

Multi Soundbar

Multi-channel Cinema Soundbar

Features:

- Symmetrically Controlled Beamwidth
- Configured as mono or stereo left, centre and right speaker
- Very low distortion
- Very low power consumption
- Wide frequency response 60Hz to 40kHz
- Fast, easy and simple installation
- Suitable for a wide range of application, from HiFi Systems, Home Cinemas, Screening Rooms and smaller commercial applications
- Ultra-slim aesthetically pleasing cabinet design, designed to complement the latest LED and projection screen designs



Multi Soundbar Overview:

This multi-channel cinema sound bar shares many characteristics with the other models in the SL range. Maintaining Artcoustic's clean contemporary design, the Multi Soundbar has been designed to be mounted underneath all modern flat screen monitors.

The Multi Soundbar is perfect for the most demanding of applications. Partner it with an Artcoustic Subwoofer for a truly full range, dynamic performance.

Wired as a single mono configuration, the Multi Soundbar is a highly sensitive speaker and is therefore capable of reproducing very high sound pressure levels from modest (20watt+) amplifiers.

The Multi Soundbar can be installed as a multi channel L, C, R. Speaker or as a single mono centre channel speaker

Components Overview:

High Frequency driver:

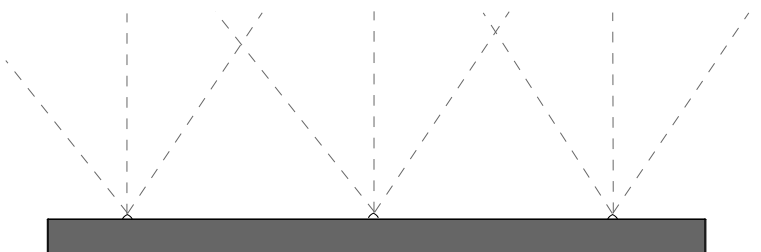
Dual Ring Radiator diaphragm with highly linear suspension and low loss surrounds for high clarity and clean transient response. Copper caps for better HF extension and lower distortion and wave-guide center plug, copper-clad aluwire

Woofer:

Extra long excursion and aluminium Short Circuiting Ring, 4-layer voice coil, anodised aluminium for improved heat dissipation, combined with Distortion Reduced Motor

Crossover:

6 dB/octave low pass and 12 dB/octave high pass filter



Top view, Controlled Directivity:
Symmetric minimum phase driver configuration for optimal polar response

Specification Multi Soundbar 1094 SL

Transducer:

LF-MF 6 x 3 inch cone, Symmetric Phase Aligned
HF 3 x 1 inch Dual Ring Radiator, Symmetric Phase Aligned

Crossover:

Low Pass Filter 6 dB/octave 1000 Hz High Pass
12 dB/octave 4000Hz

Connection:

Single or Bi Amped Gold Plated Push Terminals
Optional multi channel or Mono configuration

Performance:

Operating Range 65 Hz (-3dB) to 40 kHz
Nominal Beamwidth Horizontal 90° Vertical 90°
Axial Sensitivity (whole space SPL) LF/MF-HF (Mono) 97 dB
(Stereo) 87 dB

Input Impedance Nominal Minimum (Mono) 4 ohms (Stereo) 12 ohms
Recommended High Pass Filter =>80 Hz, 24 dB/octave
Maximum Power Handling 80 Watt
Calculated Axial Output Limit (whole space SPL) Average Peak
LF/MF-HF (Mono)109dB (Stereo) 101dB

Weight 9 kg
Dimensions H: 120 W: 1094 D: 67 mm

Finish:

Cabinet: Black, White, RAL, NCS, Tikkurila, Gloss
Screen: Black, White, Pantone

Specification Multi Soundbar 1449 SL

Transducer:

LF-MF 6 x 3 inch cone, Symmetric Phase Aligned
HF 3 x 1 inch Dual Ring Radiator, Symmetric Phase Aligned

Crossover:

Low Pass Filter 6 dB/octave 1000 Hz High Pass
12 dB/octave 4000Hz

Connection:

Single or Bi Amped Gold Plated Push Terminals
Optional multi channel or Mono configuration

Performance:

Operating Range 65 Hz (-3dB) to 40 kHz
Nominal Beamwidth Horizontal 90° Vertical 90°
Axial Sensitivity (whole space SPL) LF/MF-HF (Mono) 97 dB
(Stereo) 87 dB

Input Impedance Nominal Minimum (Mono) 4 ohms (Stereo) 12 ohms
Recommended High Pass Filter =>80 Hz, 24 dB/octave
Maximum Power Handling 80 Watt
Calculated Axial Output Limit (whole space SPL) Average Peak
LF/MF-HF (Mono)109dB (Stereo) 101dB

Weight 10 kg
Dimensions H: 120 W: 1449 D: 67 mm

Finish:

Cabinet: Black, White, RAL, NCS, Tikkurila, Gloss
Screen: Black, White, Pantone

Specification Multi Soundbar 1230 SL

Transducer:

LF-MF 6 x 3 inch cone, Symmetric Phase Aligned
HF 3 x 1 inch Dual Ring Radiator, Symmetric Phase Aligned

Crossover:

Low Pass Filter 6 dB/octave 1000 Hz High Pass
12 dB/octave 4000Hz

Connection:

Single or Bi Amped Gold Plated Push Terminals
Optional multi channel or Mono configuration

Performance:

Operating Range 65 Hz (-3dB) to 40 kHz
Nominal Beamwidth Horizontal 90° Vertical 90°
Axial Sensitivity (whole space SPL) LF/MF-HF (Mono) 97 dB
(Stereo) 87 dB

Input Impedance Nominal Minimum (Mono) 4 ohms (Stereo) 12 ohms
Recommended High Pass Filter =>80 Hz, 24 dB/octave
Maximum Power Handling 80 Watt
Calculated Axial Output Limit (whole space SPL) Average Peak
LF/MF-HF (Mono)109dB (Stereo) 101dB

Weight 9 kg
Dimensions H: 120 W: 1230 D: 67 mm

Finish:

Cabinet: Black, White, RAL, NCS, Tikkurila, Gloss
Screen: Black, White, Pantone

Specification Multi Soundbar 1689 SL

Transducer:

LF-MF 8 x 3 inch cone, Symmetric Phase Aligned
HF 3 x 1 inch Dual Ring Radiator, Symmetric Phase Aligned

Crossover:

Low Pass Filter 6 dB/octave 1000 Hz High Pass
12 dB/octave 4000Hz

Connection:

Single or Bi Amped Gold Plated Push Terminals
Optional multi channel or Mono configuration

Performance:

Operating Range 65 Hz (-3dB) to 40 kHz
Nominal Beamwidth Horizontal 90° Vertical 90°
Axial Sensitivity (whole space SPL) LF/MF-HF (Mono) 97 dB
(Stereo) 87 dB

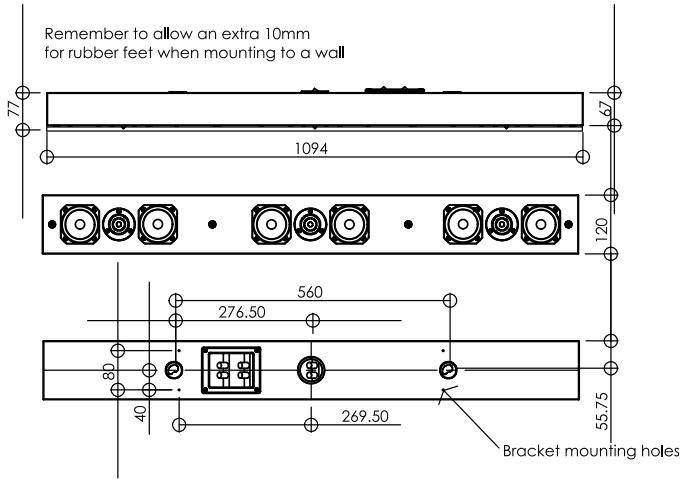
Input Impedance Nominal Minimum (Mono) 4 ohms (Stereo) 12 ohms
Recommended High Pass Filter =>80 Hz, 24 dB/octave
Maximum Power Handling 80 Watt
Calculated Axial Output Limit (whole space SPL) Average Peak
LF/MF-HF (Mono)109dB (Stereo) 101dB

Weight 11 kg
Dimensions H: 120 W: 1689 D: 67 mm

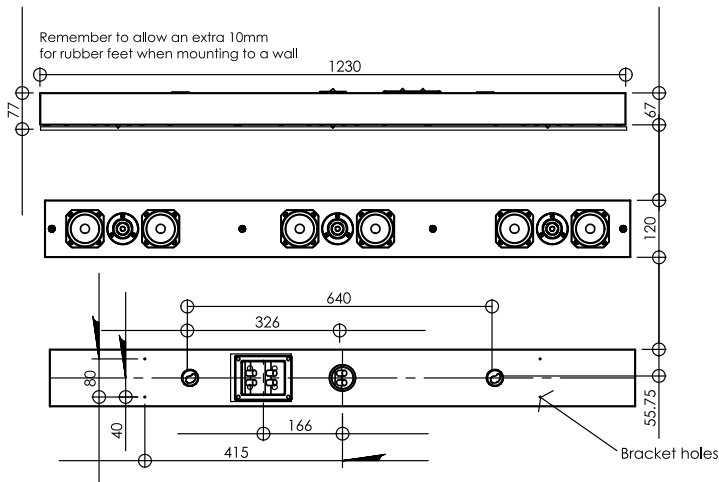
Finish:

Cabinet: Black, White, RAL, NCS, Tikkurila, Gloss
Screen: Black, White, Pantone

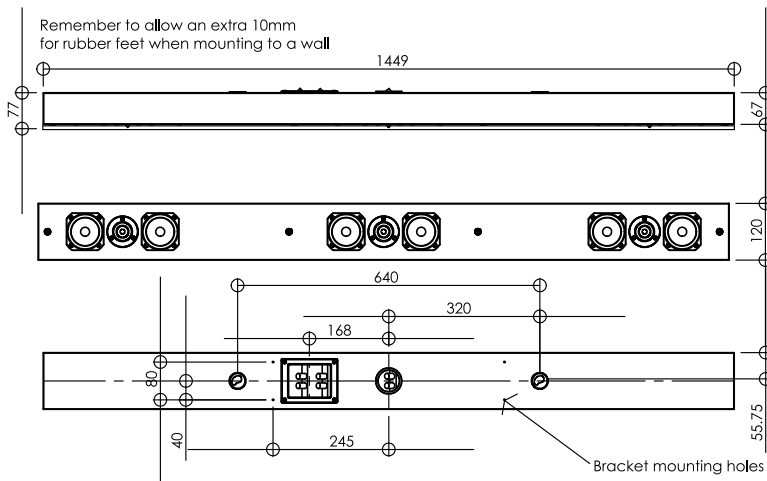
Multi Soundbar 1094 SL



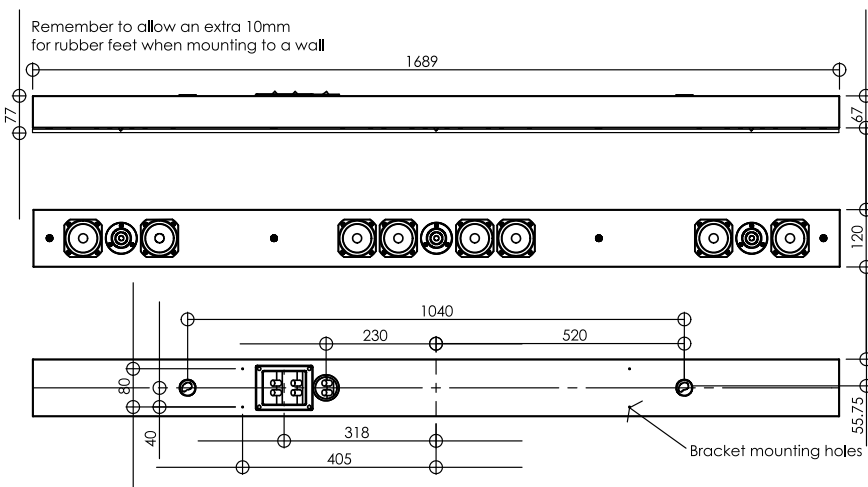
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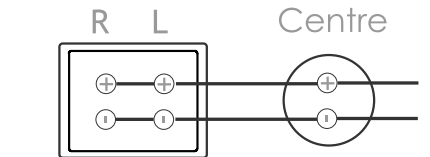
Multi Soundbar 1449 SL



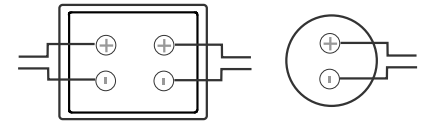
Multi Soundbar 1689 SL



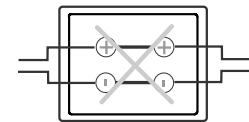
Multi Sound Bar Wiring



Single speaker (Mono) configuration 4 ohms



Multi channel configuration 12 ohms



IMPORTANT!

Remove the channel bridge when wired as a stereo speaker

HSPL Soundbar SL

Multi Soundbar SL high sound pressure level version. This SoundBar version has been specially designed and Engineered for application where very high sound pressure levels are required, matching the larger Artcoustic speaker models, such as the 120-36 SL 180-43 SL

Specification HSPL Soundbar SL

Transducer:

LF-MF 12 x 3 inch cone, Symmetric Phase Aligned
HF 6 x 1 inch Dual Ring Radiator, Symmetric
Phase Aligned

Crossover:

Low Pass Filter 6 dB/octave 1000 Hz High Pass
12 dB/octave 4000Hz

Connection:

Single or Bi - Amped Gold Plated Push Terminals
Optional multi channel or Mono configuration

Performance:

Operating Range 65 Hz (-3dB) to 40 kHz
Nominal Beamwidth Horizontal 90° Vertical 90°
Axial Sensivity (whole space SPL) LF/MF-HF (Mono) 104 dB
(Stereo) 95 dB

Input Impedance Nominal Minimum (Mono) 4 ohms (Stereo) 12 ohms

Recommended High Pass Filter =>80 Hz, 24 dB/octave

Maximum Power Handling 80 Watt

Calculated Axial Output Limit (whole space SPL) Average Peak
LF/MF-HF (Mono) 120dB (Stereo) 112dB

Weight 17 kg

Dimensions H: 120 W: BESPOKE D: 67 mm

Finish:

Cabinet: Black, White, RAL, NCS, Tikkurila, Gloss

Screen: Black, White, Pantone

