



CAUTION: Before proceeding, refer to the "Important Regulatory and Safety Notices to Service Personnel" document that was included with your unit. It is also recommended to refer to the *NEWT-IPX User Guide* which is available for download from our website.

Overview

This document outlines how to install up to three NEWT-IPX modules on a 1RU Shelf, and then install the 1RU Shelf in a rack frame. You will need:

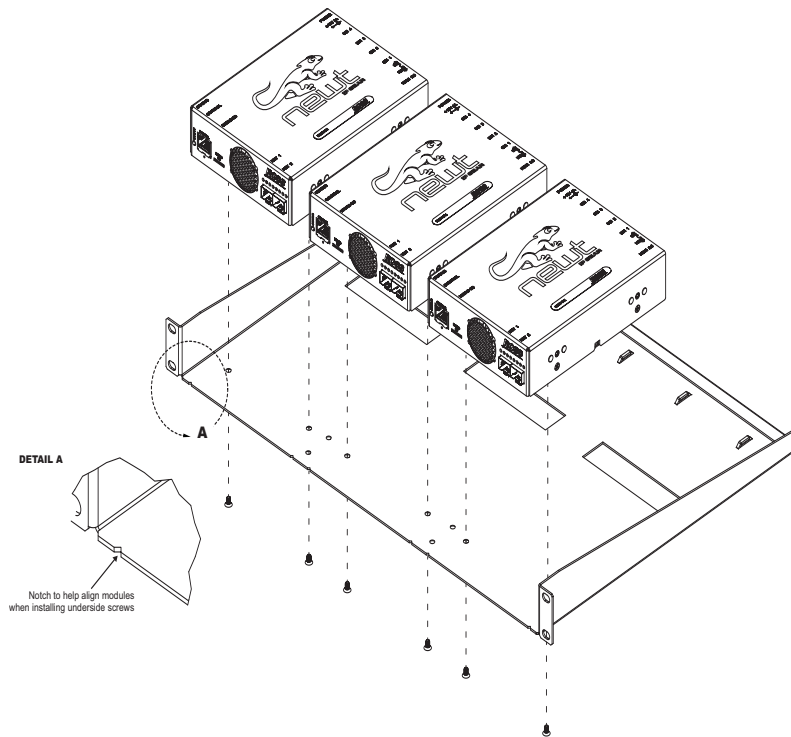
- One 1RU Shelf (Ross P/N: NEWT-SHELF)
- At least one NEWT-IPX module
- A Phillips #2 screwdriver

Installing the NEWT-IPX in the 1RU Shelf

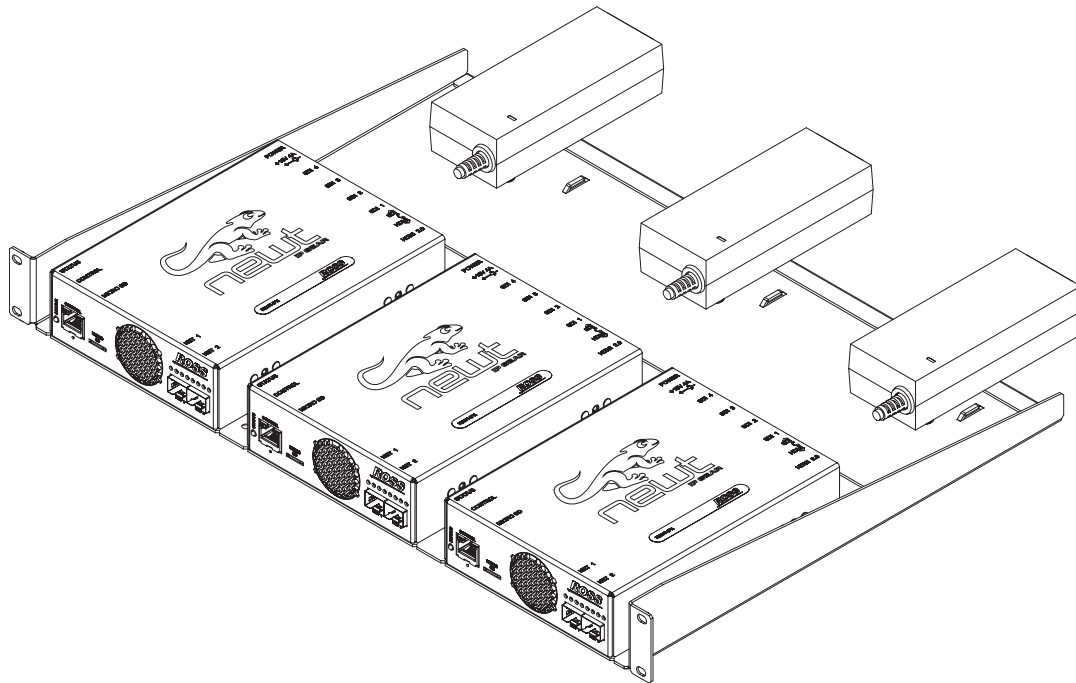
You can install up to three NEWT-IPX modules on a single 1RU Shelf. Each NEWT-IPX module is secured to the 1RU Shelf via its underside and the provided screws. You must also install a power supply for each NEWT-IPX.

To physically install the NEWT-IPX in the 1RU Shelf

1. Position the NEWT-IPX on the 1RU Shelf in one of three slots. Ensure that the:
 - module side with the logo is facing up;
 - end of the module with the PWR port faces the back of the shelf;
 - end with the NET and CONTROL ports face the front of the shelf and is flush to the shelf front edge.
 2. Secure the NEWT-IPX, via its underside, to the 1RU Shelf using the provided screws.
- ★ Use the notches in the shelf front-edge to align the NEWT-IPX.



3. If required, repeat steps 1 to 2 for up to two additional NEWT-IPX modules in the remaining slots.
4. Secure each power supply to the 1RU Shelf using a tie wrap(s) or Velcro pad(s).



Installing the 1RU Shelf in a Rack Frame

The 1RU Shelf is affixed to the rack frame via the ears located on its front.



Caution — An 1RU Shelf with three NEWT-IPX modules installed is heavy. Ensure that you have a firm grip on the shelf, or that the shelf is otherwise supported, before affixing it to the rack frame.

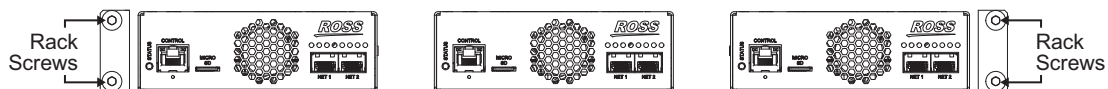
To install the 1RU Shelf in a rack frame

1. Slide the 1RU Shelf fully into the rack frame so that the ears of the 1RU Shelf are flush to the rack frame.



Caution — Adequate ventilation within a rack frame must be maintained.

2. Use a Phillips screwdriver and the provided screws to secure the 1RU Shelf to the rack frame.



Cabling the NEWT-IPX

Refer to the *NEWT-IPX Quick Start Guide* for cabling details and further installation steps.

- ★ The spaces between each NEWT-IPX module can be used to run cable to the front connections on the NEWT-IPX chassis.