14

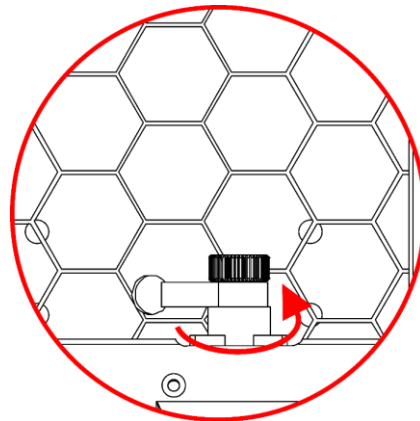


Fig. 15

4.3.4. Installing the Top Frame

To install the **top frame (A)**, follow the steps below:

- 01) Put the **top frame (A)** on the Premiere LED panel so that the mounting pins on the Premiere LED panel fit in the 4 **pin openings (04)** of the **top frame (A)** (Fig. 16).

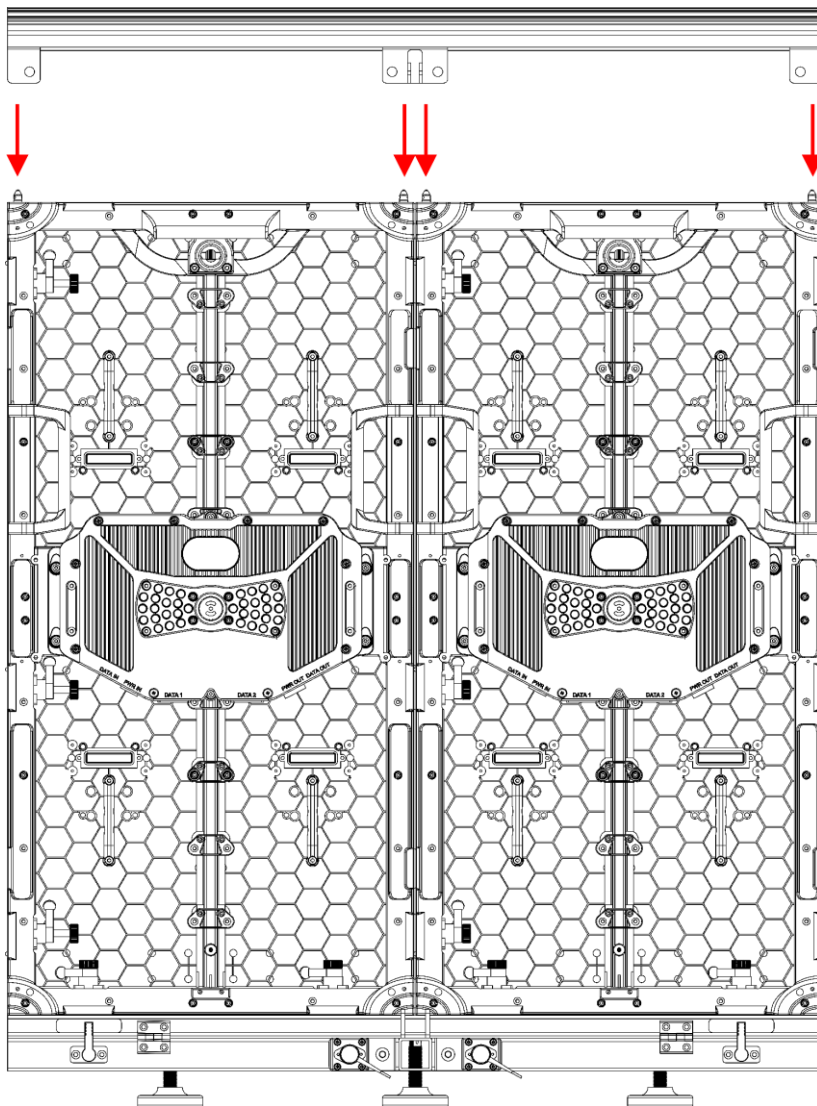


Fig. 16

- 02) Use the supplied 4 M10 screws and washers to attach the **top frame (A)** to the Premiere LED panel.

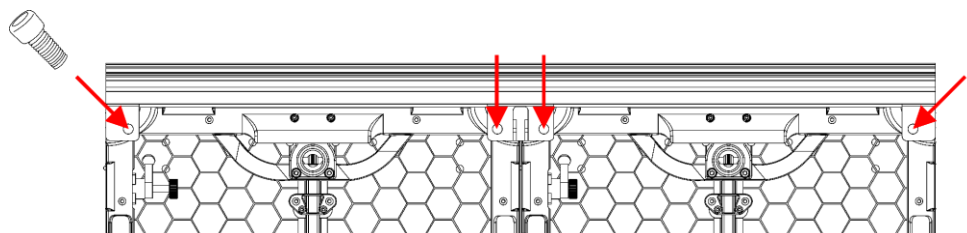


Fig. 17

4.3.5. Connecting the Extension Tube to the Top Frame

To connect the **extension tube (E)** to the **top frame (A)**, follow the steps below:

- 01) Slide out the inner part of the **extension tube (E)** (Fig. 18).

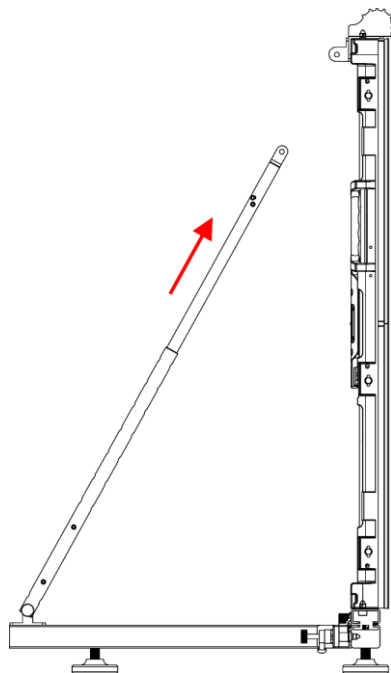


Fig. 18

- 02) Push and hold down the button of the **spring-loaded pin (15)** (Fig. 19).

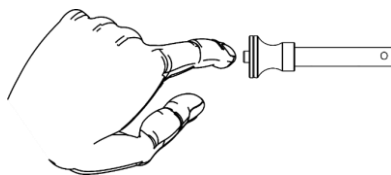


Fig. 19

- 03) Put the **spring-loaded pin (15)** through the **extension tube mounting opening (03)** of the **top frame (A)** and the upper opening of the **extension tube (E)** (Fig. 20).

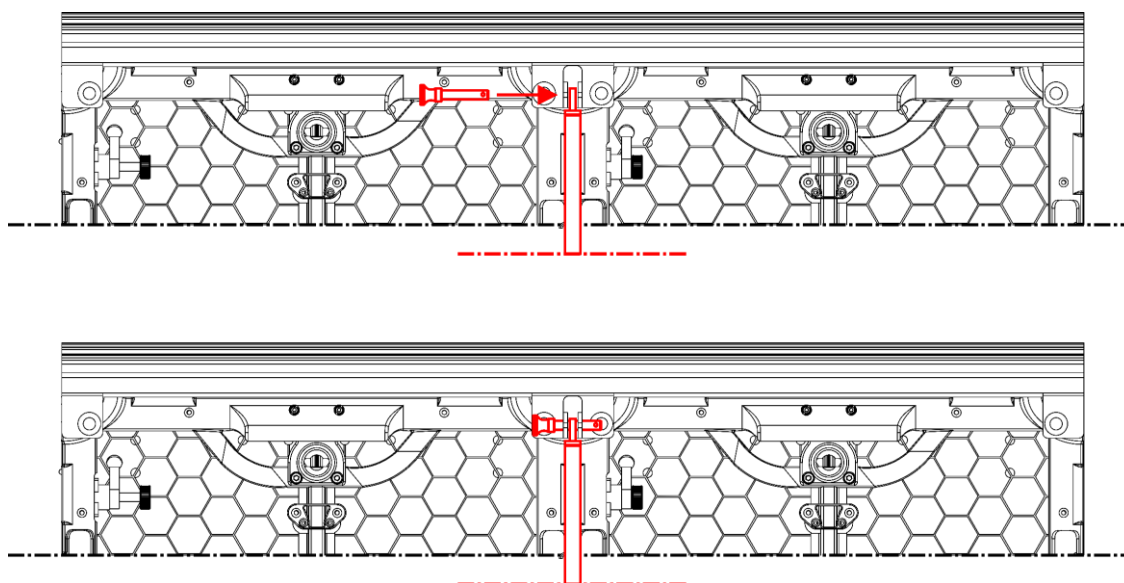


Fig. 20

- 04) Release the button of the **spring-loaded pin (15)**.

4.3.6. Inclination Angle Adjustment

To set the inclination angle, follow the steps below:

- 01) Release the left and right **inclination angle locks (05)** (Fig. 21).

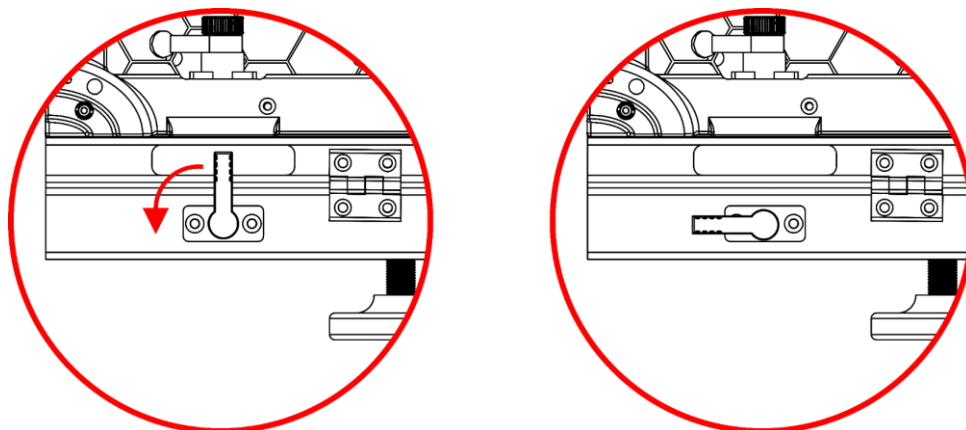


Fig. 21

- 02) Slide the inner part of the **extension tube (E)** in or out to tilt the Premiere LED panel to one of the following 7 inclination angles:

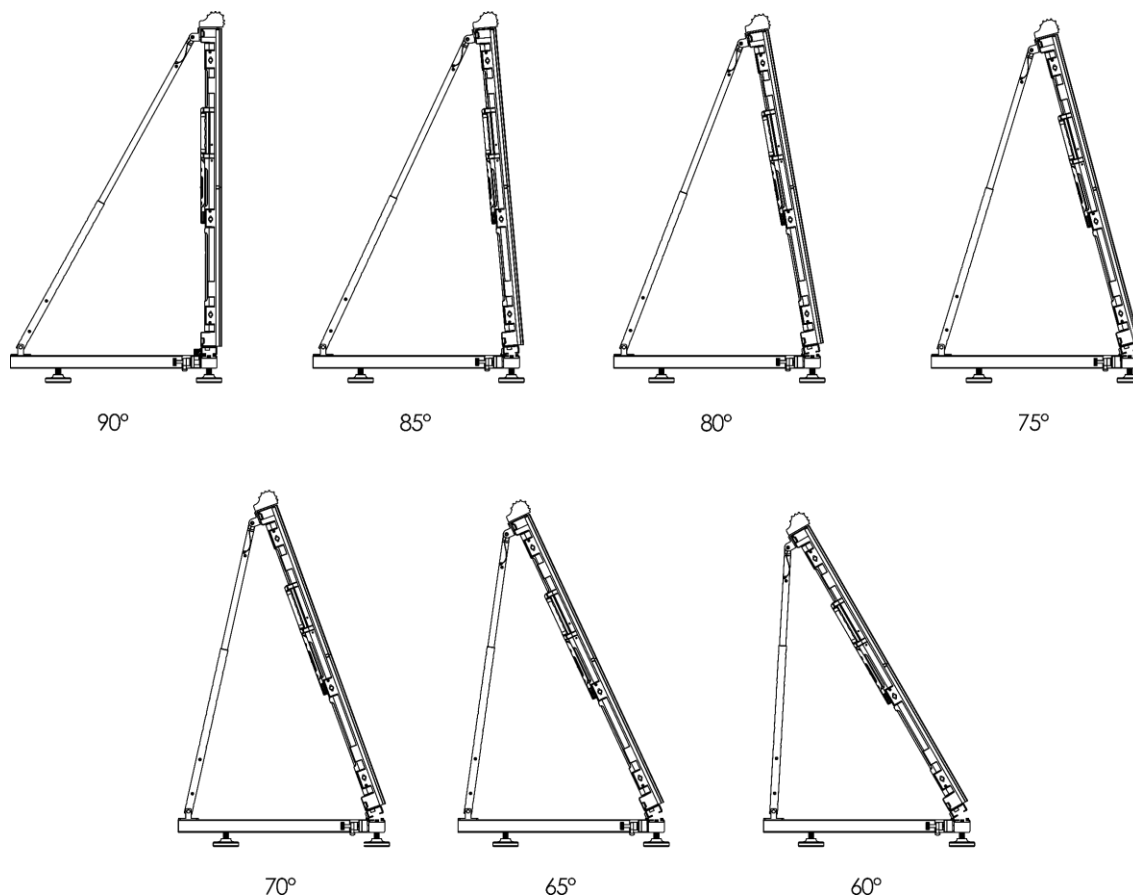


Fig. 22

- 03) Push and hold down the button of the **inclination angle spring-loaded fast-lock (17)** (Fig. 23).

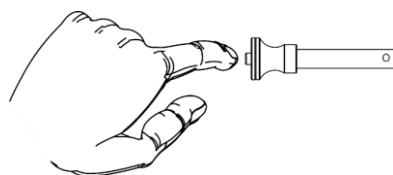


Fig. 23

- 04) Put the **inclination angle spring-loaded fast-lock (17)** into one of the 7 **inclination angle openings (16)** of the **extension tube (E)** (Fig. 24).

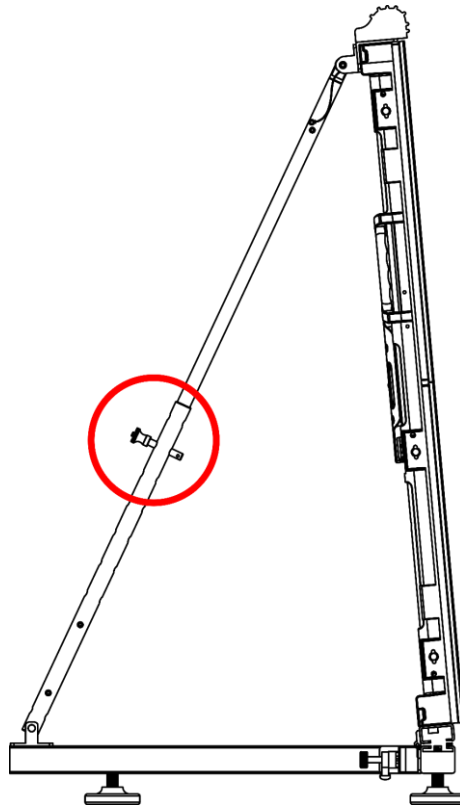


Fig. 24

- 05) Release the button of the **inclination angle spring-loaded fast-lock (17)**.

4.3.7. Height Adjustment

You can adjust the distance between the surface and the Perimeter Bracket with the **adjustable feet (08/12)**. There are 2 adjustable feet on the **bottom frame (C)** and 1 on the **rear frame (D)**.

To adjust the length of the **adjustable feet (08/12)**, follow the steps below:

- 01) Turn screw F of the **adjustable feet (08/12)** clockwise or counterclockwise to adjust the length of the feet, as shown in Fig. 25.
 02) Turn screw G clockwise until it reaches the bottom of the Perimeter Bracket, as shown in Fig. 26.

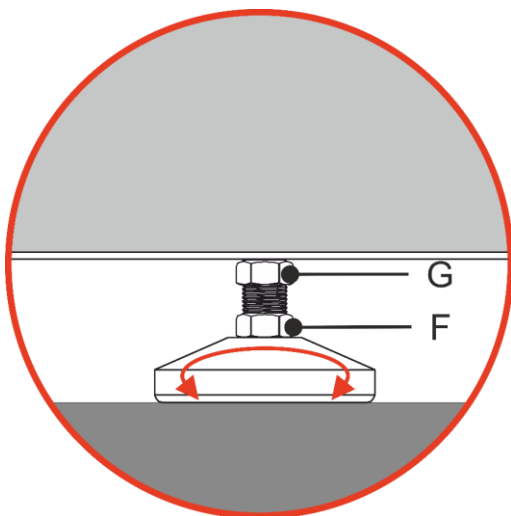


Fig. 25

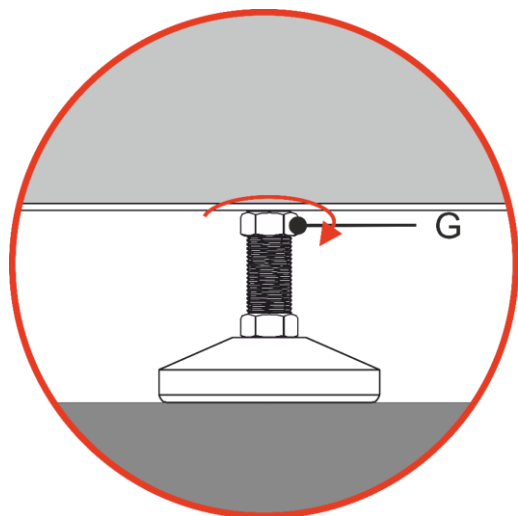


Fig. 26

4.4. Working Load Limit

The device shall be installed only on flat surfaces and shall be used only with the Premiere LED panels, as shown in Fig. 27.

The WLL (Working Load Limit) is 60 kg.

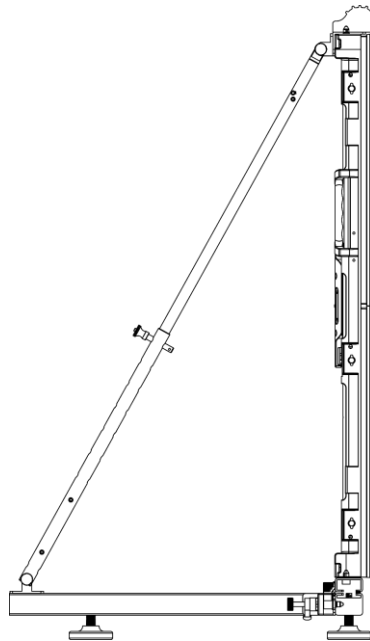


Fig. 27

5. Inspection and Maintenance



Attention

Inspection and maintenance may be carried out only by instructed or skilled persons.
Service shall be carried out only by skilled persons.

5.1. Inspection



Attention

Before every use, examine the device visually for any defects

Regular and periodic inspections shall be carried out throughout the period of service of the device. The frequency of the inspections depends on the inspection schedule established for the site where the device is installed.

- Examine the device for damage, cracks and corrosion. If any fault is found, mark the device clearly and remove it from service.
- Do not use the device if it is damaged.

5.2. Corrective Maintenance

- Do not modify the device.
- Refer repairs and servicing to skilled persons. Contact your Highlite International dealer for more information.

5.3. Basic Cleaning Instructions

- Use a damp cloth to clean the device.
- Do not use alcohol, solvents or abrasive agents.

6. Deinstallation, Transportation and Storage

6.1. Instructions for Deinstallation



WARNING

Incorrect deinstallation can cause serious injuries and damage of property.

- Restrict the access under the working area during deinstallation.
- Always observe the national and site-specific regulations during deinstallation of the device.
- Wear personal protective equipment in compliance with the national and site-specific regulations.

6.2. Instructions for Transportation

Make sure that appropriate measures are taken to prevent damage to the device during transportation.

6.3. Storage

- Inspect the device for defects before storing. See **5.1. Inspection** on page 17 for more information.
- Clean the device before storing. Follow the cleaning instructions in chapter **5.3. Basic Cleaning Instructions** on page 18.
- Store the device in a dry, ventilated environment to avoid corrosion.

7. Disposal

After the device is removed from service it can be disposed of as scrap.

8. Compliance



Check the respective product page on the website of Highlite International (www.highlite.com) for an available declaration of conformity.

