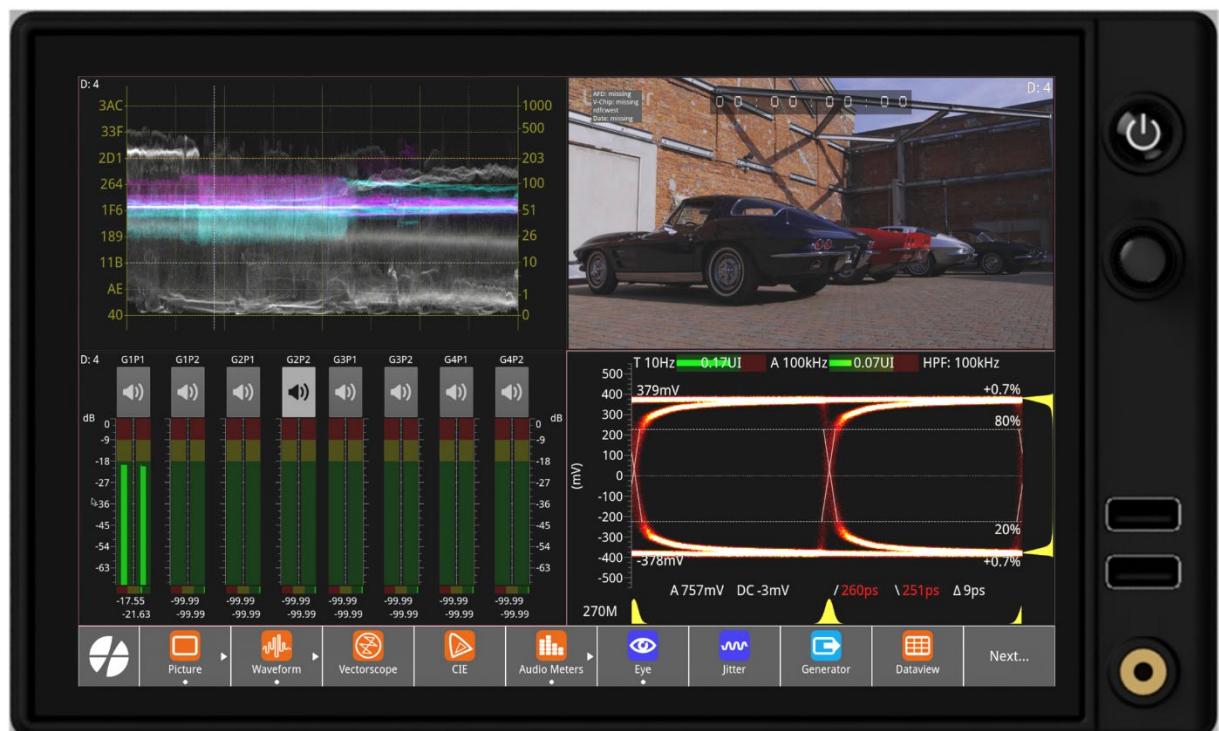


LPX500

Mounting Hardware

Installation Procedures



December, 2024

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Introduction

The following optional mounting kits are available either to rack-mount the LPX500 and / or optional extended monitor, or to mount the unit in a carry-case:

- **LPX500-K1:** 3U 19 inch rackmount (1 x LPX500 chassis)
- **LPX500-K2:** 3U 19 inch rackmount (1 x LPX500 chassis and 1 x extended monitor; or 2 x LPX500 chassis)
- **LPX500-K3:** LPX500 Carrycase and extendable feet.

The **LPX500-K1** 3U 19 inch kit to rack-mount a single LPX500 chassis contains the following components:

- LPX500 Rack Tray
- 1 x Blanking Panel
- 1 x Mesh Spacer Bracket
- 8 x M3x5 Screws

The **LPX500-K2** 3U 19 inch kit to rack-mount either an LPX500 chassis with the optional extended monitor (option **LPX500-EM**) or two LPX500 chassis, contains the following components:

- LPX500 Rack Tray
- 1 x Mesh Spacer Bracket
- 9 x M3x5 Screws

The **LPX500-K3** carrycase kit to desk-mount an LPX500 chassis contains the following components:

- LPX500 Carrycase fitted with Feet (Extendable at the Front) and Handle
- 2 x M3x5 Screws
- 4 x M4x6 Panhead Screws

Mounting Hardware Dimensions

LPX500-K1

Rack Tray

Height:	128.30 mm
Width:	445 mm (Excluding Rack Mounting Folds)
	485.60 mm (Including Rack Mounting Folds)
Depth:	128.41 mm

Blanking Panel

Height:	128.30 mm
Width:	210.25 mm
Depth:	14.00 mm

Mesh Spacer Bracket

Height:	128.30 mm
Width:	21.50 mm
Depth:	14.00 mm (Excluding Foot Insert)

LPX500-K2

Rack Tray

Height:	128.30 mm
Width:	445 mm (Excluding Rack Mounting Folds)
	485.60 mm (Including Rack Mounting Folds)
Depth:	128.41 mm

Mesh Spacer Bracket

Height:	128.30 mm
Width:	21.50 mm
Depth:	14.00 mm (Excluding Foot Insert)

LPX500-K3

Carrycase

Height:	130.50 mm (Excluding Feet and Handle)
	192.50 mm (Including Feet (folded) and Handle)
	222.00 mm (Including Feet (extended) and Handle)
Width:	212.40 mm
Depth:	128.41 mm

Rack-mounting a Single Unit

Option: LPX500-K1

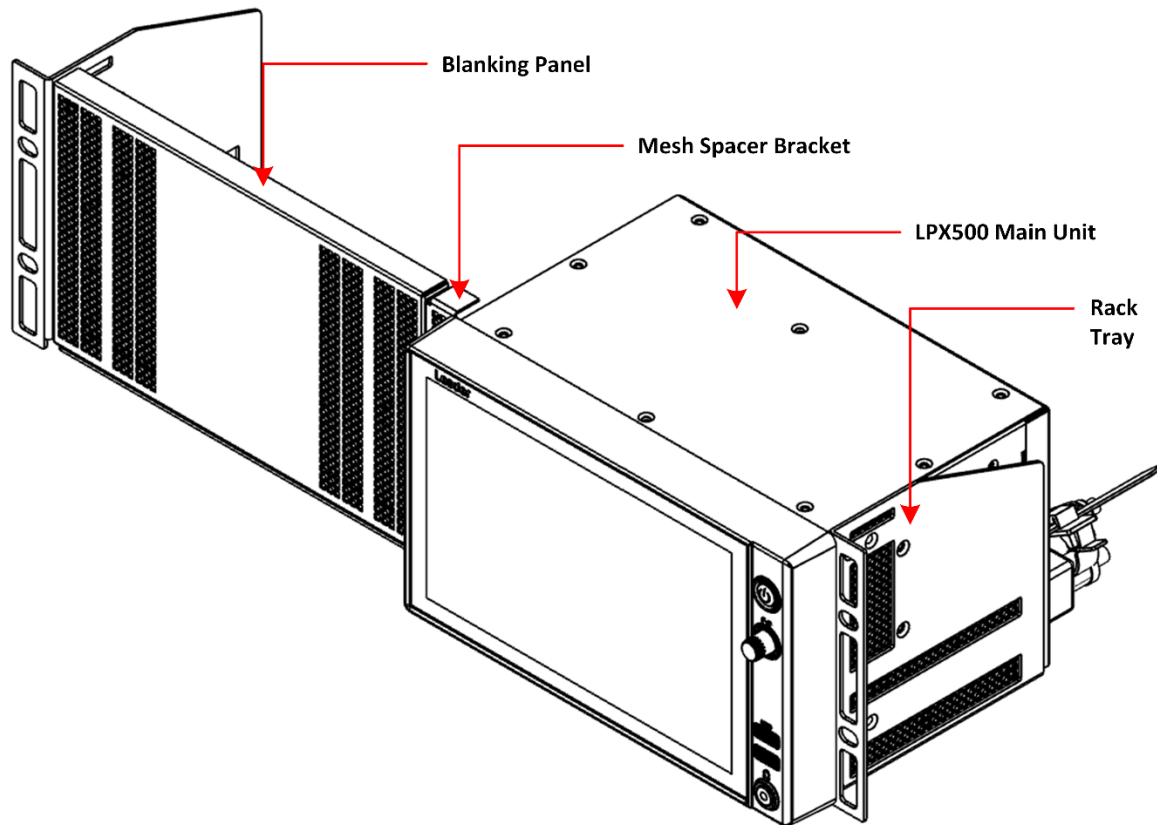


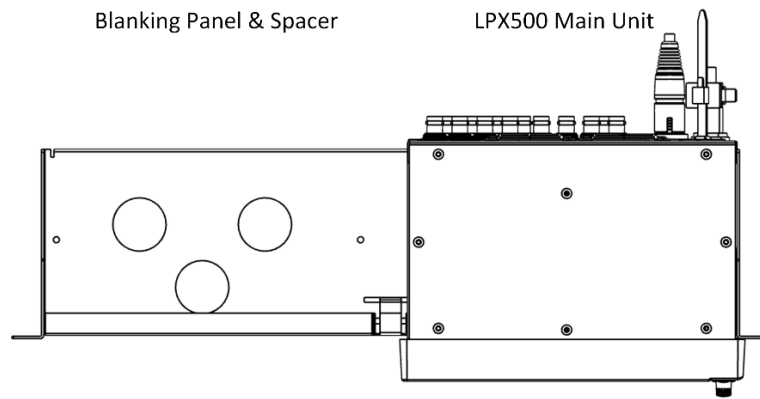
Figure 1: LPX500 Main Unit and Blanking Panel in Rack Tray

Installation Steps

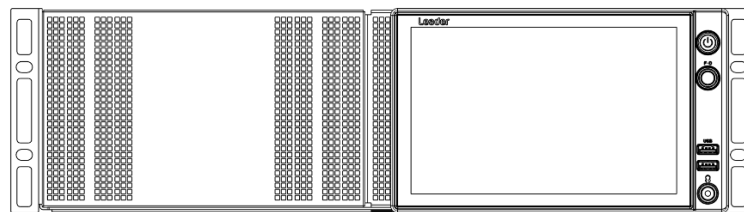
Install the LPX500 and blanking panel in the rack-mount tray as follows:

- 1 Position the LPX500 main unit upside-down on a solid, flat surface, so that it is resting on its top.
- 2 Locate the rack-mount tray on the bottom of the unit, so that the LPX500 is located at the right-hand side of the tray.
- 3 Insert two M3 x 5 screws into the two countersunk holes in the bottom of the tray, securing the unit to the tray. See Figure 2, Bottom View.
- 4 Position the blanking panel upside-down, beneath the rack tray, to the left-hand side of the tray, leaving a gap between the main unit and the panel for the spacer.
- 5 Insert two M3 x 5 screws into the two countersunk holes in the bottom of the tray, securing the blanking panel to the tray. See Figure 2, Bottom View.
- 6 Insert the mesh spacer bracket between the two units and position the foot of the bracket into the slot provided in the rack tray.
- 7 Insert one M3x5mm screw into the mesh spacer bracket from the underside of the rack tray to secure the bracket in place. See Figure 2, Bottom View.
- 8 Turn the whole assembly over so that the main unit is the correct way up, sitting on the rack tray.
- 9 Insert two M3 x 5 screws into the two countersunk holes in the right-hand side of the tray, securing the unit to the side of the tray. See Figure 2, Right Side View.
- 10 Insert one M3 x 5 screw into the countersunk hole in the left-hand side of the tray, securing the extended monitor to the side of the tray. See Figure 2, Left Side View.

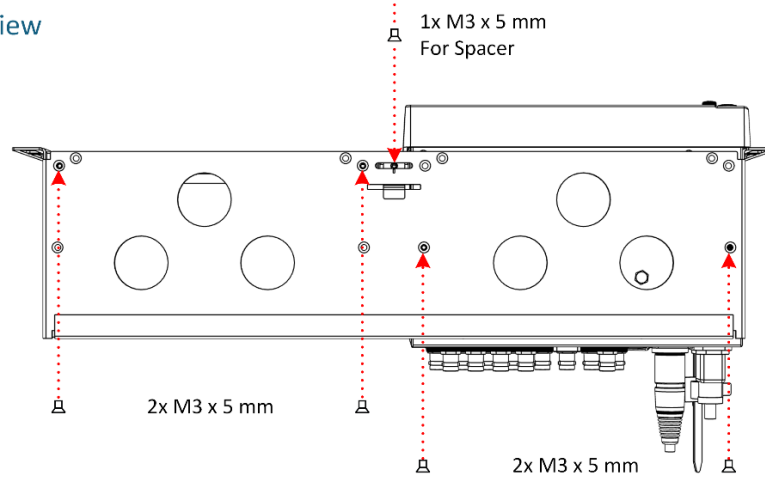
Top View



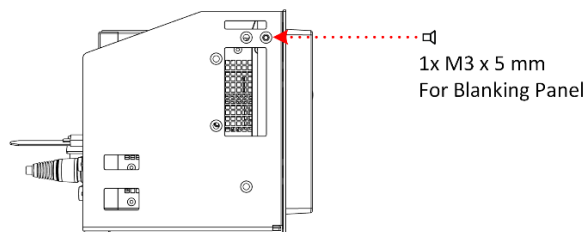
Front View



Bottom View



Left Side View



Right Side View

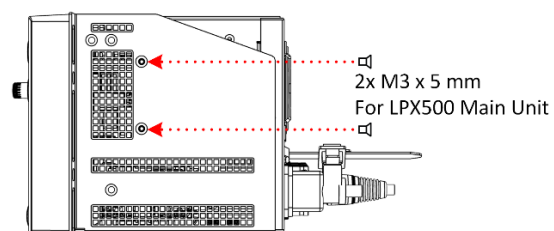


Figure 2: Single LPX500 Main Unit Mounted in Rack Tray

Rack-mounting a Single LPX500 Unit with Optional Extended Monitor

Option: LPX500-K2

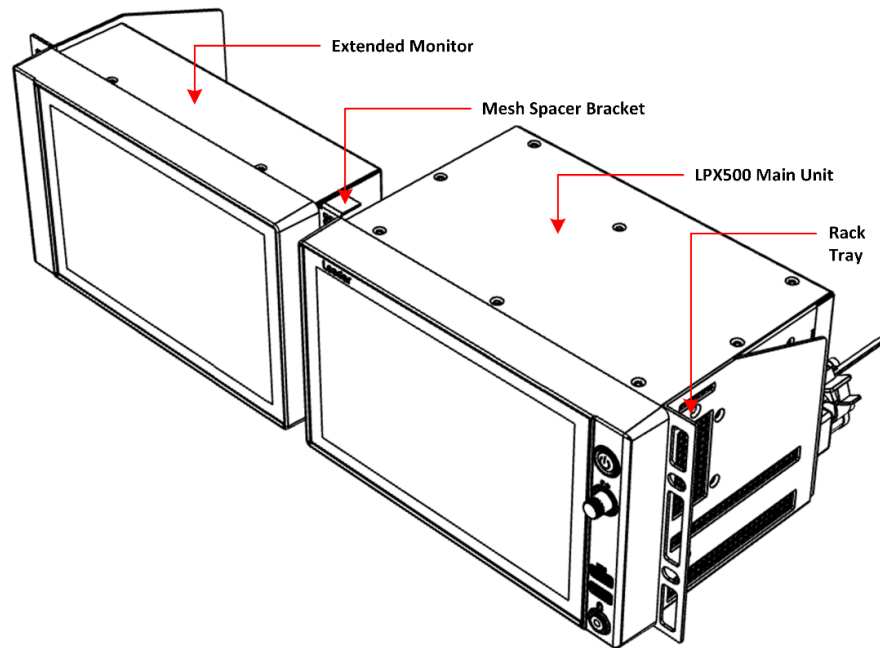


Figure 3: LPX500 Main Unit and Extended Monitor in Rack Tray

Installation Steps

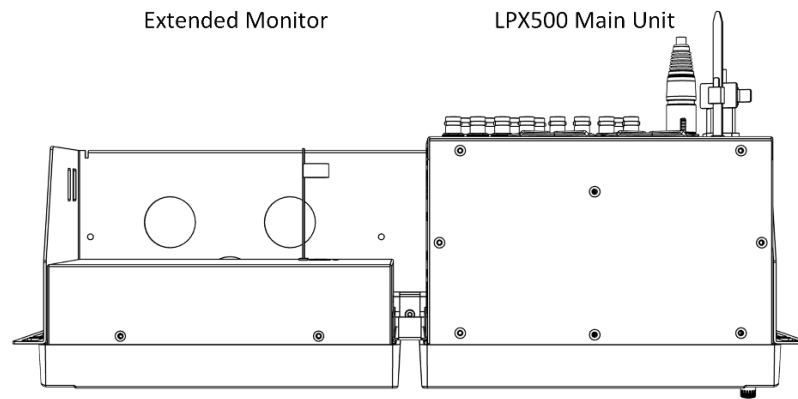
Install the LPX500 and optional extended monitor in the rack-mount tray as follows:

- 1 Position the LPX500 main unit upside-down on a solid, flat surface, so that it is resting on its top.
- 2 Locate the rack-mount tray on the bottom of the unit, so that the LPX500 is located at the right-hand side of the tray.
- 3 Insert two M3 x 5 screws into the two countersunk holes in the bottom of the tray, securing the unit to the tray. See Figure 4, Bottom View.
- 4 Remove the two M3 x 5 screws from the underside of the extended monitor and retain.
- 5 Position the extended monitor upside-down, beneath the rack tray, to the left-hand side of the tray, leaving a gap between the main unit and the monitor for the spacer.

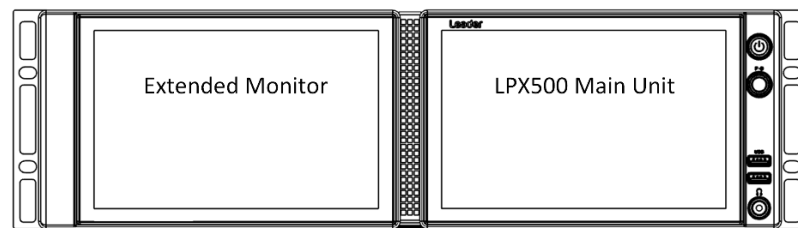
Note: If your Extended Monitor is fitted with the optional feet, remove the feet before positioning the monitor.

- 6 Insert the two M3 x 5 screws from Step 4 into the two countersunk holes in the bottom of the tray, securing the extended monitor to the tray. See Figure 4, Bottom View.
- 7 Insert the mesh spacer bracket between the two units and position the foot of the bracket into the slot provided in the rack tray.
- 8 Insert one M3x5mm screw into the mesh spacer bracket from the underside of the rack tray to secure the bracket in place. See Figure 4, Bottom View.
- 9 Turn the whole assembly over so that the main unit and monitor are the correct way up, sitting on the rack tray.
- 10 Insert two M3 x 5 screws into the two countersunk holes in the right-hand side of the tray, securing the main unit to the side of the tray. See Figure 4, Right Side View.
- 11 Insert two M3 x 5 screws into the two countersunk holes in the left-hand side of the tray, securing the extended monitor to the side of the tray. See Figure 4, Left Side View.

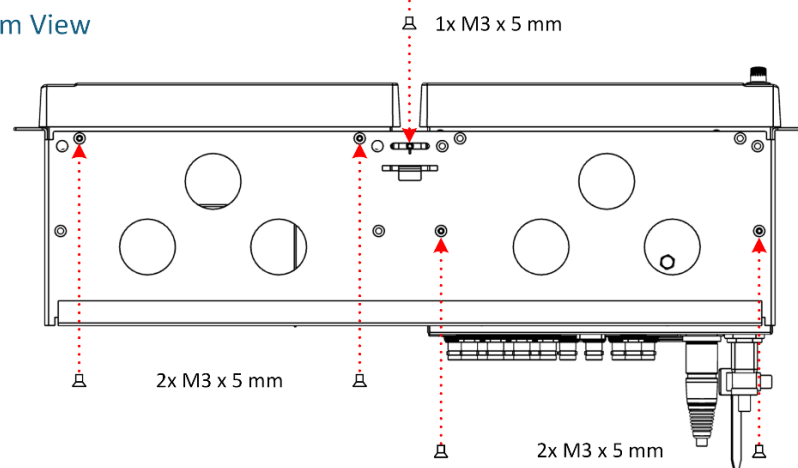
Top View



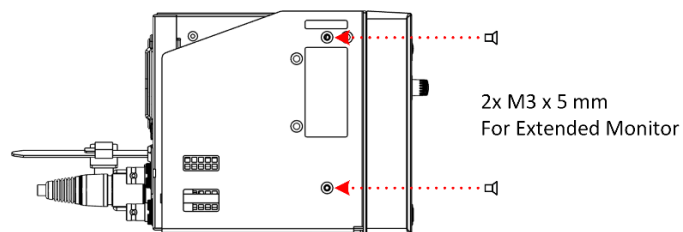
Front View



Bottom View



Left Side View



Right Side View

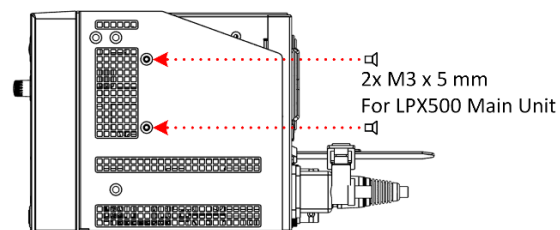


Figure 4: LPX500 Main Unit and Extended Monitor in Rack Tray

Mounting the LPX500 in the Carrycase

Option: LPX500-K3

Carefully Slide the
LPX500 Inside the
Carrycase from the
Front

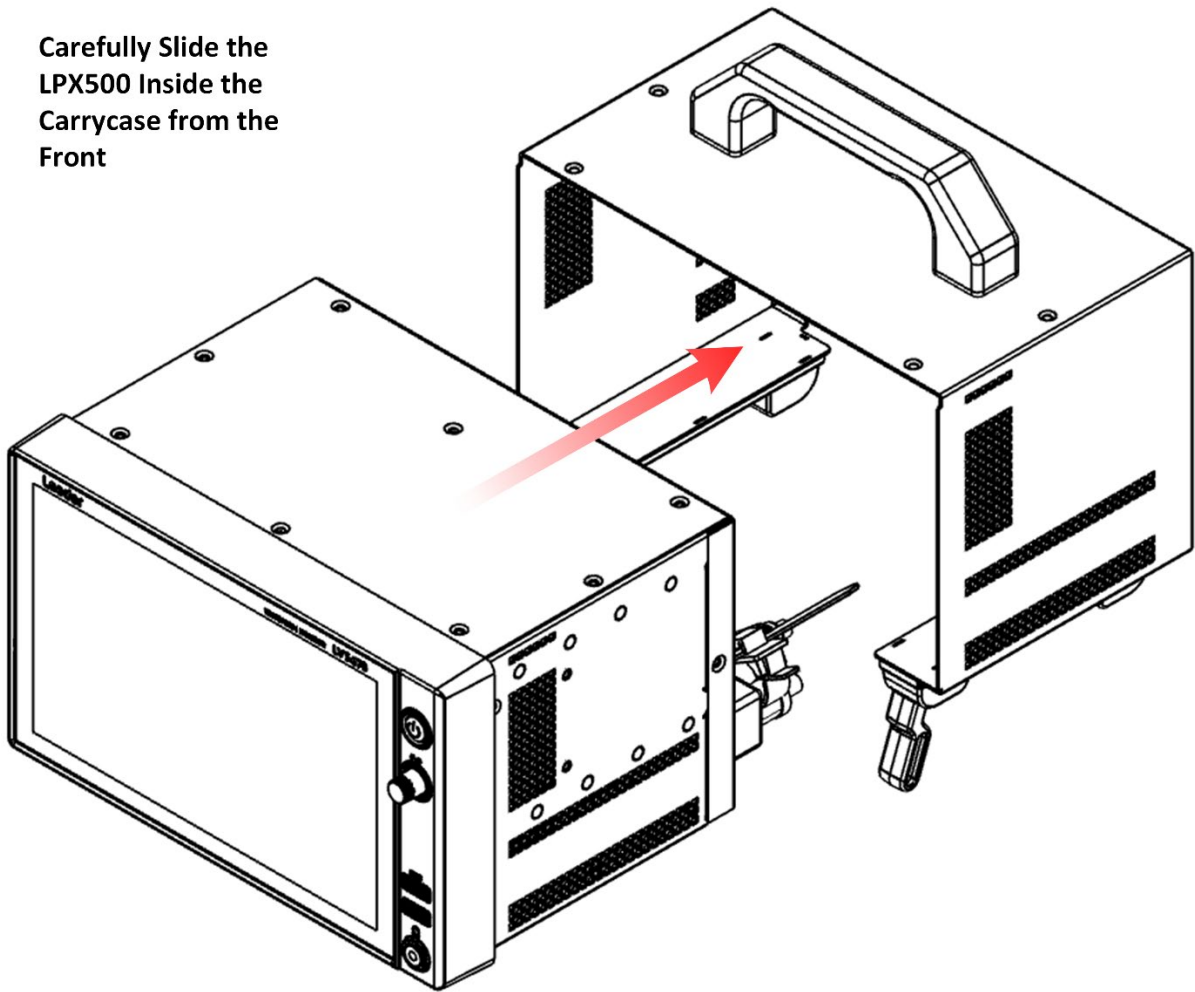


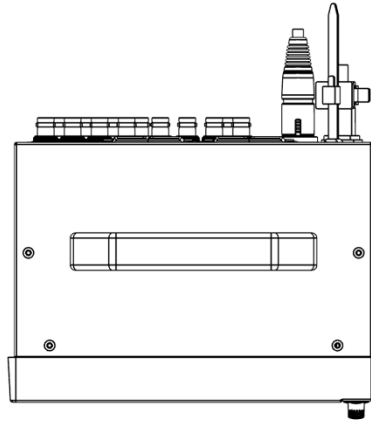
Figure 5: Insert LPX500 Main Unit into Carrycase

Installation Steps

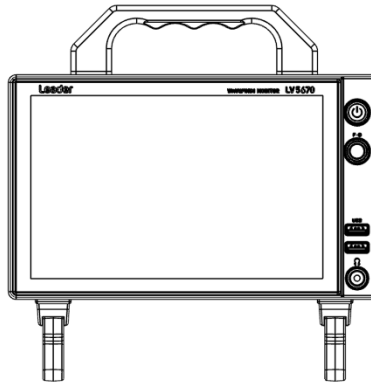
Install the LPX500 in the Carrycase as follows:

- 1 Slide the unit carefully into the carrycase as shown above. You may need to pull the two sides of the carrycase apart slightly, while inserting the unit.
- 2 Turn the unit and carrycase upside down to access the underside of the assembly.
- 3 Insert two M3 x 5 screws into the two countersunk holes in the bottom of the unit. See Figure 6, Bottom View.
- 4 Insert two M4 x 6 screws into each side, to secure the rear of the carrycase to the rear panel of the unit. See Figure 6, Rear View.

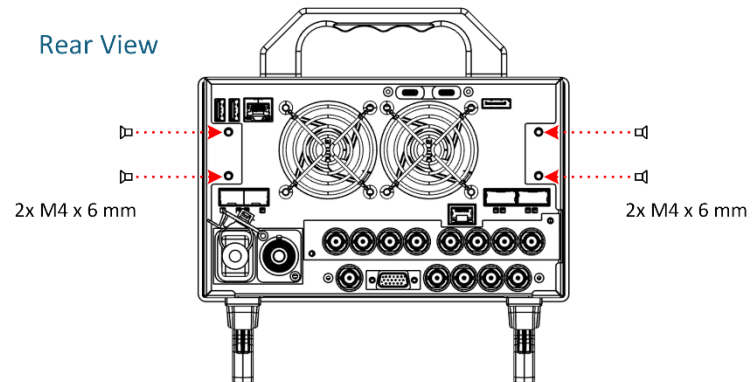
Top View



Front View



Rear View



Bottom View

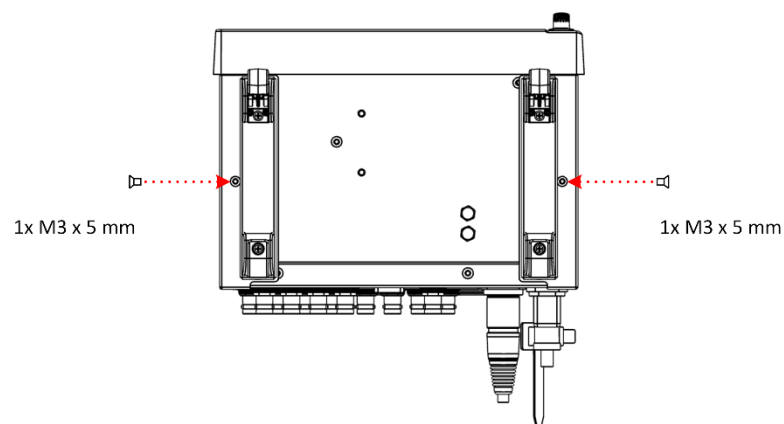


Figure 6: Unit and Carrycase Assembled