

# SYMPHANY SB SERIES

2007.10

## SOUND SYSTEM REPLACEMENT FOR LCD TV

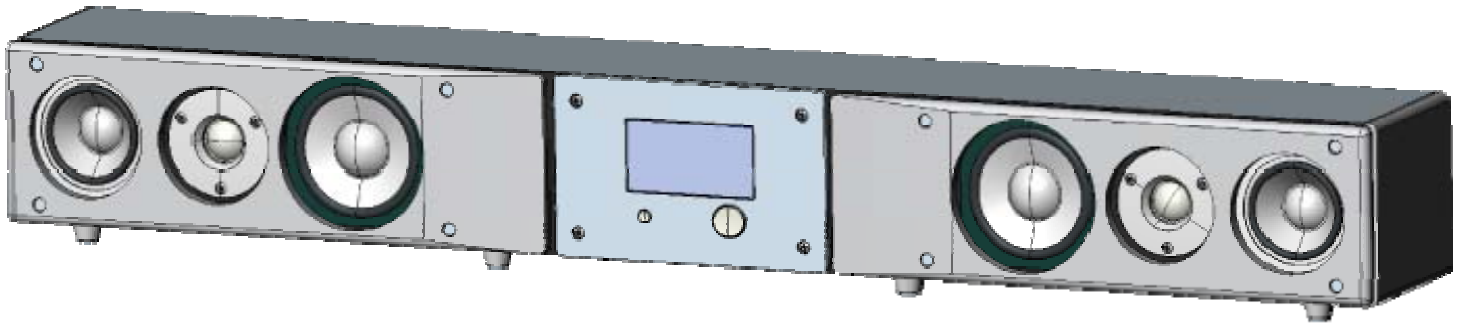
SYMPHANY SB is a unique sound system with integrated left and right speakers with subwoofers designed via BLAST technology for high quality audio. The sound bar is designed to replace LCD TV/Plasma speakers with its slim design.

SYMPHANY SB is compatible with LCD or Plasma flat panel displays, with wall mount options.



# SYMPHANY SB SERIES

HIGH QUALITY SOUND SYSTEM WITH EXCELLENT ACOUSTIC DESIGN

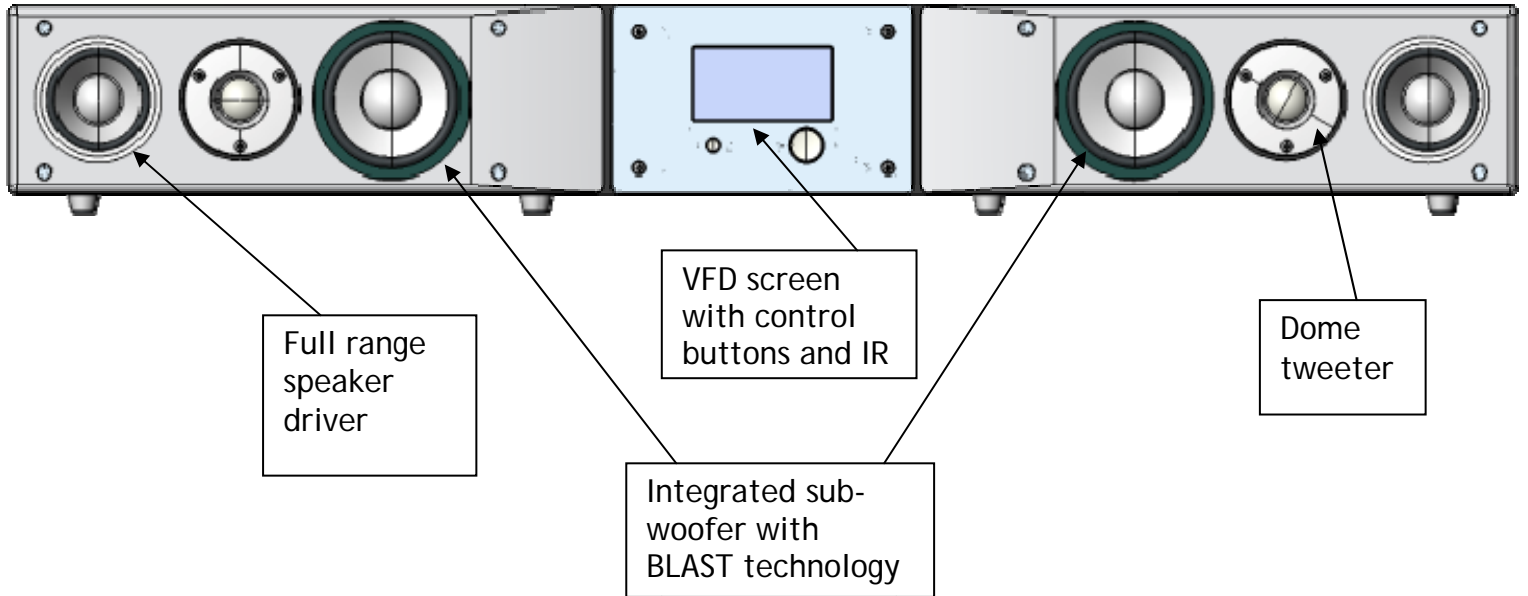


The SYMPHANY SB left and right channel speakers each include a single 3 inch Full range drivers and a 3/4-inch balanced dome tweeter in an internally isolated chamber. Also included in the speaker system is the 50W subwoofer for improved bass response. Each speaker is magnetically shielded to prevent interference with video displays. The 2.1 system features a built in amplifier with standby mode for energy saving.

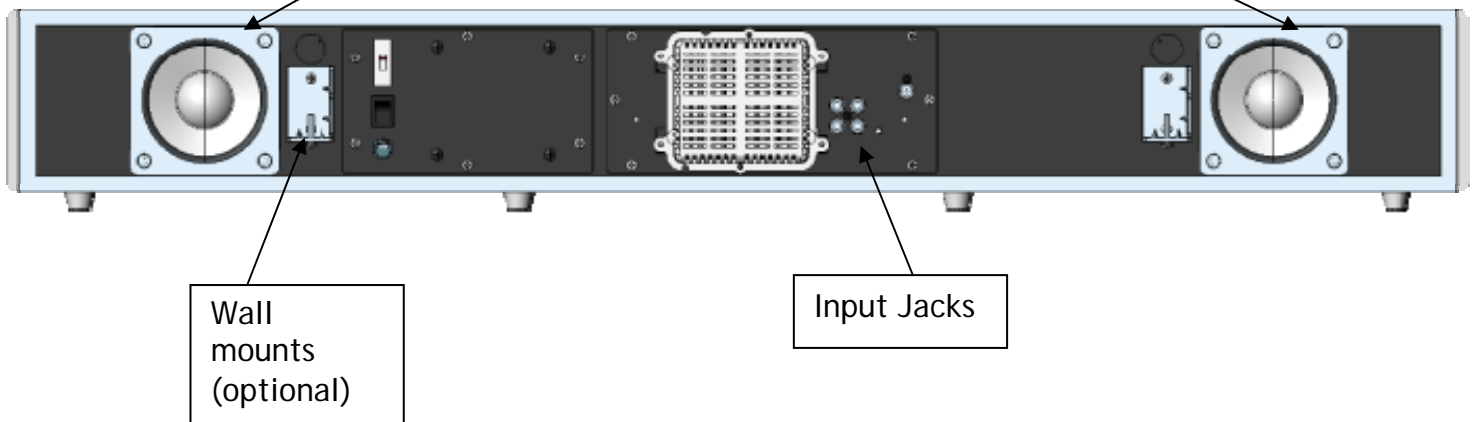
# SYMPHANY SB SERIES

## OUTLOOK DETAILS

### Front View



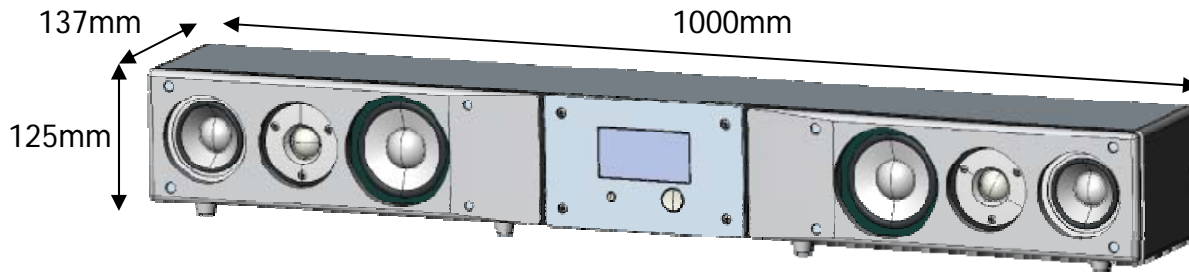
### Back View



# SYMPHANY SB SERIES

## PRODUCT SPECIFICATIONS

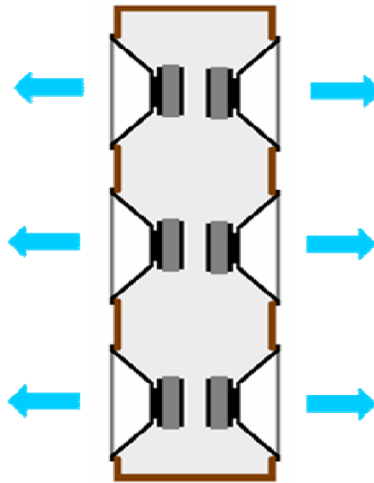
### DIMENSION:



General Performance				
Measuring Condition	Mains regulated to 115/240V ~50/60Hz.			
Using Transformer	All Satellite Channels Loaded with 4 ohms dummy resistor and Subwoofer Channel Loaded with 8 ohms dummy resistor. All input channels with inserted plug and terminated with input source of 600 ohms or less. Signal injected to either Satellite Channels or Subwoofer Channels only. Volume control at max position.			
Performance	Satellite	Subwoofer	Mains regulated to 264-50Hz Satellite      Subwoofer	
Rated Output Power @ THD 10%	2 X 30 W	50 W	N.A	N.A
Input 1 Sensitivity @ THD 10%	TBDmV±15% 860mV	TBDmV±15% 730mV	N.A	N.A
S/N Din Audio (ref. 1 W)	>70dB @ 1kHz	>70dB @ 100Hz	N.A	N.A
Hum & Noise Level	<3.0mV	<5.0mV	N.A	N.A
Channel Separation	>37dB	N.A	N.A	N.A
Channel Balance	<2dB	N.A	N.A	N.A
Crossover Frequency F-3dB	N.A	N.A	N.A	N.A
DBE fc	N.A	N.A	N.A	N.A
Distortion -6dB from Power rated	<0.5%	<0.5%	N.A	N.A
Power Amplifier	Class AB amplifier ZIP power package			
Mains Power Consumption				
Standby			7.5W	
Power ON			14.8W	
(100 Hz) Subwoofer @ 10%			113W	
(1kHz )Satellite @ 10%			96W	
Main 264VAC 50Hz (1/8 Power)			66.6W	

# SYMPHANY SB SERIES

## Blast Technology

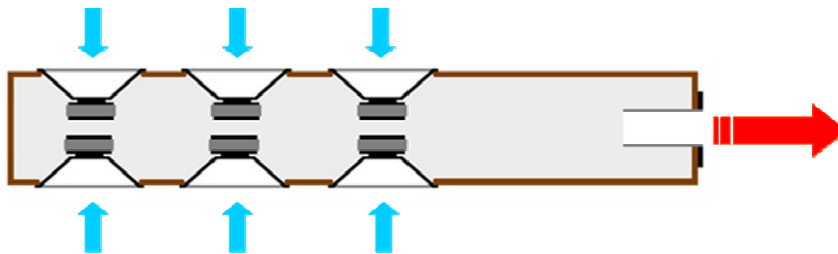


Balanced Line Array Speaker Technology or **BLAST** in short, consists of loudspeakers positioned back to back against each other in a loaded enclosure. Hence it is "balanced" in terms of sound radiation and pressure distribution.

Multiple drivers are configured in "line arrays" to replicate a larger diaphragm which ultimately enhances the low frequency reproduction.

As such, this technology can be applied in speaker systems where size and form factor are of primary concerns.

## Blast Effect



The intense pressure generated by the simultaneous inward movement of multiple drivers will create an extremely high compression of air within the sealed enclosure. By opening a vent at the far end of the chamber, this back pressure is released via this optimally tuned port which produces a high output, high velocity of air known as the *BLAST* effect.

Musically, this translates into extra bass punch. Movie experience is also further enhanced with a deeper, more impactful bass effect.

## Features and Benefits

- Extremely high output possible with addition of more drivers and amplification
- Minimal vibration due to cancellation effect
- Design differentiation due to small size and unique form factor
- Flexibility and easy configuration and integration into any audio system
- Unobtrusive and space saving

# SYMPHANY SB SERIES

## SOUND ENVIRONMENT

