



TECHNICAL RIDER (FOH, MIC'S, MONITORS and others) :

PA system:

- 3 ways COMMUNITY® I SERIES point source system (8p. x IP8-1122/96B) + out line + delay line + front fill (20kW: MR + ML + SUB)
- DSP NAW NSP248E 64bit, 4in/8out, 1in AESEBU, USB/Ethernet
- SoundCraft Vi 2000 + stage box 64in/32aux + iPad
- MIDAS M32 + DL32 32in/16aux + iPad
- The PA and Monitor System always be ready and tuned before the band's soundcheck.
- The FOH is placed directly in between the PA System

FOH Inserts & Effects:

- All dynamic devices are wroking with (old school Allen&Heat ML5000) analog console
- KLARK TEKNIK Square ONE x 2pcs. , DBX 1066 x 4pcs. , DBX 166 x 2pcs. ,
- EQ FOH KLARK TEKNIK DN 360
- FX devices : T.C. electronics M-One XL x1, T.C. electronics D-two x1

Monitor System:

- wedges : NAW TM15 x 4pcs. ,
- wedges : Turbosound TXD-12M x 6pcs. ,
- drumfill : 3ways drumfill

Microphones:

- **Wireless Digital System** : 5x Shure QLX-D (instrument, microphones) and wireless bodypack transmitter
- **dynamics** ; 3x Audix D6, 2x Shure Beta 91A, 6x Shure sm57, 1x Shure sm57 Beta, 5x Shure sm58, 2x Shure sm58 Beta, 10 x Sennheiser e604, 2x EV cobalt, 4x Sennheiser e906,
- **condenser** ; 4x DPA 4099, 1x AKG 414 XLS Stereo Set, 1x AKG 214 Stereo Set, 1x AKG 451B Stereo Set, 2x Octava MK-012 Stereo Set, 1x Rode NT5 Stereo Set and others ...
- **D.I. Boxes**: 3 x KLARK TEKNIK DN200 (active stereo) , 2 x PROEL DB2A (active stereo) , 4 x ART Z Direct (passive mono), 4 x Behringer Ultra-DI 20 (active stereo)

Others:

- We have a power sockets on stage: 4pcs. On Right 4pcs on left, 4pcs on front, 4pcs. on drum riser
- Sound and Light are powered from separate sources.
- our sound engineer is available for help you during the sound check and show.



RUDEBOY CLUB / Bielsko-Biała / Poland

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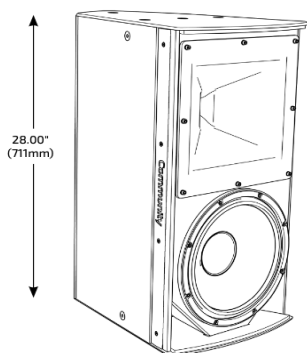
TECHNICAL RIDER (TECHNICAL SPECIFICATIONS) :



I SERIES
Point Source 800

IP8-1122/96

HIGH POWER 12-INCH TWO-WAY
90° x 60° INSTALLATION LOUDSPEAKER



APPLICATIONS

MAIN PA (Small to Medium Size Venues)
Houses of Worship · Auditoriums · Restaurants
Meeting Rooms · Theaters · Corporate A/V Systems

DISTRIBUTED OR FILL (Larger Size Venues)
Arenas · Stadiums · Night Clubs · Theaters
Themed Entertainment · Larger Houses of Worship

DESCRIPTION

I SERIES Point Source 800 loudspeakers provide exemplary acoustic performance, modular flexibility and elegant aesthetics for modern performance venues. Designed to support the goals of systems integrators and consultants both acoustically and mechanically, I SERIES includes a wide variety of arrayable, rotatable coverage patterns and a comprehensive selection of modular bracket systems that accelerate system design and system commissioning.

FEA-optimized linear suspensions, high-flux neodymium motors, and integral demodulation rings ensure precise transducer motion control and very low distortion at high SPL levels. The custom long-excursion LF driver delivers deep bass response and a balanced midrange in the most demanding applications. The HF compression driver's non-metallic diaphragm provides natural, transparent sound quality that accurately reproduces and complements any source.

The rotatable 13-inch (330mm) HF waveguide provides well-defined coverage and a smooth off-axis response that enhances arrayability. Individually voiced crossovers produce proper beamwidth matching transitions and identical sonic signatures throughout the product line, permitting horn patterns to be mixed throughout an installation. Additionally, user selectable single-amp or biamp operating modes expand application flexibility.

FEATURES

- High-flux, linear neodymium motors with demodulation rings for very low distortion
- Exceptional sound quality and clarity at very high output levels
- Lightweight and compact with deep LF extension
- Large rotatable waveguide with individually voiced crossover, single amp / biamp selectable
- Innovative low profile modular bracket systems create elegant arrays with simplified installation

TECHNICAL SPECIFICATIONS¹

Operating Mode	Passive or Biamp with DSP		
Operating Environment	Indoor or Weather-Resistant Outdoor		
Operating Range²	44 Hz to 22.4 kHz		
Nominal Beamwidth (H x V)	90° x 60°, rotatable waveguide		
Transducers	LF 1 x 12" (305mm) neodymium driver, 3" (76mm) voice coil, demodulation ring HF 1 x 1.4" (36mm) exit compression, 2.6" (66mm) voice coil, demodulation ring, ketone polymer diaphragm, neodymium compression driver		
Continuous Power Handling³ @ Nominal Impedance	Passive* LF HF	80V 69V 25V	800W @ 8 ohms (3200W peak) 600W @ 8 ohms (2400W peak) 80W @ 8 ohms (320W peak)
Nominal Sensitivity⁴	Passive LF HF	@ 1W 94 dB 95 dB 105 dB	@ 2.83V 94 dB 95 dB 105 dB
Nominal Maximum SPL⁵ (Whole Space)	Passive LF HF	Peak 129 dB 129 dB 130 dB	Continuous 123 dB 123 dB 124 dB
Equalized Sensitivity⁶	System	@ 1W 93 dB	@ 2.83V 93 dB
Equalized Maximum SPL⁷	System	Peak 128 dB	Continuous 122 dB
Recommended Amplifiers	Passive LF HF	800W - 1600W @ 8 ohms, (80V - 113V) 600W - 1200W @ 8 ohms, (69V - 98V) 80W - 160W @ 8 ohms (25V - 36V)	

PHYSICAL

Input Connection	(2) Screw terminal blocks (6-position)
Mounting Points	(15) M10 threaded rigging points
Environmental	Outdoor: IP55W per IEC 60529, MIL-STD-810G
Weight	55 lbs (24.9 kg) loudspeaker only
Dimensions H x W x D	28.00" x 14.50" x 17.70" (711 x 368 x 450 mm)
Finish	Refer to the Technical Drawing

OPTIONS

Accessories (Refer to BalancePoint™ Flyware Accessory Guide for complete listing)	Rigging kits include: BFR22 : BalancePoint™ Fly Rails; IUB1122 : U-Bracket; IVY1122 : Vertical Yoke; IAF40/IAF55 : Isometric Array Frames; VAB-BFR3B : Sub Above Vert Array; HAB-BFR3B : Sub/Dual 2-Way Horiz Array; HSB/VSB : Multiple Splay Brackets for Horiz/Vert Arrays with/without Sub Behind options; DPS : Downfill Splay Kit; DVS-BFR22 : Dual Vert Splay Kit with BalancePoint™ Fly Rails; TPK : Tight Pack Kit; IUB1122WRG : Reinforced 30455 U-Bracket (Grey)
Configure-to-Order (CTO)	Custom color; Custom cable lengths on outdoor version

*Rated continuous maximum input voltage at passive loudspeaker input may be higher than for directly connected transducers due to losses in the passive crossover. Voltages applied to the transducer terminals through the passive crossover shall always be the same or lower than the rated continuous voltage for each device.

Community strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.



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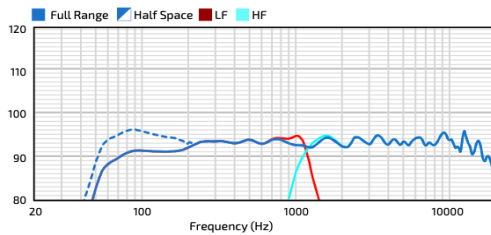
I SERIES Point Source 800

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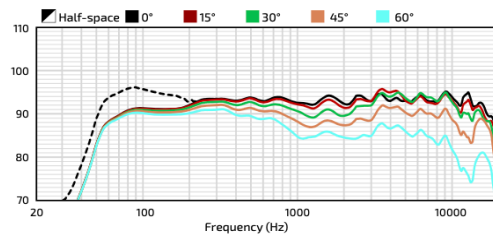
HIGH POWER 12-INCH TWO-WAY
90° x 60° INSTALLATION LOUDSPEAKER

Community®

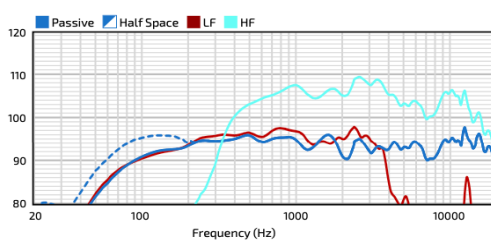
AXIAL PROCESSED RESPONSE (dB)⁸



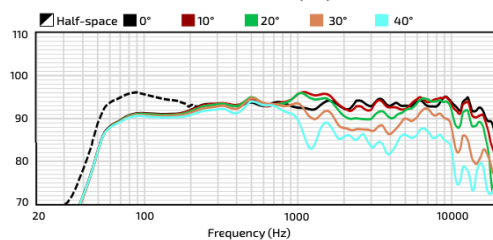
HORIZONTAL OFF-AXIS RESPONSE (dB)¹⁰



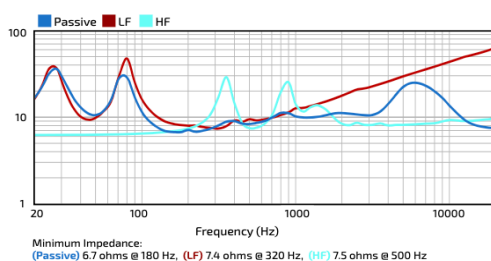
AXIAL SENSITIVITY (dB SPL)⁹



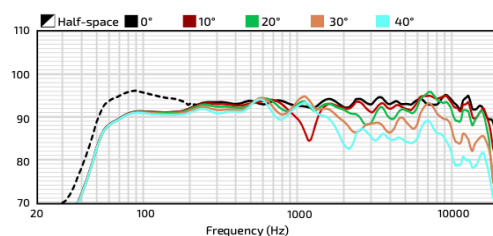
VERTICAL OFF-AXIS UP RESPONSE (dB)¹⁰



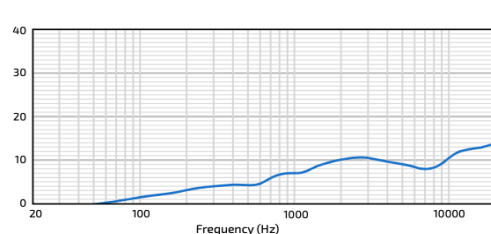
IMPEDANCE (Ohms)



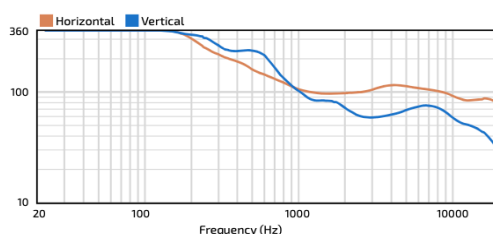
VERTICAL OFF-AXIS DOWN RESPONSE (dB)¹⁰



DIRECTIVITY INDEX (dB)¹¹



BEAMWIDTH (Degrees)¹²



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