

REVIT CONTENT GUIDE

Manufacturer: Legrand | Ortronics
Description: Rear Load High Density Jack Panel Kit for Clarity 6 or 5E Panel Jacks
File: Patch_Panel-Flat-Ortronics-Clarity-Rear_Load.rfa
Type Catalog: Not Applicable
Rendering file: Not Applicable
Schedule file: Schedule - Patch_Panel-Flat-Ortronics-Clarity-Rear_Load.rvt



Constraints		⌵
Host	Level : Level 1	
Elevation	0.000	
Construction		⌵
Panel Jack Color	Panel_Jack-Ortronics-Clarity : Or...	
Graphics		⌵
Has Snap Locations	<input checked="" type="checkbox"/>	
Preloaded Data Jacks are Visible	<input type="checkbox"/>	
Electrical - Loads		⌵
Panel		
Circuit Number		
Identity Data		⌵
Equipment Number		
Comments		
Mark		
Phasing		⌵
Phase Created	New Construction	
Phase Demolished	None	
Electrical - Circuiting		⌵
Electrical Data		
Other		⌵
Schedule Level	Level 1	

Instance Properties

Parameter	Value
Constraints	
Default Elevation	48.000
Materials and Finishes	
Product Material	Aluminum - Ortronics - Anodized
Dimensions	
Width	19.000
Height	3.500
Depth	4.000
Identity Data	
URL	http://www.legrand.us/ortronics.
Provide Feedback	https://www.surveymonkey.com/
Product Documentation Link	http://www.legrand.us/ortronics/
Part Number	OR-PHDPJU72
Part Description	Rear load high density jack panel
Original Creation Date	June 27, 2012
Model Disclaimer	Contact Legrand Ortronics for
Model	OR-PHDPJU72
Manufacturer	Legrand Ortronics
Family Version	1.0.0
Equipment Abbreviation	PP
Description	Rear load high density jack panel
Date Last Modified	June 27, 2012
Copyright	Copyright © Legrand Ortronics
Keynote	
Type Comments	
Assembly Description	
Assembly Code	
Type Mark	
Cost	
OmniClass Number	23.85.50.17.11
OmniClass Title	Computer Network Equipment
Model Properties	
Weight	1.41 lb
Rack Spaces RU	2.000000
Port Count	72
Category Rating	Category 6a

Type Properties



Loading and placing into the Project:

The Clarity Flat Patch Panel Rear Load file is supplied and can be loaded into a Revit project through all traditional methods. There are no supporting files included (i.e. type catalog, look up tables or render library files). The file contains geometry that represents the Ortronics “Clarity Flat Patch Panel Rear Load”. A face based host is required in a Revit project for proper placement or insertion. It is recommended that the family be placed in a Section View (South) and then aligned to a compatible Ortronics Rack Mount System for optimum placement accuracy. The same can be inserted to in a 3D view. When inserting the geometry, turn on (VG) Visibility Graphics on to the geometry; it will be under the category “Data Devices”. There is no model geometry displayed in Plan view in all levels of detail. Masking regions are used in fine detail to improve project performance.

Project Behavior:

This family is intended to be used with compatible components.

Instance Parameters:

In the “Instance Parameters”, the user can control the following options:

- Equipment Number – For tagging each placed instance.
- Has Snap Locations – Toggles on/off snap locations (See note below)
- Has Preloaded Data Jacks Visible – Toggles on/off preloaded data jacks

The Snap Locations toggle will not be available in the properties dialog window, if “Preloaded Data Jacks Visible” is checked then Snap Locations will toggle off, when toggling off “Preloaded Data Jacks Visible” then Snap Locations will toggle on. Another feature contained in the instance dialog window is the option to select different panel jacks with different colors. When selecting the different types of Panel Jacks by color, it will update the Schedule with total count and “Part Number”. Please refer to the “Scheduling and BOM” section.

Type Parameters:

Each type represents a manufactured product. Therefore the type parameters in the “Identity Data” should not be modified. The same contains important basic data related to the types in the family as indicated below:

- Product Documentation Link – Directs a webpage to the products online listing
- Equipment Abbreviation – For tagging each placed type
- Rack Spaces RU – Indicates how many rack mounted accessories the product can hold

The family contains nine (9) types whose values do not need to be modified by the user for standard configuration. These are some of the types contained in this family.

1RU, 24 Ports, Cat 5e

1RU, 24 Ports, Cat 6

2RU, 48 Ports, Cat 5e

2RU, 48 Ports, Cat 6

2RU, 72 Ports, Cat 5e

2RU, 72 Ports, Cat 6

Within the type properties dialogue the user will find useful information for scheduling purposes such as RU Spacing, Unit Weight, Port Count and other unique properties of the family. In “Identity Data” the user will find information specific to the model, i.e.: family revision information, Ortronics copyright information, model description, product URL and other specific data. *See scheduling description below.

**Rendering:**

When the family file is loaded into the project, standard Ortronics materials are imported. These may be modified, though ensure that the modification selection matches an actual manufacturer supplied option.

Scheduling & BOM creation:

Ortronics products may be scheduled utilizing the schedule view in the given project file. Select and copy (**Ctrl-C**) the schedule from the sheet view and paste it (**Ctrl-V**) into a sheet in your project. The schedule filters are set to look for only those units designated with **Manufacturer** as “Legrand I Ortronics” and **Equipment Abbreviation** as “PP” & DJ. The schedules contain special functionality for displaying the configured order numbers of the different selected types.