



SLS CPA6600V2/CPA6600V2-I



The CPA6600V2 is a compact, broad-bandwidth line array module designed for small-to-medium rooms that require exceptional performance and accuracy. Utilizing the SLS proprietary high-output HF ribbon transducer technology, this cost-effective system provides system integrators with a high-fidelity, broad-bandwidth, small-format array option.

Due to the high-power handling and low inherent mass of the ribbon diaphragm, the CPA6600V2 reproduces musical content with extended high-frequency response, exceptional transient response, and clarity. The result is openness, responsiveness, and accuracy in live music reproduction, with high levels of system intelligibility.

The CPA6600V2 is a passive two-way system, utilizing a new, high-performance 6.5" transducer with SLS' PRD500 HF ribbon and presenting a nominal 16-Ohm load to the amplifier, which lowers the total cost of the system. The speaker also utilizes the SLS coplanar symmetrical driver arrangement, enhancing horizontal coverage consistency with a new woofer that provides solid low-frequency response to 65Hz, and, when coupled with a subwoofer, provides exceptional broad-bandwidth system performance.

The CPA6600V2 is available in either a portable version with NL4 inputs (CPA6600V2), or an installation "-I" version with barrier-strip inputs. Both versions are available in black (-BK), white (-WH), or paintable (-NA) finishes.

**KEY FEATURES**

- One 6.5" woofer w/ coplanar-mounted PRD500 ribbon HF driver
- Medium-output passive two-way array module in portable or installation "I" models
- 16Ω; minimizes system installation costs
- Max. output: (Continuous/Peak @1m): 115dB/121dB.
- Horizontal dispersion: 90°
- Operating range: 62Hz to 20kHz
- Coverage angles (-6dB; H x V): 90° x 30° (rotatable)

APPLICATIONS

- Developed for a wide range of professional applications where the highest quality is required
- Portable and installed sound reinforcement in ballrooms, performing arts venues, churches, and auditoriums

SPECIFICATIONS: CPA6600V2/CPA6600V2-I

CPA6600V2/CPA6600V2-I Specifications*		
Operating Range¹ (-10dB)	62Hz to 20kHz	
Frequency Response¹ (+/- 3dB)	Line Array Voicing	
Coverage Angle² (-6dB)		
Horizontal	90°	
Vertical ³	Line Array Dependent	
Nominal Impedance		
Passive	16Ω	
Sensitivity⁴	1W@1m	2.83V
Passive	95dB	93dB
Maximum Useable Continuous Output⁵		
Passive	Continuous	Peak⁶
Passive	115dB	121dB
Power Ratings Long Term⁷		
Passive	Continuous	
Passive	100W/31.7V	
Transducers		
LF	6.5" Woofer	
HF	PRD500 5" Ribbon	
Enclosure		
Material	Baltic Birch	
Finish	Black Latex, White Latex or Natural	
Grille	Black- Black, White-White, Natural-Black	
Inputs	NL4 x 2 or Barrier Strip	
Rigging		
Type	Self-contained	
Included Accessories	Locking rigging pins included	
Rigging Frame	Optional - CPA6600RF with billets and pins, Black or White	



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Dimensions		
Height (front)	7.4"	18.8cm
Height (rear)	5"	12.7cm
Width	12.9"	32.8cm
Depth	14.26"	36.2cm
Weight		
Product (net)	19.2lbs	8.71kg
Shipping	29lbs	13kg

1. With recommended processing
2. Averaged between 300Hz and 10kHz
3. For line array modules, overall vertical coverage of an array is configurable by inter-cabinet articulation angles and number of modules used. To configure arrays please use EASE Focus 3 or LASS software. GLL files for line array and line column systems are available upon request for use in EASE Focus 3
4. Measured with swept sine-wave from 300Hz to 10kHz, with recommended processing, in the loudspeaker's far field in an anechoic environment. Data is averaged via a log/log method and extrapolated to 1W@1M (at the loudspeakers rated nominal impedance) and 2.83V @ 1M
5. Measured anechoic SPL in the speakers' far field with recommended processing. Stimulus is 12dB crest factor pink noise. When either any part of the loudspeakers transfer function within its rated bandwidth is reduced in amplitude by 3dB within 1 minute or the long term power handling of the system or transducer is reached (determined via AES2-2012), the non-weighted SPL is measured and extrapolated to 1 meter.
6. Peak SPL calculated as 6dB above measured continuous SPL
7. RMS Voltage determined via AES2-2012. Wattage calculated at minimum impedance of system or transducer

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Specifications are subject to change without notice.



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