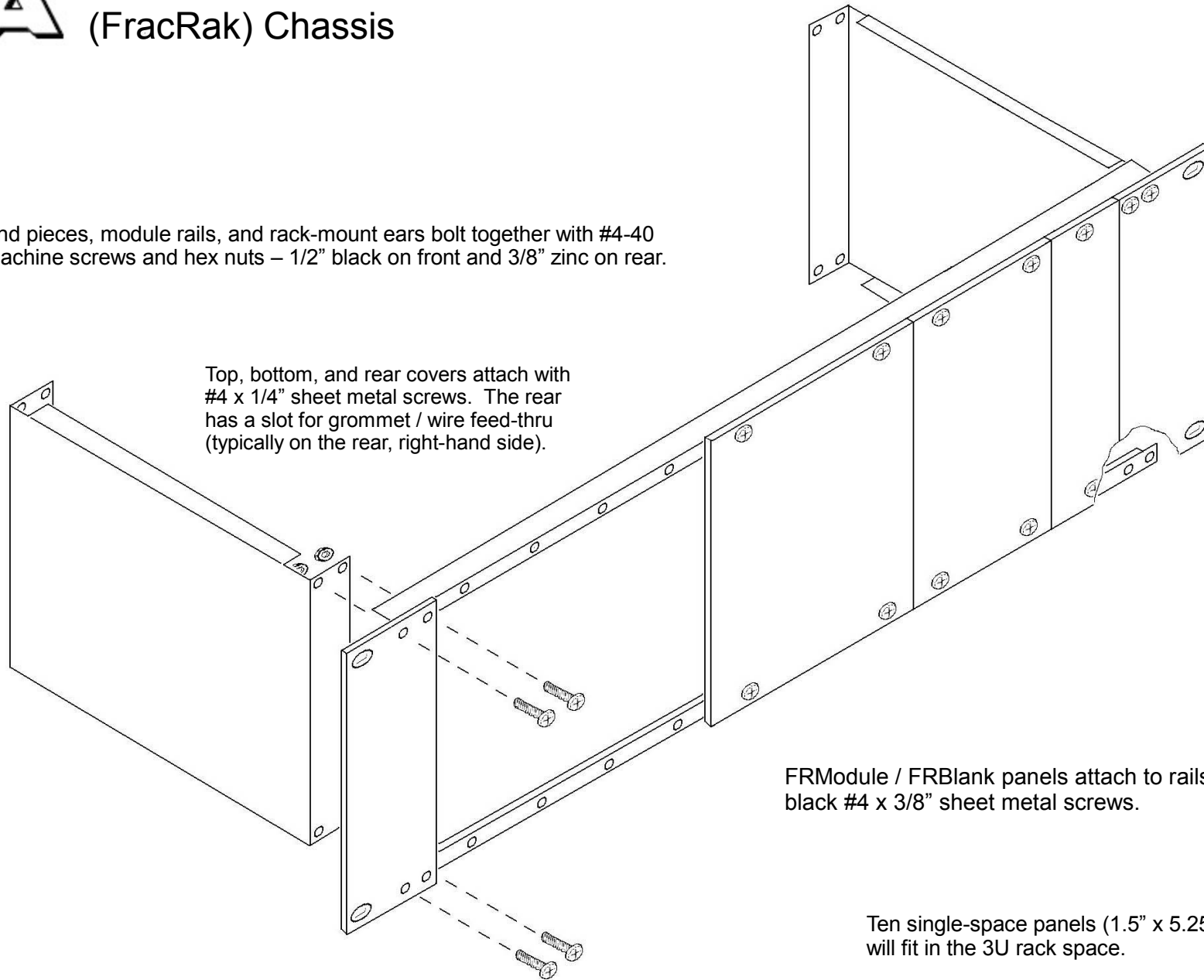




FR7 Fractional Rack (FracRak) Chassis

End pieces, module rails, and rack-mount ears bolt together with #4-40 machine screws and hex nuts – 1/2" black on front and 3/8" zinc on rear.

Top, bottom, and rear covers attach with #4 x 1/4" sheet metal screws. The rear has a slot for grommet / wire feed-thru (typically on the rear, right-hand side).



FRModule / FRBlank panels attach to rails with black #4 x 3/8" sheet metal screws.

Ten single-space panels (1.5" x 5.25") will fit in the 3U rack space.

Note: The end pieces have additional holes which may be used for pots, jacks, or other purposes as desired. Be aware that power connectors can have one terminal common to the chassis and this can be a conflict when bringing in AC power where one wire is used as a neutral, circuit-common/ground. Remove any finish protecting film before assembly. For best alignment, hand-tighten nuts and bolts until all in place, then fully tighten.

FR7 contents:

- 2 End Pieces
 - 2 Rack Mount Ears
 - 4 Mounting Rails
 - 8 4-40 x 1/2" Machine Screws, Black (Front Panel/Rails)
 - 8 4-40 x 3/8" Machine Screws (Rear Rails)
 - 16 #4 Nuts
 - 1 Instruction Sheet (This Document)
 - 2 Aluminum Cover Plates (1 Top and 1 Bottom)
 - 1 Aluminum Back Plate
 - 24 #4 x 1/4" Sheet-metal Screws
 - 1 Grommet, 1/4" (In Back Plate)
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Remove the protective film from the finished side of the rails, covers, and ends as you proceed with assembly.

Single Panel #FRB-1 contents:

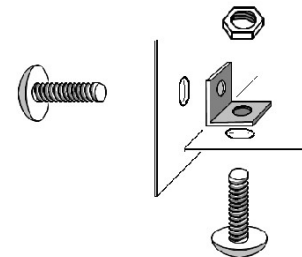
- 1 Single-wide Panel (1.5" x 5.25")
- 2 #4 x 3/8" Sheet-metal Screws, Black (Front Panel)
- 2 #4 'L' Brackets
- 2 4-40 x 1/4" Machine Screws, Black (Front Panel)
- 2 4-40 x 1/4" Machine Screws (Board to L Bracket)
- 2 #4 Nuts (Board to L Bracket)

Double Panel #FRB-2 contents:

- 1 Double-wide Panel (3.0" x 5.25")
- 4 #4 x 3/8" Sheet-metal Screws, Black (Front Panel)
- 2 #4 'L' Brackets
- 2 4-40 x 1/4" Machine Screws, Black (Front Panel)
- 2 4-40 x 1/4" Machine Screws (Board to L Bracket)
- 2 #4 Nuts (Board to L Bracket)

Triple Panel #FRB-3 contents:

- 1 Triple-wide Panel (4.5" x 5.25")
- 4 #4 x 3/8" Sheet-metal Screws, Black (Front Panel)
- 2 #4 'L' Brackets
- 2 4-40 x 1/4" Machine Screws, Black (Front Panel)
- 2 4-40 x 1/4" Machine Screws (Board to L Bracket)
- 2 #4 Nuts (Board to L Bracket)



Use threaded hole of L-Bracket for mounting to FRBlank panel.