

Retractable TX Component User Guide

Version 1.0 | Jan 16



Description

A high quality telescopic platform system, tried and tested by over 1000 venues worldwide. TX is operationally durable enough for the largest arena installation but refined enough for education, arts and conference facility operators. Designed for low maintenance and a long life, TX delivers strong financial benefits to owners and operators.

Features

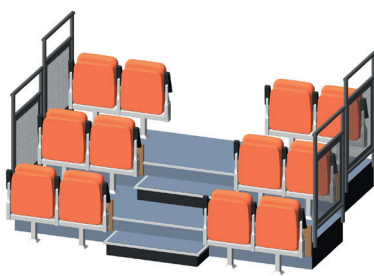
- Architectural levels of finish and refined detailing
- Available with a wide choice of chairs or benches
- Dynamically correct stiff structure with built in automatic gravity and spring assisted row locks
- Smooth, trouble free operation with parallel guidance system
- Cushioned, row to row contact to minimise noise
- Optional power operated opening and closing system with plug-in or wireless controller
- Optional partial opening functionality

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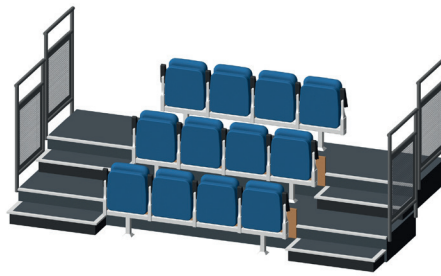
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Available BIM Components

The TX platform range has a set of 9no. BIM components as illustrated below (please note that all components have been created as the fully upholstered range. Additional material options are available. Please contact Audience Systems directly for further information):



Central Aisle



End Aisles

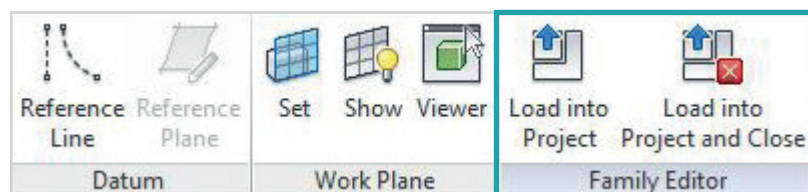


Two Central Aisles

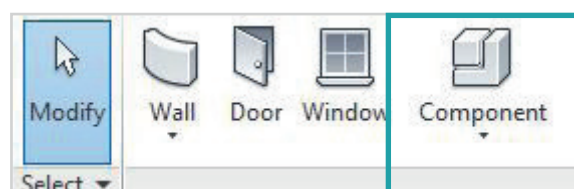
Loading the BIM components in to your project

The Audience Systems components are modelled as furniture families that can be simply loaded in to your project. This can be done using the following method:

1. Open your Revit project file (.rvt) and navigate to the floor plan view.
2. Now open the required component (.rfa). Use the Revit ribbon at the top of the screen to navigate to the 'Family Editor' and click the 'Load into Project' button.



3. The component can now be placed into your project and can also be selected from the 'Components' (CM: keyboard shortcut) drop down on the main Revit ribbon



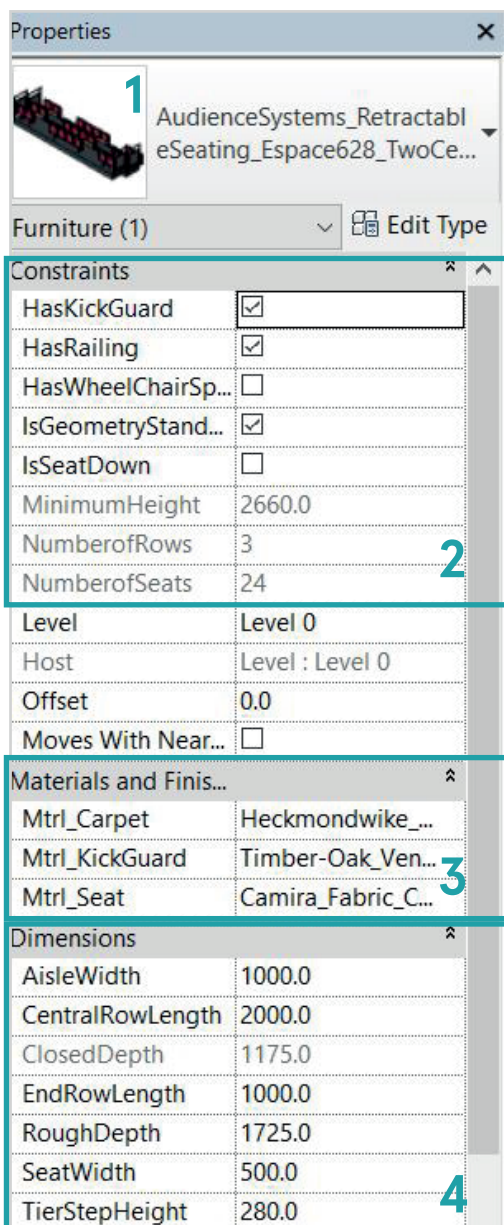
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Using the BIM components in your project

The Audience Systems components have a number of options to assist the user when specifying and placing the BIM component, these include visible geometry, material finishes and overall dimensions;

1. With the component loaded and positioned in your project select the seating. Once selected the 'Properties' dialogue box will appear (typically on the left hand side of the screen).



The screenshot shows the 'Properties' dialogue box with the following sections:

- Constraints:**
 - HasKickGuard: ☒
 - HasRailing: ☒
 - HasWheelChairSp...: ☐
 - IsGeometryStand...: ☒
 - IsSeatDown: ☐
 - MinimumHeight: 2660.0
 - NumberOfRows: 3
 - NumberOfSeats: 24
 - Level: Level 0
 - Host: Level : Level 0
 - Offset: 0.0
 - Moves With Near...: ☐
- Materials and Finis...:**
 - Mtrl_Carpet: Heckmondwike_...
 - Mtrl_KickGuard: Timber-Oak_Ven...
 - Mtrl_Seat: Camira_Fabric_C...
- Dimensions:**
 - AisleWidth: 1000.0
 - CentralRowLength: 2000.0
 - ClosedDepth: 1175.0
 - EndRowLength: 1000.0
 - RoughDepth: 1725.0
 - SeatWidth: 500.0
 - TierStepHeight: 280.0

2. Scroll down the 'Properties' dialogue box until you reach the heading 'Constraints' as illustrated. Here you have a number of selectable features for the [Additional Front Row](#), [KickGuard](#), [Wheelchair space](#), [Railing](#), [Geometry type](#) and is the [SeatDown](#). Tick the selected option and click 'Apply' to activate the changes.

3. Scroll down the 'Properties' dialogue box until you reach the heading 'Materials and Finishes' as illustrated. Here you have a number of material options for the [Carpet](#), [KickGuard](#) and [Seat](#) upholstery. Choose the material from the predefined finishes (or modify to meet Audience Systems material palette) and click 'Apply' to activate the changes.

4. Scroll down the 'Properties' dialogue box until you reach the heading 'Dimensions' as illustrated.

The [CentralRowLength](#) or [EndRowLength](#) will control the spacing requirements for each run of seats.

The [RoughDepth](#) will control the amount of rows.

[RowDepth](#) will control the spacing between rows.

Additional dimensions to allow the end user to change the row rise ([TierStepHeight](#)) height and [SeatWidth](#) are also available. The [AisleWidth](#) is currently locked in relation to the [NumberOfSeats](#).