thinking sound **Meyer Sound**
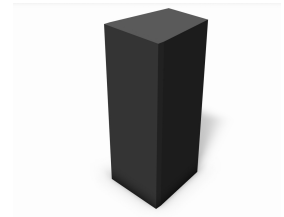
REVIT CONTENT GUIDE

Manufacturer:	Meyer Sound Laboratories Inc.
File:	Loudspeaker-Ultra_Series-Meyer_Sound-UltraCompact-Coverage.rfa
Type Catalog:	Not Applicable
Rendering file:	Not Applicable
Schedule file:	Schedule - Loudspeaker-Ultra_Series-Meyer_Sound-UltraCompact-Coverage.rvt

Instance Properties

Adsk Model Properties	
U Bracket is 3/8"	☑
U Bracket is M10	☐
Construction	
Availability	Available
Has MPK UMS Kit	☐
Has MUB UPM Bracket	☐
Has MUB UPM V Bracket	☐
Has MYA UPM Yoke	☐
Dimension	
Speaker Tilt Angle	0.000°
U Bracket Angle	90.000°
Yoke Angle	22.500°
Graphics	
Reverb Radius	175.000
Show Decorrelation Distance	☐
Show Dispersion Area	☐
Show Half Reverb Radius	☐
Show Reverb Radius	☐
Sound Dispersion Distance	16.000
Identity Data	
Accessory Part Number	No Selection Made
Equipment Number	
Part Description	UltraCompact Narrow Coverage Loudspeaker
Part Number	UMP-2P

Type Properties

The family contains the following 3 types:
    Wide (Values for this type are shown below)
    Narrow
    Wide with External Power Supply

Construction	
External Power Supply Options	None Available

Electrical	
Amperage	0.13 A
Apparent Load	13.65 VA
Impedance	8.000000
Load Classification	Other
Voltage AC	105.00 V
Voltage DC	0.00 V
Dimension	
Depth	7.700
Height	18.000
Width	6.850
Identity Data	
Copyright	Copyright © Meyer Sound Laboratories Inc.
Date Last Modified	5/6/2013
Description	See Part Description
Equipment Abbreviation	AE
Family Version	1.0.0
Manufacturer	Meyer Sound Laboratories Inc.
Model	See Part Number
Original Creation Date	5/6/2013
Product Documentation Link	https://www.meyersound.com/sites/default/files/upm-2p_ds.pdf
Product Page URL	http://www.meyersound.com/products/ultraseries/upm-2p/
Provide Feedback	https://www.surveymonkey.com/s/VSH9P3H
Rigging Guide	http://www.meyersound.com/sites/default/files/upm-1p_oi.pdf
URL	http://www.meyersound.com/
Materials	
Product Material	Plywood - Meyer Sound - Black
Mechanical	
Dynamic Range	110 dB
Frequency Response	85 Hz - 19 kHz ± 4 dB
Operating Frequency Range	80 Hz - 20 kHz
Phase Response	300 Hz - 18 kHz ± 60°
SPL Max	123.000000
Structural	
Weight	21.000 lb

Halftone text in the property tables indicates that the value is locked from editing.

Loading and Placing into the Project:

One "Communication Devices" family is supplied and can be loaded into a Revit project through all traditional methods. The Speaker requires a work-plane host to be placed within the project (i.e. floor, wall, ceiling). Also, ensure that the visibility settings within the project are modified to have the Communication Devices category visible.

Project Behavior:

Within the type and instance properties dialogues, the user will find useful information for scheduling purposes such as Height, Width, Depth and other unique properties of the model. In "Identity Data" the user will find information specific to Meyer Sound Laboratories Inc. and the model, i.e.: family revision information, Meyer Sound Laboratories Inc. copyright information, part description, product URL and other specific data. *See scheduling description below.

Once the speakers are placed the user can then use the instance parameters to change the angles of each of the placed speakers. For more information please reference the Rigging Guide in the type properties. Part numbers for selected rigging hardware can be seen in the Accessory Part Number parameter in the instance properties.

Instance Parameters:

In the "Instance Parameters", the user has the following options to modify:
    Equipment Number – For tagging each placed instance.

Has Snap Locations – Toggles the visibility of the snap location crosshairs.
Has MYA UPM Yoke - For toggling the visibility of the yoke bracket.
Has MPK UMS Kit - For toggling the visibility of the pole mount.
Has MUB UPM Bracket - For toggling the visibility of the U bracket.
Yoke Angle - For inputting the desired speaker angle when used with the yoke bracket.
U Bracket Angle - For inputting the desired speaker angle when used with the U bracket.
Sound Dispersion Distance - For inputting the desired sound dispersion distance.
Show Reverb Radius - For toggling the visibility of the reverb radius.
Show Half Reverb Radius - For toggling the visibility of the half reverb radius.
Show Decorrelation Distance - For toggling the visibility of the decorrelation distance.
Reverb Radius - For inputting the desired reverb radius.

Type Parameters:

Each type represents a manufactured product. Therefore, the type parameters should not be modified by the user for standard configuration. Please note:

Product Documentation Link – Directs a webpage to the products online listing.
Equipment Abbreviation – For filtering schedules. *See scheduling description below.

Visibility:

For best performance, all model geometry is turned off in Plan View and represented through masking regions and symbolic/model lines that update automatically when a user changes types. For maximum usability, all geometry is assigned the category: Communication Devices.

Rendering:

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

Schedule Creation:

Meyer Sound Laboratories Inc. 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 "Meyer Sound Laboratories Inc." and Equipment Abbreviation as "AE". The schedules contain special functionality for displaying the configured order numbers of the different selected types.