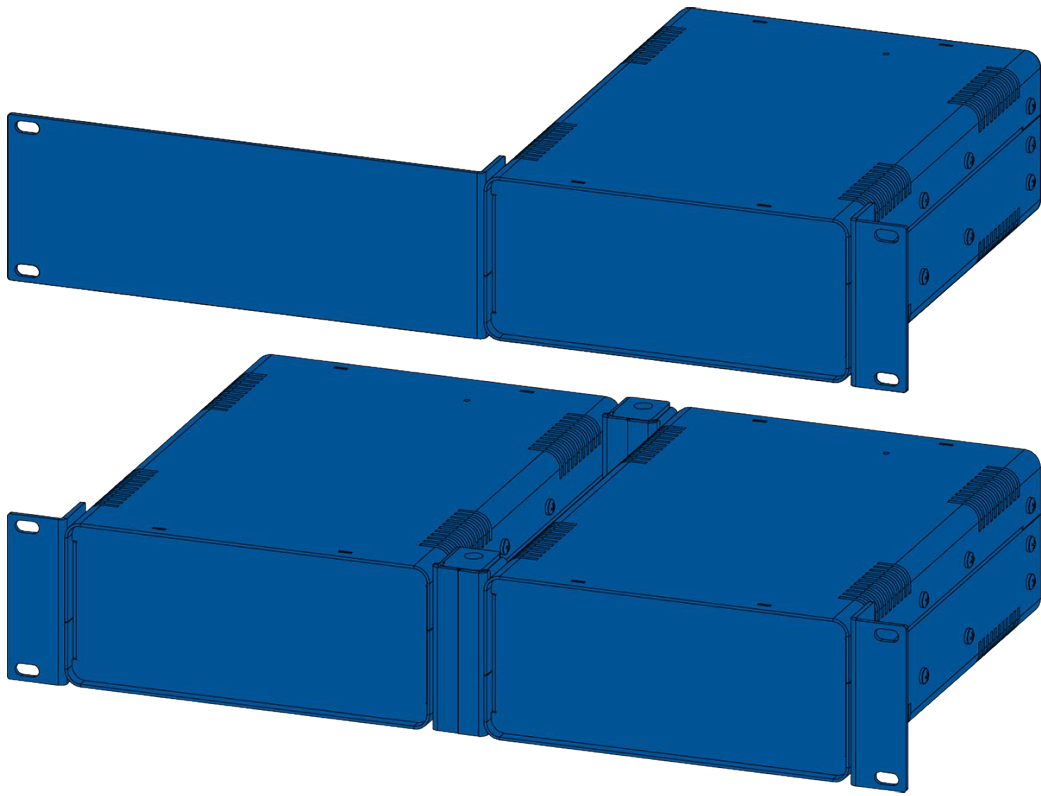# ProPlex

D A T A   D I S T R I B U T I O N

RackMount Kits
User Guide

Overview

ProPlex RackMount Kits are designed to allow easy rack mounting of ProPlex PortableMount units.
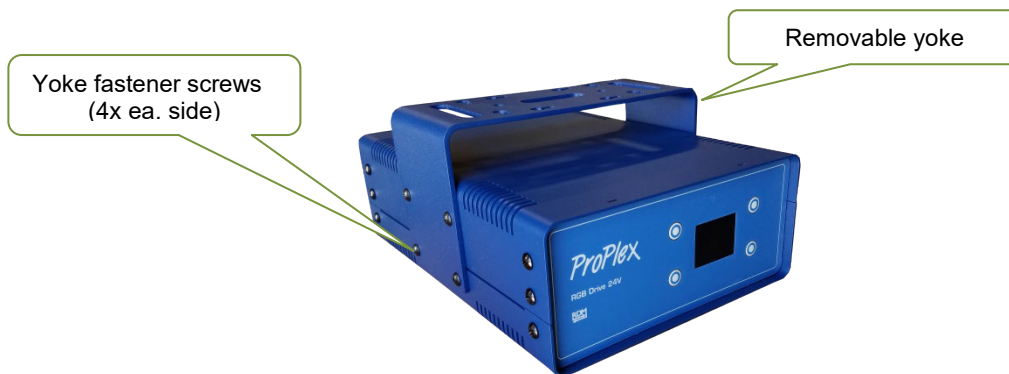
ProPlex RackMount Kits are available in the following formats:

PP1RMKITSS   ProPlex 1U RackMount Kit, Small, Single – IQ Mini, Opto Mini, FOH Friend, LTC Devices

PP1RMKITSD   ProPlex 1U RackMount Kit, Small, Dual – IQ Mini, Opto Mini, FOH Friend, LTC Devices

PP1RMKITMS   ProPlex 1U RackMount Kit, Medium, Single – GBS Mini

PP1RMKITMD   ProPlex 1U RackMount Kit, Medium, Dual – GBS Mini

PP2RMKITLS   ProPlex 2U RackMount Kit, Large, Single – PortableMount: IMS, Mozart, FloppyDrive, IQ Two 66, Opto 2x8

PP2RMKITLD   ProPlex 2U RackMount Kit, Large, Dual – PortableMount: IQ Two 66, Opto 2x8. *Note: PortableMount IMS, Mozart, or FloppyDrives must not be coupled together with Dual RackMount Kits (see item 3 below).*
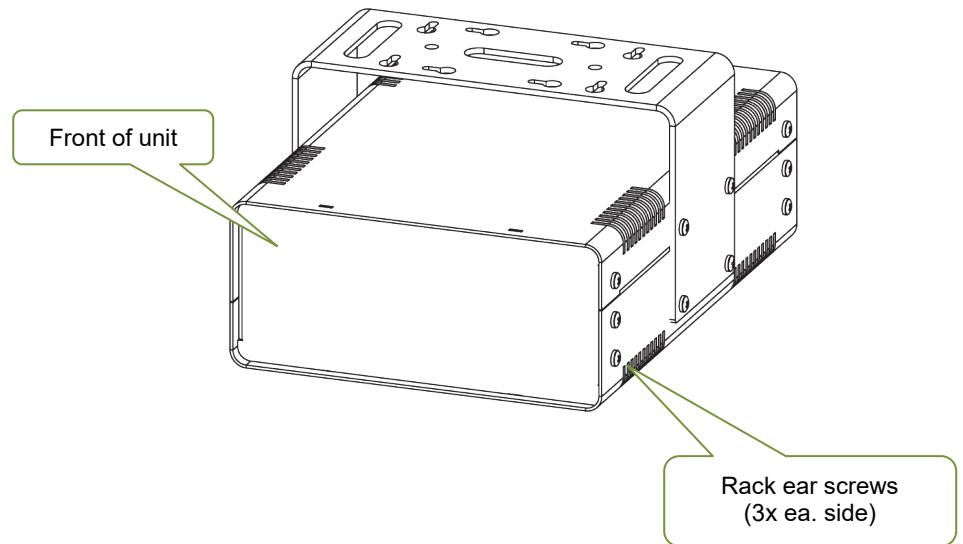
Instructions and Safety Warnings

1) ProPlex PortableMount enclosures include a yoke for truss mounting. Before attaching any RackMount Kit, remove the yoke by unscrewing the four Phillips-head screws which fasten the yoke to the chassis.
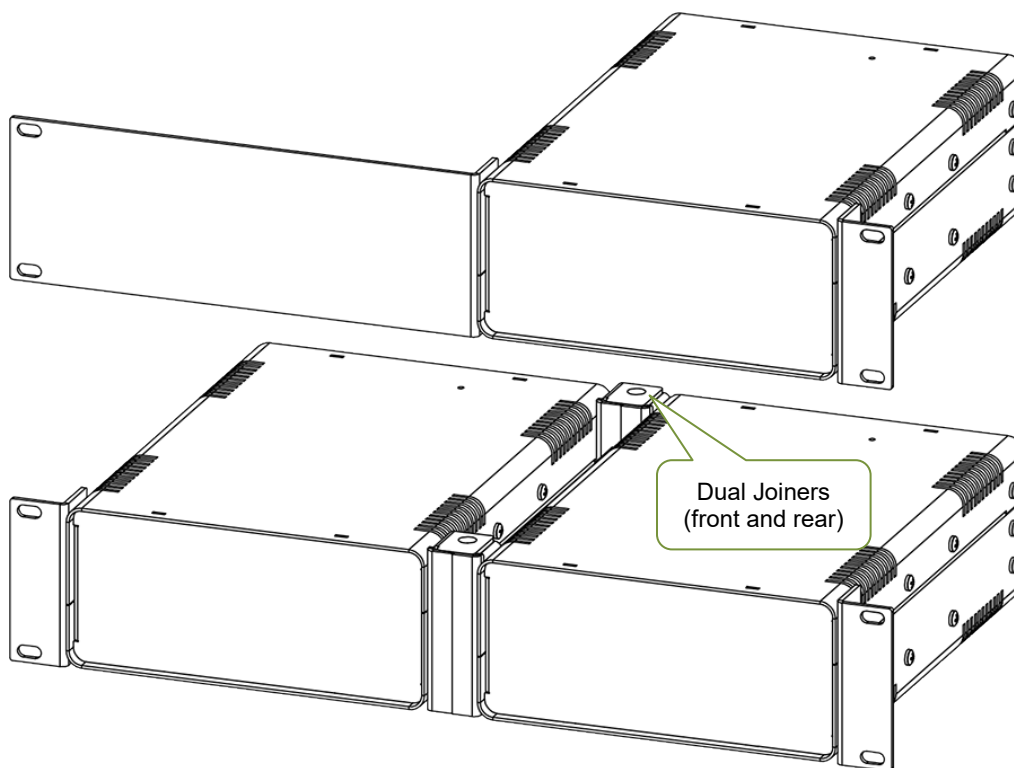
Important: Regardless of the configuration of the specific RackMount Kit being installed, all original yoke screws must be installed back into the ProPlex PortableMount device.

Yoke fastener screws (4x ea. side)

Removable yoke

2) The 2U RackMount Kit Single is comprised of two rack ears, one long and one short. To fasten the ears to the ProPlex PortableMount chassis, remove the three chassis screws on each side that align with the rack ear mounting holes at the front of the chassis. Then use the same screws to securely fasten the ears to the chassis, per below illustrations. The short and long ears can be mounted to either side of the chassis.
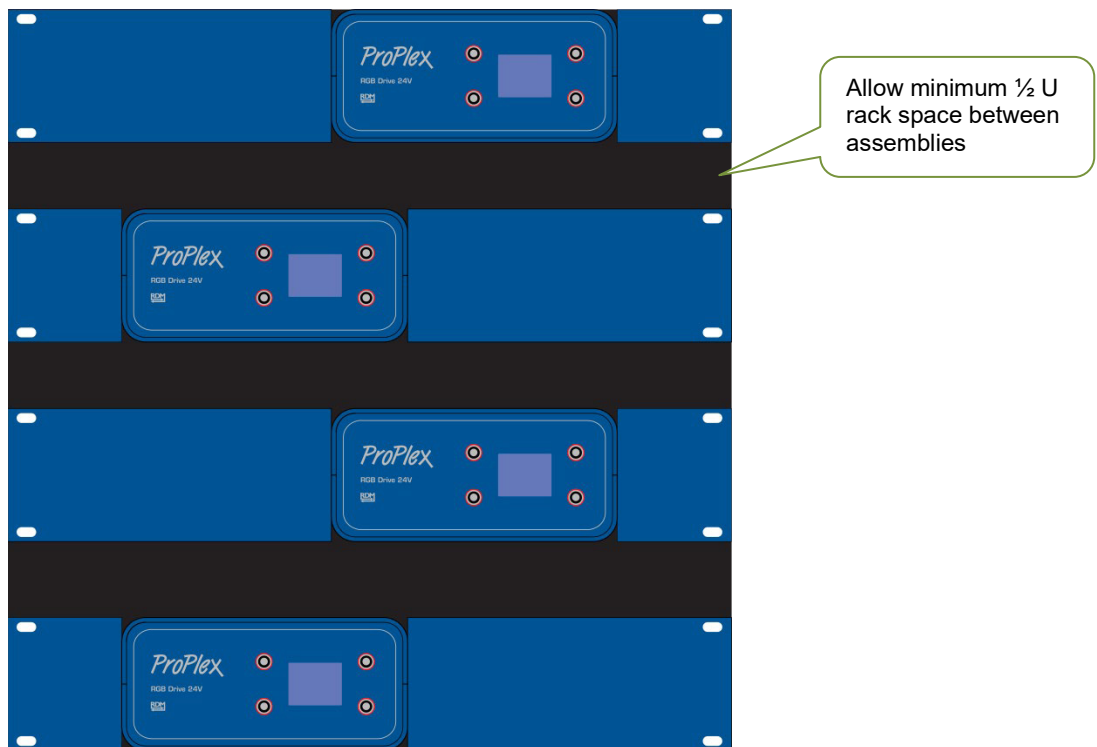
Front of unit

Rack ear screws
(3x ea. side)

3) The drawing below depicts the 2U Large Single (top) and Dual (bottom) RackMount Kits. Note the Dual version requires TWO center Dual Joiners (included in the Kit), attached at the front and rear of the units, enhancing stability in the rack. The same principle applies to Small Dual (for IQ and Opto Mini enclosures), and Medium Dual (for GBS Mini) RackMount Kits.

Dual Joiners
(front and rear)

4) **Caution: Mounting ProPlex FloppyDrives, Mozart Drives and IMS Universe Drives.** These LED driver units must have adequate airflow. When installing multiple units, they must be mounted on alternating sides of the rack, so one does NOT reside directly above another, with at least one-half 1U space between each assembly, per below illustration. Other ProPlex PortableMount units – IQ, GBS, Opto-Splitter, etc. – may be mounted adjacent to each other.

Warning: Placing two FloppyDrives or IMS Universe Drives directly next to each other – vertically or horizontally – in a rack or enclosed space will prevent adequate air circulation and may result in overheating of the device. Misapplication will void the warranty of the ProPlex device.

Allow minimum ½ U rack space between assemblies

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