



SATO Series Speaker

To heighten the enjoyment of watching movies in premium format cinemas worldwide, GDC Technology collaborated with Hiroyasu Sato, a renowned audio industry professional and Master Craftsman of SATO to develop speakers designed to deliver the highest quality listening experience possible. SATO, the next generation of cinema audio solutions, is brand driven by innovation and expertise in cinema speakers and technology. SATO utilizes unique know-how through years of extensive research and experimentation to create premium sounding speakers in terms of quality and performance to truly put audiences in an immersive moviegoing experience.

SATO. Designed by a Master Craftsman. Driven by Innovation. Developed exclusively for cinema.

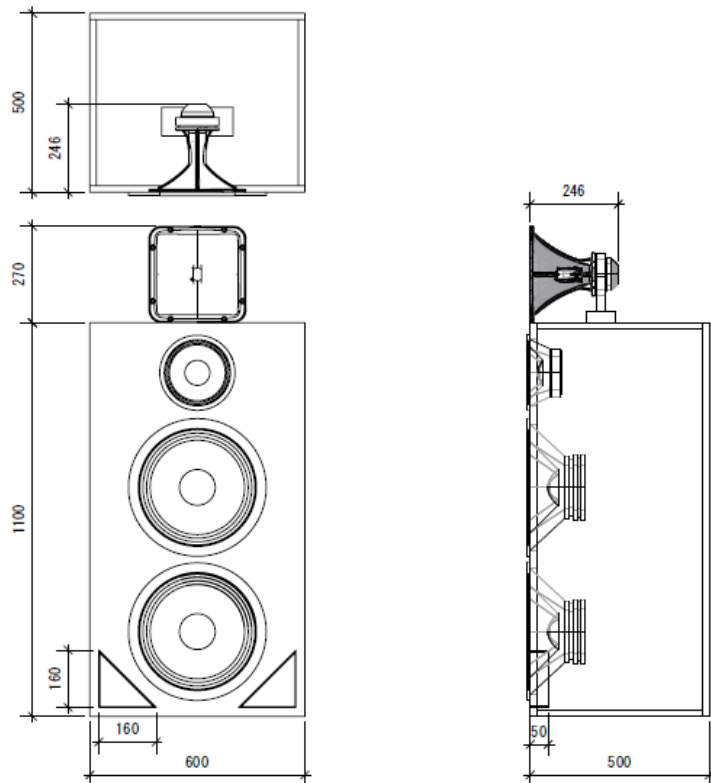
Item	Model Name	Descriptions
1	SC-33215	Three-Way, Tri-Amp Screen Channel System, Dual 15", Max throw 26m
2	SC-32215	Three-Way, Bi-Amp Screen Channel System, Dual 15", Max throw 17m
3	SC-32212	Three-Way, Bi-Amp Screen Channel System, Dual 12", Max throw 12m
4	SB-218	Dual 18" Subwoofer
5	SR-212	Dual Cone 12" Surround Speaker
6	BK-212	Bracket for SR-212



SC-33215

Three-Way, Tri-Amp Screen Channel System (Max Throw Distance 26m)

Dimensions of SC-33215



Key Feature

- The high frequency uses a compression driver that suppresses resonance to the limit.
- Double-layer void coil
- The bass range is determined by the strength of the voice coil and the material of the cone paper.
- Reproduces bass with a powerful response with little distortion.

What is a sealed basket design?

- The sealed basket design eliminates interference in the enclosure, simplifying cabinet design and improving heat dissipation.
- Sound quality is further enhanced by the absence of excess phase interference, resulting in higher definition sound reproduction, better response, and smoother mid-range frequency control.



SC-33215

Technical Specifications

CLASS (Specifications System)	SATO Series
MODEL NUMBER	SC-33215
Model	Three-Way, Tri-Amp Screen Channel System, Dual 15"
MAX THROW DISTANCE	26m (88ft)
DRIVER COMPONENTS	HF: Compression Driver 45mm Diameter voice coil MF: 8inch mm Diameter voice coil LF: 2 x 15inch 76mm Diameter voice coil
Crossover	HF: 2kHz-12kHz MF: 400Hz-2kHz LF: 20Hz-400Hz
Effective Frequency Response	40Hz-19KHz @ -6dB
Calculated Maximum SPL	120dB
Directivity (horizontal x vertical)	90°x60°
sensitivity (1W/1m)	HF: 110dB MF: 104dB LF: 98.5dB
HF: AES / Continuous / Peak	HF 70W (AES) 140W (Con) 280W (Peak)
MF: AES / Continuous / Peak	MF 400W (AES) 800W (Con) 1600W (Peak)
LF: AES / Continuous / Peak	LF 800W (AES) 1600W (Con) 3200W (Peak)
impedance	HF: 8Ω MF: 8Ω LF: 4Ω
Dimensions (HxWxD)	1370 x 600 x 500mm
Net Weight kg (lbs)	59kg (130 lbs.)
Warranty	Limited 1-year warranty

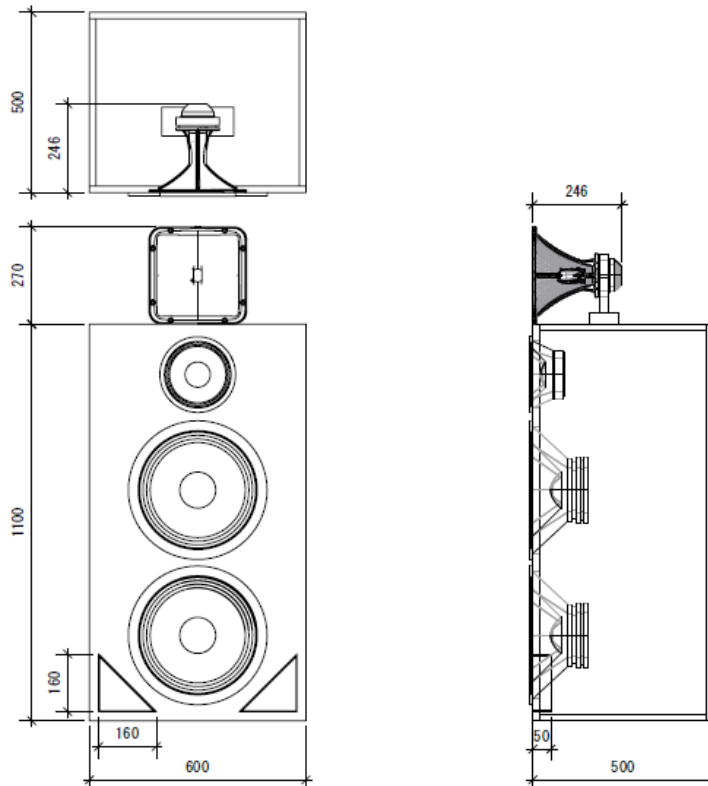


SC-32215

Three-Way, Bi-Amp Screen Channel System, Dual 15" (Max Throw Distance 17m)



Dimensions of SC-32215





SC-32215

Technical Specifications

CLASS (Specifications System)	SATO Series
MODEL NUMBER	SC-32215
Model	Three-Way, Bi-Amp Screen Channel System, Dual 15"
MAX THROW DISTANCE	17m (58ft)
DRIVER COMPONENTS	HF: Compression Driver 45mm Diameter voice coil MF: 8inch 50mm Diameter voice coil LF: 2 x 15inch 76mm Diameter voice coil
Crossover	HF: 2kHz-12kHz MF: 400Hz-2kHz LF: 20Hz-400Hz
Effective Frequency Response	40Hz-19KHz @ -6dB
Calculated Maximum SPL	120dB
Directivity (horizontal x vertical)	90°x 60°
sensitivity (1W/1m)	HF: 110.0dB MF: 95.0dB LF: 101.5dB
HF: AES / Continuous / Peak	HF: 70W (AES) 140W (Con) 280W (Peak)
MF: AES / Continuous / Peak	MF: 200W (AES) 400W (Con) 800W (Peak)
LF: AES / Continuous / Peak	LF: 800W (AES) 1600W (Con) 3200W (Peak)
impedance	HF: 8Ω MF: 8Ω LF: 4Ω
Dimensions (HxWxD)	1370 x 600 x 500mm
Net Weight kg (lbs)	58kg (127.8 lbs.)
Warranty	Limited 1-year warranty

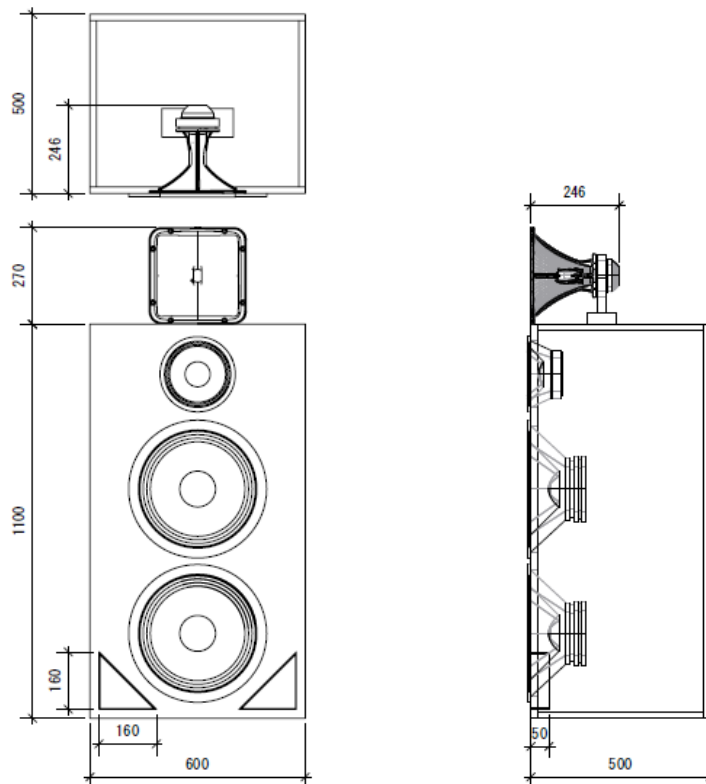


SC-32212

Three-Way, Bi-Amp Screen Channel System, Dual 12" (Max Throw Distance 12m)



Dimensions of SC-32212





SC-32212

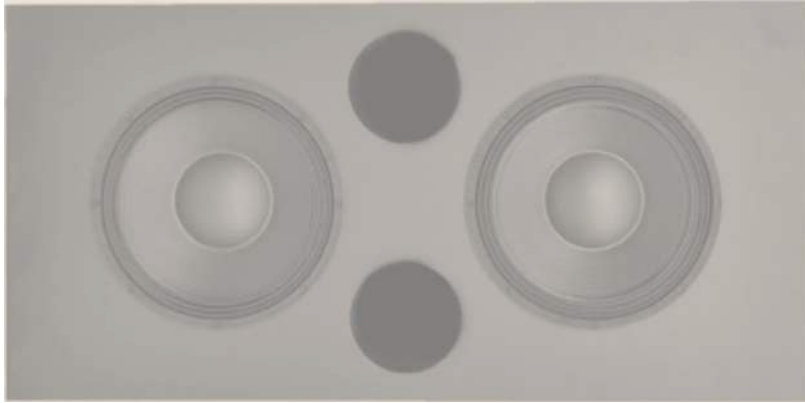
Technical Specifications

CLASS (Specifications System)	SATO Series
MODEL NUMBER	SC-32212
Model	Three-Way, Bi-Amp Screen Channel System, Dual 12"
MAX THROW DISTANCE	12m (41ft)
DRIVER COMPONENTS	HF: Compression Driver 45mm Diameter voice coil MF: 8inch 50mm Diameter voice coil LF: 2 x 12inch 76mm Diameter voice coil
Crossover	HF: 2kHz-12kHz MF: 400Hz-2kHz LF: 20Hz-400Hz
Effective Frequency Response	Frequency response 45-19KHz
Calculated Maximum SPL	Maximum sound pressure level 120dB
Directivity (horizontal x vertical)	Directivity (horizontal x vertical) 90°x60°
sensitivity (1W/1m)	HF 110dB MF 95dB LF 97dB
HF: AES / Continuous / Peak	HF 70W (AES) 140W (Con) 280W (Peak)
MF: AES / Continuous / Peak	MF 280W (AES) 400W (Con) 800W (Peak)
LF: AES / Continuous / Peak	LF 400W (AES) 800W (Con) 1600W (Peak)
impedance	HF: 8Ω MF: 8Ω LF: 4Ω
Dimensions (HxWxD)	1370 x 600 x 500mm
Net Weight kg (lbs)	55kg (121.3 lbs.)
Warranty	Limited 1-year warranty

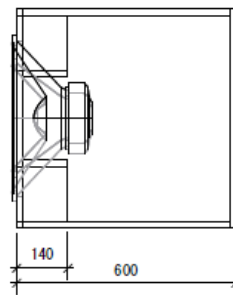
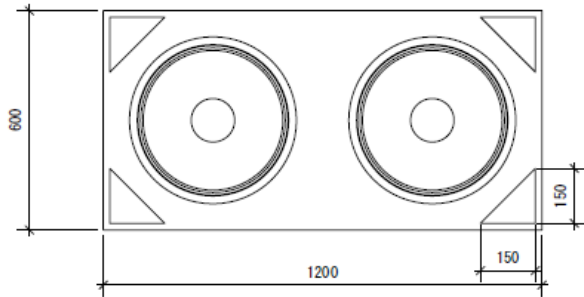
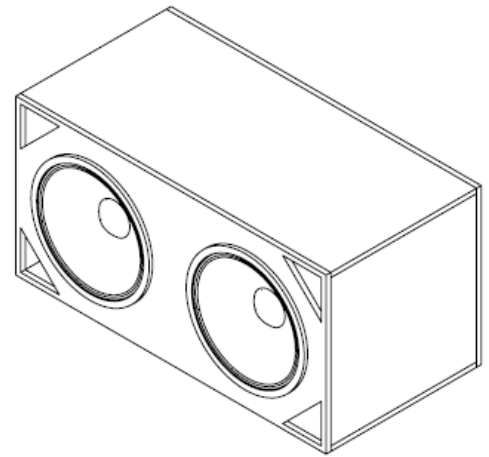
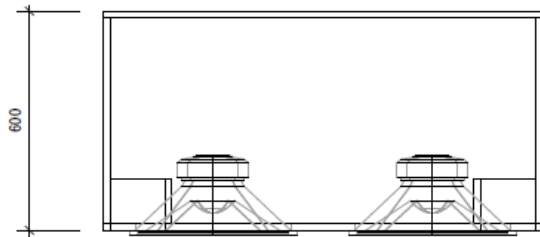


SB-218

Dual 18" Subwoofer



Dimensions of SB-218





SB-218

Technical Specifications

CLASS (Specifications System)	SATO Series
MODEL NUMBER	SB-218
Model	Dual 18" Subwoofer
DRIVER COMPONENTS	2 x 18" low frequency drivers each with dual " 76 mm Diameter voice coil
Crossover	External active electronic bandpass filter is required for proper operations High pass: <Type> 24dB/octave @ 20Hz Low pass: <Type> 24dB/octave @ 250Hz
Effective Frequency Response	30-600Hz
Calculated Maximum SPL	120dB
sensitivity (1W/1m)	100dB
LF: AES / Continuous / Peak	1200 w (AES) 2400w(Con) 3600w(peak)
impedance	4 Ω
Dimensions (HxWxD)	1200 x 600 x 600mm
Net Weight kg (lbs)	63.0kg (88.2 lbs.)
Warranty	Limited 1-year warranty

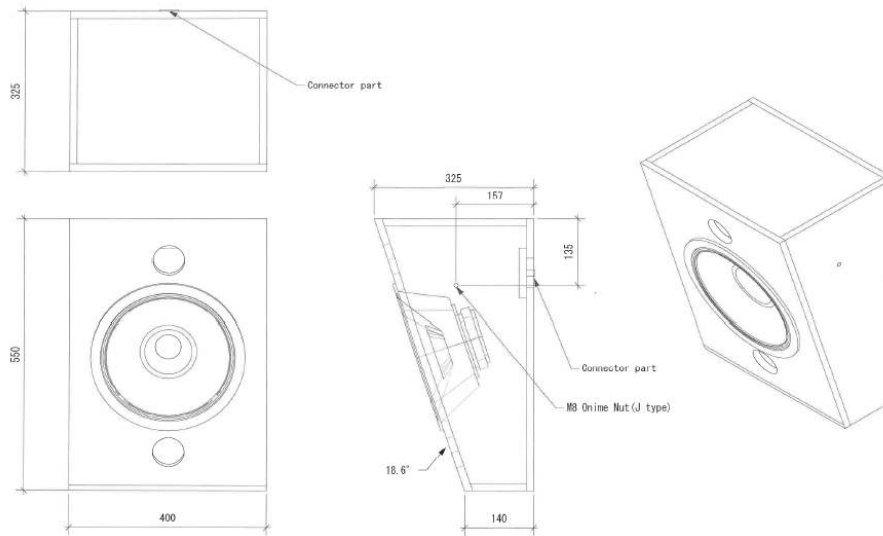


SR-212

Dual Cone 12" Surround Speaker



Dimension of SR-212



Key Feature

The sound that spreads more naturally than before is attractive. The enclosure, which determines the sound quality of the surround speakers, adopts monologue reinforcement processing that controls reverberation and strengthens rigidity. In addition, by using special wiring materials and sound-absorbing materials, we maximized the efficiency of driver movement and reproduced the ideal sound as a surround speaker.

- 12" dual cone
- Natural sound
- Sensitivity 102dB (1m/1W)
- High power input AES 250W
- SPL 132dB
- 15mm thick enclosure



SR-212

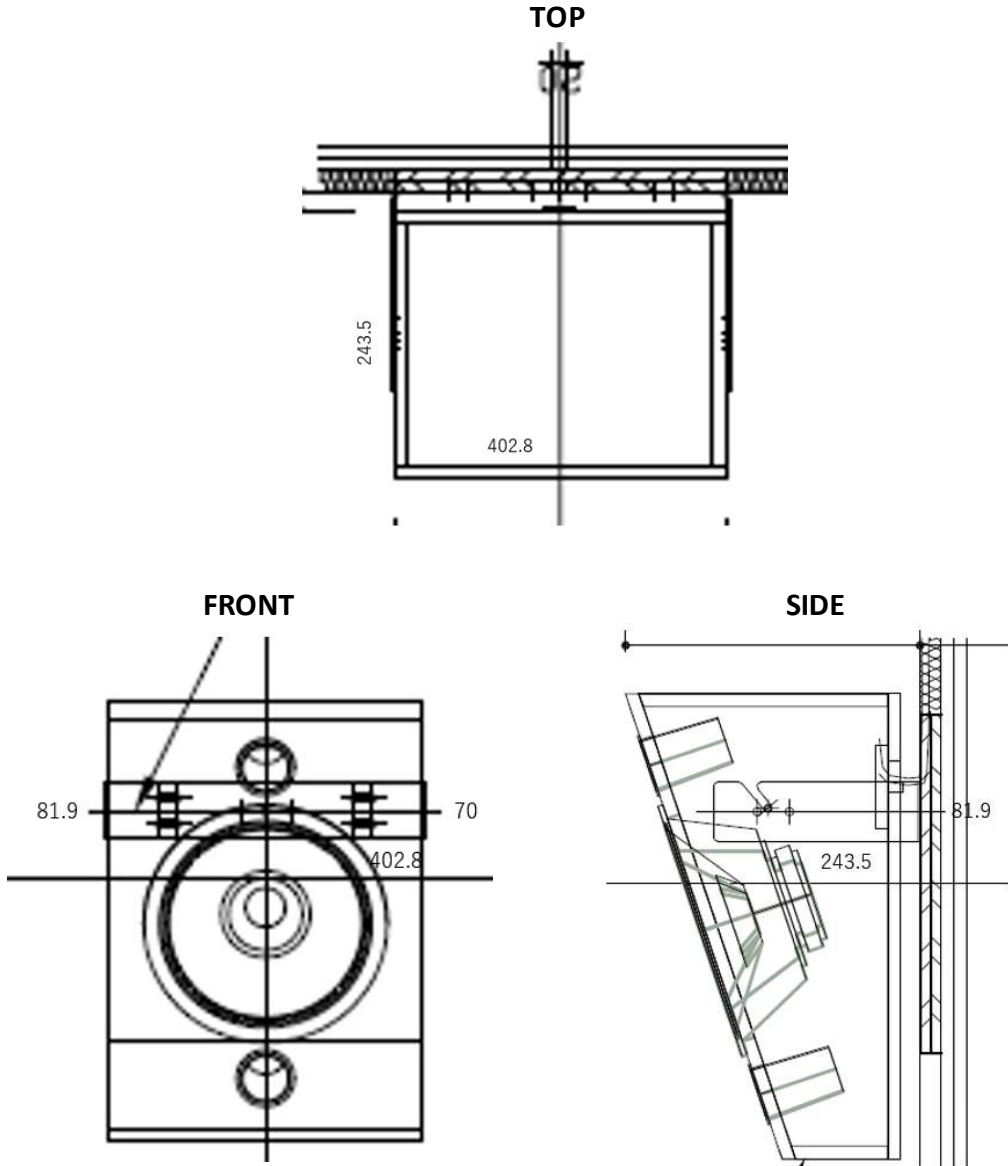
Technical Specifications

CLASS (Specifications System)	SATO Series
MODEL NUMBER	SR-212
Model	Dual Cone 12" Surround Speaker
DRIVER COMPONENTS	Dual cone 12" drivers 52mmDiameter voice coil
Effective Frequency Response	75-19KHz
Calculated Maximum SPL	132dB
Directivity (horizontal x vertical)	80°x60°
sensitivity (1W/1m)	102db
MF: AES / Continuous / Peak	Full Range/Active: 250W (AES) 500W (Con) 1000W (Peak)
impedance	8Ω
Dimensions (HxWxD)	550 x 400 x 325mm
Net Weight kg (lbs)	15.0kg (33 lbs.)
Warranty	Limited 1-year warranty



BK-212

Bracket for SR-212
Dimension of bracket



BK-212

Technical Specifications

CLASS (Specifications System)	SATO Series
MODEL NUMBER	BK-212
Dimensions (HxWxD)	82 x 402 x 244mm
Net Weight kg (lbs)	15.0kg (33 lbs.)