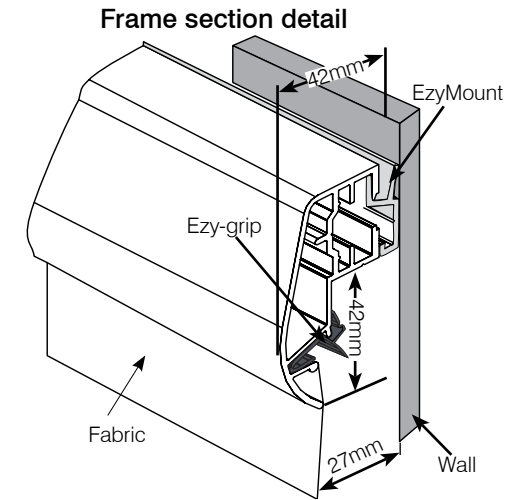
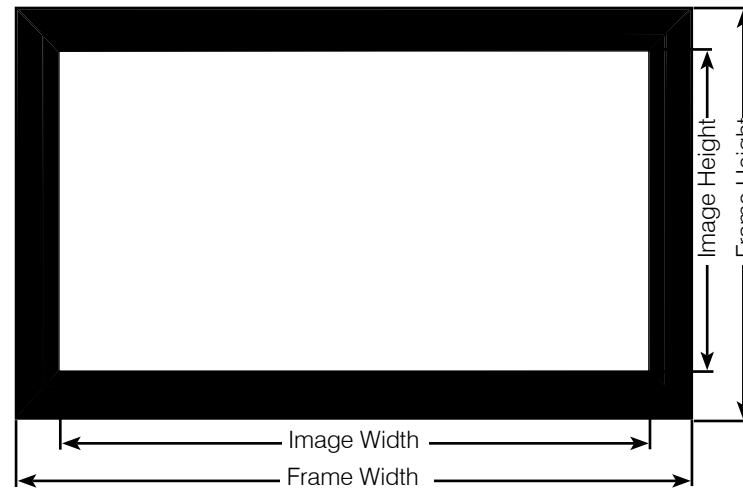


Specifications for LP Morgan Galleria - Plana AT

Features

- Frame – Aluminum extrusions finished with flocked black velour
- Attachment method – Ezy Grip for easy fabric insertion
- Wall Installation uses 1.4meters long Ezy Mount simple Aluminum strip
- Projection surface is Plana AT (see Materials Info Sheet)
- Screens above 3250mm image width are supplied with rear bracing bars
- Custom sizes available
- Screens are delivered fully assembled in a large crate



Code	Diagonal (inches)	Aspect Ratio	Image Size (W x H) mm	Frame Size (W x H) mm	Shipping Size (W x H x D) mm
XGAFB100H	100"	16:9	2210 x 1245	2360 x 1395	2560 x 1595 x 150
XGAFB110H	110"	16:9	2440 x 1370	2590 x 1520	2750 x 1720 x 150
XGAFB120H	120"	16:9	2650 x 1495	2800 x 1645	3000 x 1845 x 150
XGAFB126H	126"	16:9	2790 x 1570	2940 x 1720	3140 x 1920 x 150
XGAFB105CS	105"	2.35:1	2440 x 1040	2590 x 1190	2790 x 1390 x 150
XGAFB113CS	113"	2.35:1	2650 x 1130	2800 x 1280	3000 x 1480 x 150
XGAFB131CS	131"	2.35:1	3050 x 1300	3200 x 1450	3400 x 1650 x 150

Note: Plana AT screens are delivered in a large crate. Please see instruction manual for installation recommendation of your plana AT screen.

Specifications for LP Morgan Galleria - Plana AT



LP Morgan - Plana AT

LP Morgan Plana AT fabric is an innovative solution for maximising the visual and aural experience.

A specially designed woven fabric, it allows for speakers to be placed behind the screen with virtually no loss of sound quality. It gives home theatre designers the freedom to place speakers for optimal full range audio performance. With a massive 800,000 plus openings per square metre, Plana AT sound transmission patterns are similar to high quality speaker grille cloth. And just as importantly, visually there is only 6% light loss. Plana AT the perfect partnership - sound and vision.

Installation Recommendations

Minimum Recommended Size

- The minimum recommended size for a Galleria Plana AT screen is 2160mm wide. The reason for this is to avoid the possible occurrence of the Moiré effect.
- Moiré is a condition that can affect all acoustic transparent fabrics, regardless of manufacturer, woven or perforated. It occurs more frequently with smaller screen sizes, which is why our screen range starts at 2210mm wide.
- Plana AT fabric is a machine woven fabric, with some variation in strands thickness and placement. This inherent feature means there is little regular alignment with the pixel grid of the projector which reduces the incidence of Moiré further.

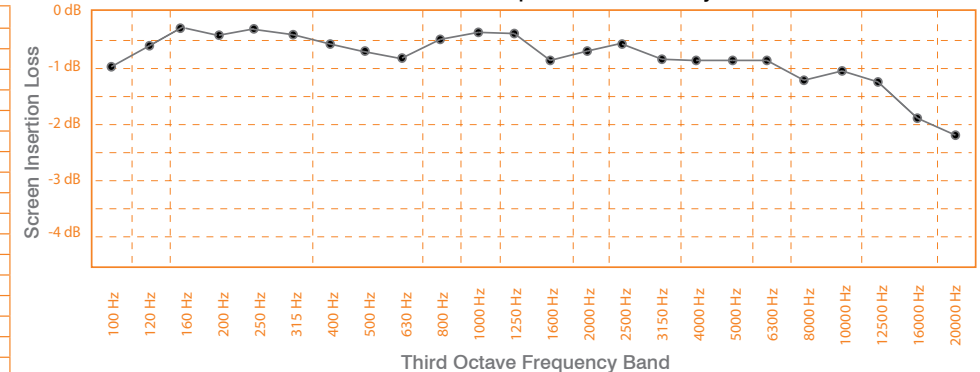
Light Penetration

- All acoustic transparent fabrics have some degree of light penetration.
- We have decided not to offer a second black backing fabric with Plana AT. Our reasoning is that any additional fabric will create additional barriers for sound, and reduce the current stellar acoustic performance of the fabric.
- Our recommendation to our dealers is to always use a dark background behind the screen, using a flat, non-reflective paint. It is preferred the colour match the speakers behind the screen.

Table 2

Band	AT1200	AT Grey
100 Hz	-0.7 dB	-0.9 dB
125 Hz	-0.4 dB	-0.4 dB
160 Hz	0.0 dB	-0.3 dB
200 Hz	-0.2 dB	-0.3 dB
250 Hz	-0.1 dB	-0.3 dB
315 Hz	-0.2 dB	-0.4 dB
400 Hz	-0.4 dB	-0.5 dB
500 Hz	-0.5 dB	-0.6 dB
630 Hz	-0.6 dB	-0.8 dB
800 Hz	-0.3 dB	-0.5 dB
1000 Hz	-0.2 dB	-0.3 dB
1250 Hz	-0.2 dB	-0.2 dB
1600 Hz	-0.7 dB	-0.9 dB
2000 Hz	-0.5 dB	-0.7 dB
2500 Hz	-0.4 dB	-0.5 dB
3150 Hz	-0.6 dB	-0.7 dB
4000 Hz	-0.6 dB	-0.8 dB
5000 Hz	-0.6 dB	-0.7 dB
6300 Hz	-0.6 dB	-0.7 dB
8000 Hz	-1.0 dB	-1.0 dB
10000 Hz	-0.9 dB	-0.9 dB
12500 Hz	-1.0 dB	-1.6 dB
16000 Hz	-1.6 dB	-2.3 dB
20000 Hz	-2.0 dB	-2.8 dB
Max.	-2.0 dB	-2.8 dB
Avg.	-0.6 dB	-0.8 dB

Table 1 - Plana AT Sample Transmissibility Tests



Tables 1 & 2 show the third-octave band insertion loss results in detail from 100 through 20,000 Hz. and summarises the average and maximum screen insertion loss (IL) for each screen sample, as well as the band which the maximum IL occurred. These results are valid for the third-octave bands between 100 and 20,000 Hz.