



grass valley

A **BELDEN** BRAND

# T2 iDDR Rack Mount Kit

Users Guide

[www.grassvalley.com](http://www.grassvalley.com)

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## Cautions

- (1) It is prohibited to copy a part or all of this product without prior permission.
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## About this manual

- The screens used as examples in this manual are those of the development stage, so they may vary from those in the final product.
- If there are any variations between the explanation in this manual and the actual application method, priority is given to the actual application method.

## Before you begin

When planning the placement of equipment in your equipment rack, bear in mind the following:

- Insure adequate air flow around the chassis to provide sufficient cooling. Operating ambient temperature will affect the amount of air circulation required to keep the iDDR within its temperature limitations. See the T2 User Manual for environmental specifications.
- If the system is installed with its ventilation intakes near another system's exhaust or in a closed or multi-unit rack assembly, the operating ambient temperature inside the chassis may be greater than the room's ambient temperature. Install the system in an environment compatible with the recommended maximum ambient temperature.
- Ensure the rack is anchored to the floor so that it cannot tip over when the iDDR is extended out of the rack.
- Be sure to mount the iDDR in a way that ensures even weight distribution in the rack. Uneven mechanical loading can result in a hazardous condition. Secure all mounting bolts when installing the chassis to the rack. The following sections describe installing the T2 iDDR Rack Mount Kit step-by-step.

## Grass Valley Web Site

This public Web site contains all the latest manuals and documentation, and additional support information. Use the following URL.

<http://www.grassvalley.com>.

T2 iDDR Rack Mount Kit Users Guide

Ver 2.0

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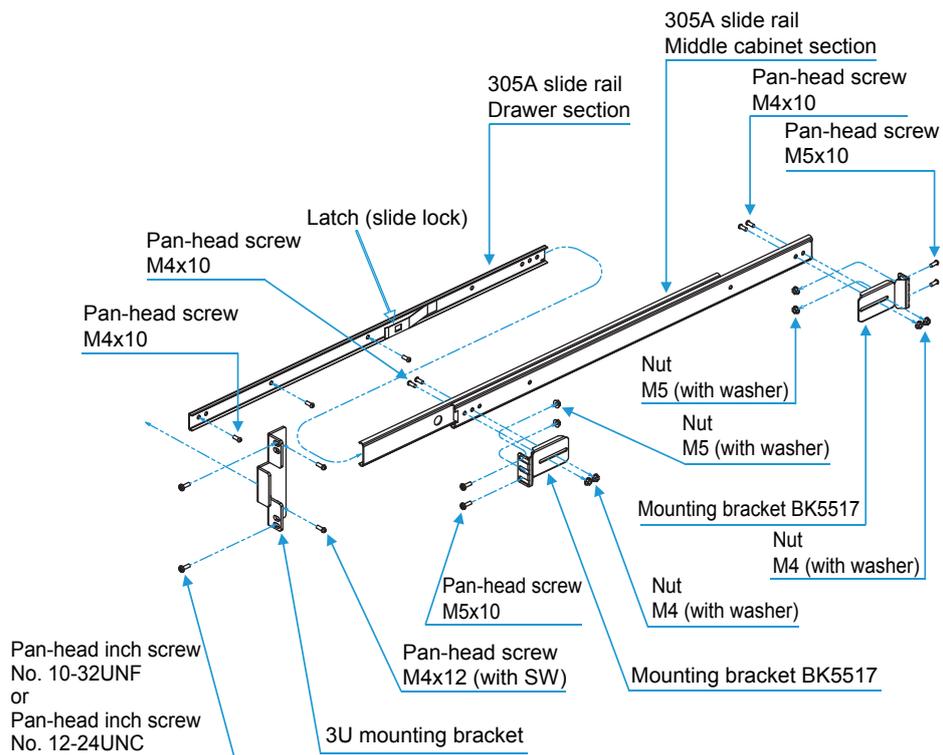
# Attaching T2 iDDR Rack Mount Kit

The procedure to set T2 to a rack using T2 iDDR Rack Mount Kit is described in this part.

## Parts of T2 iDDR Rack Mount Kit

T2 iDDR Rack Mount Kit includes two rails for the left and right sides and other accessories.

The following illustration shows the right side of the parts of T2 iDDR Rack Mount Kit. (The parts are same on the left side.)

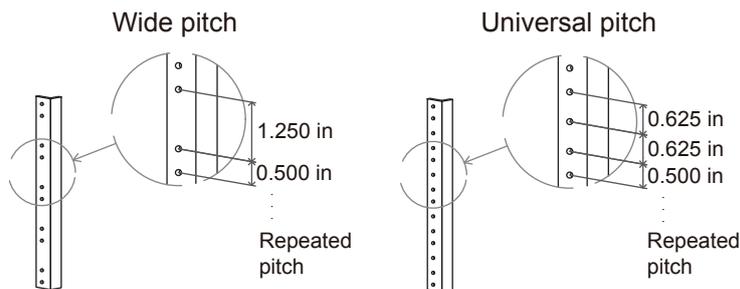


## Setting to a 19 inch rack

T2 iDDR Rack Mount Kit supports EIAJ 19 inch unit rack.

With the brackets supplied with T2 iDDR Rack Mount Kit, set your T2 to the mounting holes of the mounting chassis of the EIAJ 19 inch unit rack.

EIAJ 19 inch unit chassis specifications



## Setting T2 to a rack

The procedure to attach T2 iDDR Rack Mount Kit to a rack and set T2 is described in this part.

- NOTE**
- The screws can come loose because of the movement of the slide rails. To set this product, make sure that the screws are firmly fastened. (If the product is not fixed firmly, the drawer may not move smoothly.)
  - When you operate your T2 set in a rack, in order to dissipate the exhaust heat, be sure that there is enough space between the devices set above and below so that the heat can be easily released. (When devices are set too close to each other, their internal temperatures may increase, causing problems or malfunctions.)

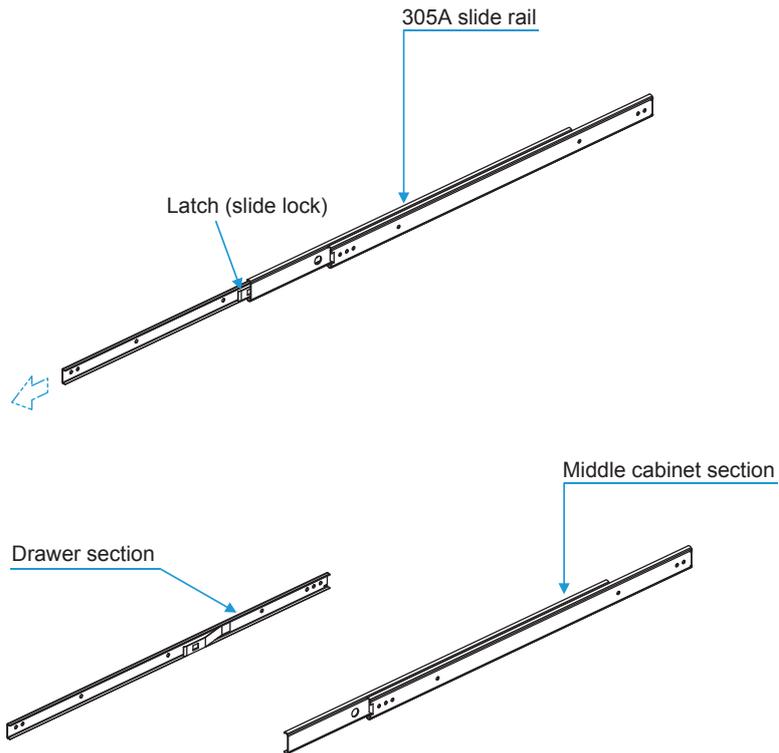
### 1 Disassembly of slide rail

If you pull out the slide rail to as far as it goes in the direction of the arrow in the illustration, the latch on the drawer section (slide lock) will automatically lock the slide rail.

To disassemble, push the tip of the latch (slide lock) to unlock, and pull the drawer section in the direction shown in the arrow.

Disassemble the slide rail on the other side in the same procedure.

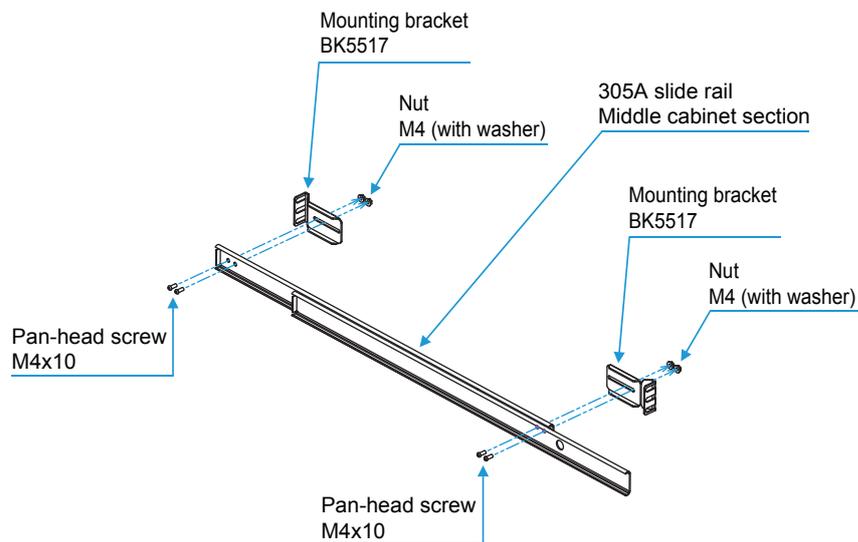
- NOTE**
- Be careful not to get your fingers jammed in the moving parts when pulling out the slide rail.
  - A small amount of oil is applied on the moving parts of the drawer and middle cabinet sections for the smooth slide movements. Be careful when handling those parts.



**2** Set the mounting bracket to the slide rails (middle cabinet section).

Set the mounting bracket (two pieces) to the middle cabinet section and affix them.

Set the mounting bracket to the other side of the middle cabinet section in the same procedure.



**3** Set the slide rails (middle cabinet section) to the rack.

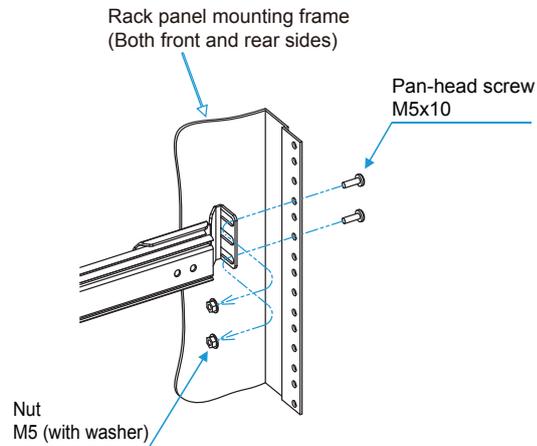
After affixing the bracket to the panel mounting frame, fasten the screws to affix the slide rail and the bracket so that they are firmly fastened.

Set the slide rail on the other side to the rack in the same procedure.

To mount your T2 to a rack, make sure that the two rails are set at the same

height, and be sure to fasten the mounting brackets on both ends to the rack (panel mounting frame).

**TIP** • When using female screws on the panel mounting frame, follow the instructions and use screws specified for the rack.

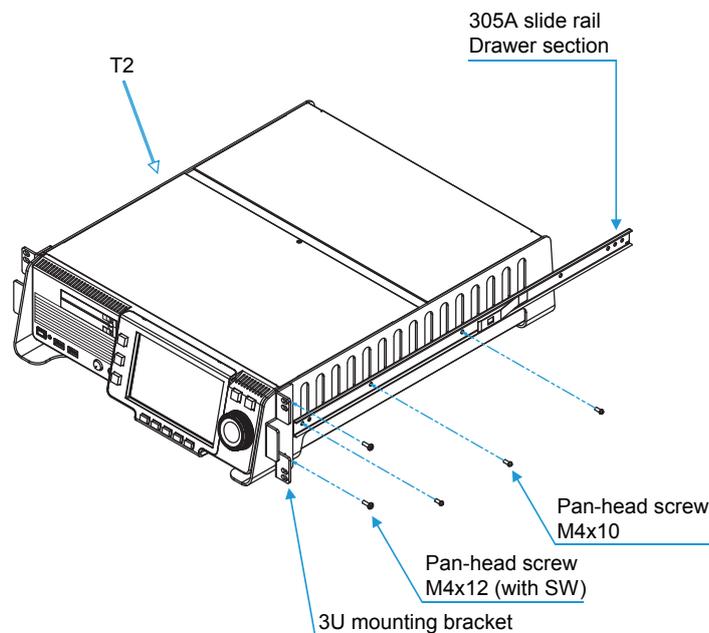


**4** Set the 3U mounting bracket and slide rail (drawer section) to the T2 body.

Set the 3U mounting bracket and slide rail (drawer section) to the side of the T2 body.

Set the other 3U mounting bracket and slide rail (drawer section) to the other side of your T2, in the same way.

When setting slide rails to the left and right sides, make sure that both rails are set at the same height.



**5** Set T2 to the slide rails attached on the rack.

Insert the slide rails (drawer section) attached on both sides of T2 into the slide

rails (middle cabinet section) to set your T2 to the rack.

T2 will mount smoothly without locking the latch (slide lock), when setting your T2 to a rack. If you try to forcefully slide your T2 into the rack, the slide rails may be damaged.

Make sure that T2 can be mounted all the way to the end, and that T2 can then be smoothly slid out, and then affix the 3U mounting bracket to the rack panel mounting frame.

- TIP**
- If your T2 cannot slide smoothly in the rack, the position and angle of the slide rails must be adjusted. Check the positions of the parts and adjust them so that the slide rails move smoothly.
  - Some rack types may not fit the accessories (screws) of this product. Check the specifications of your rack, and use the recommended parts for your rack.

## Operating after set up

When you slide your T2 out from a rack, if you remove the fixing screws of the 3U mounting brackets set on the left and right sides of the T2, the latch automatically locks at the position where the T2 was fully slid out.

To pull your T2 out from a rack, or to slide it back into a rack again, push down the tip of the latches on the slide rails (drawer section) on both the left and right sides, to unlock the slide rail.

- NOTE**
- When you operate your T2 set in a rack, in order to dissipate the exhaust heat, be sure that there is enough space between the devices set above and below so that the heat can be easily released. (When devices are set too close to each other, their internal temperatures may increase, causing problems or malfunctions.)