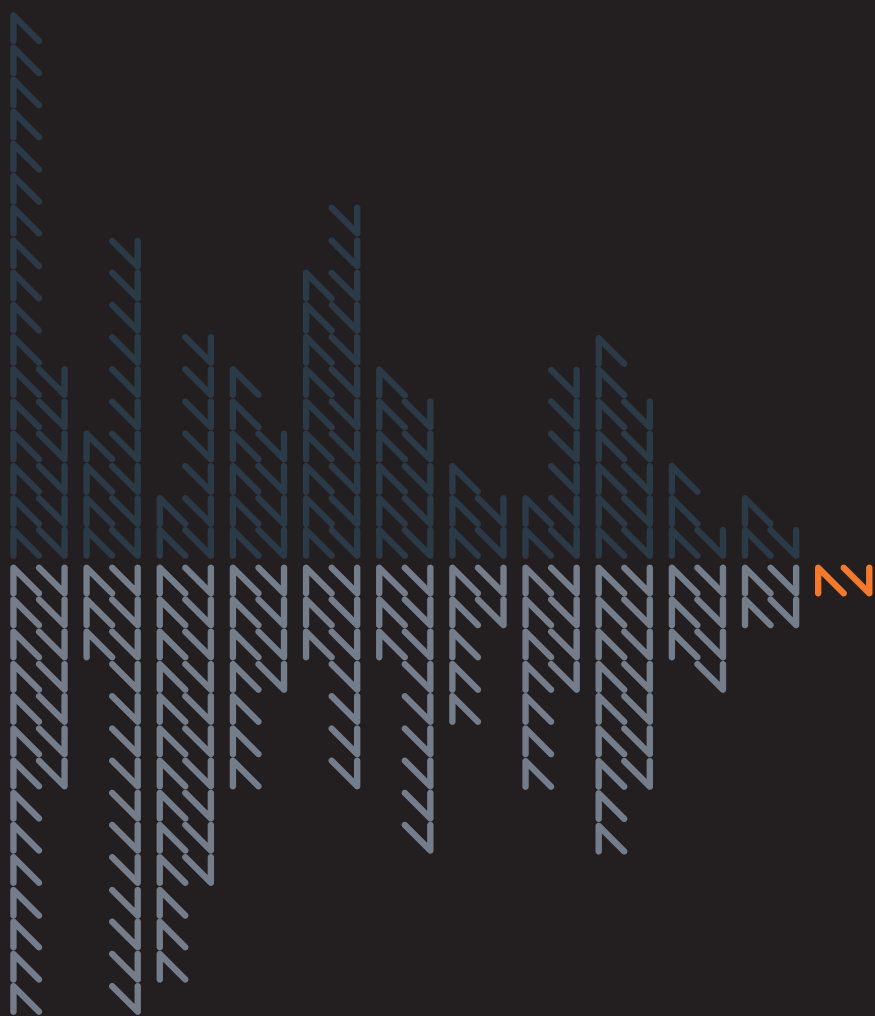
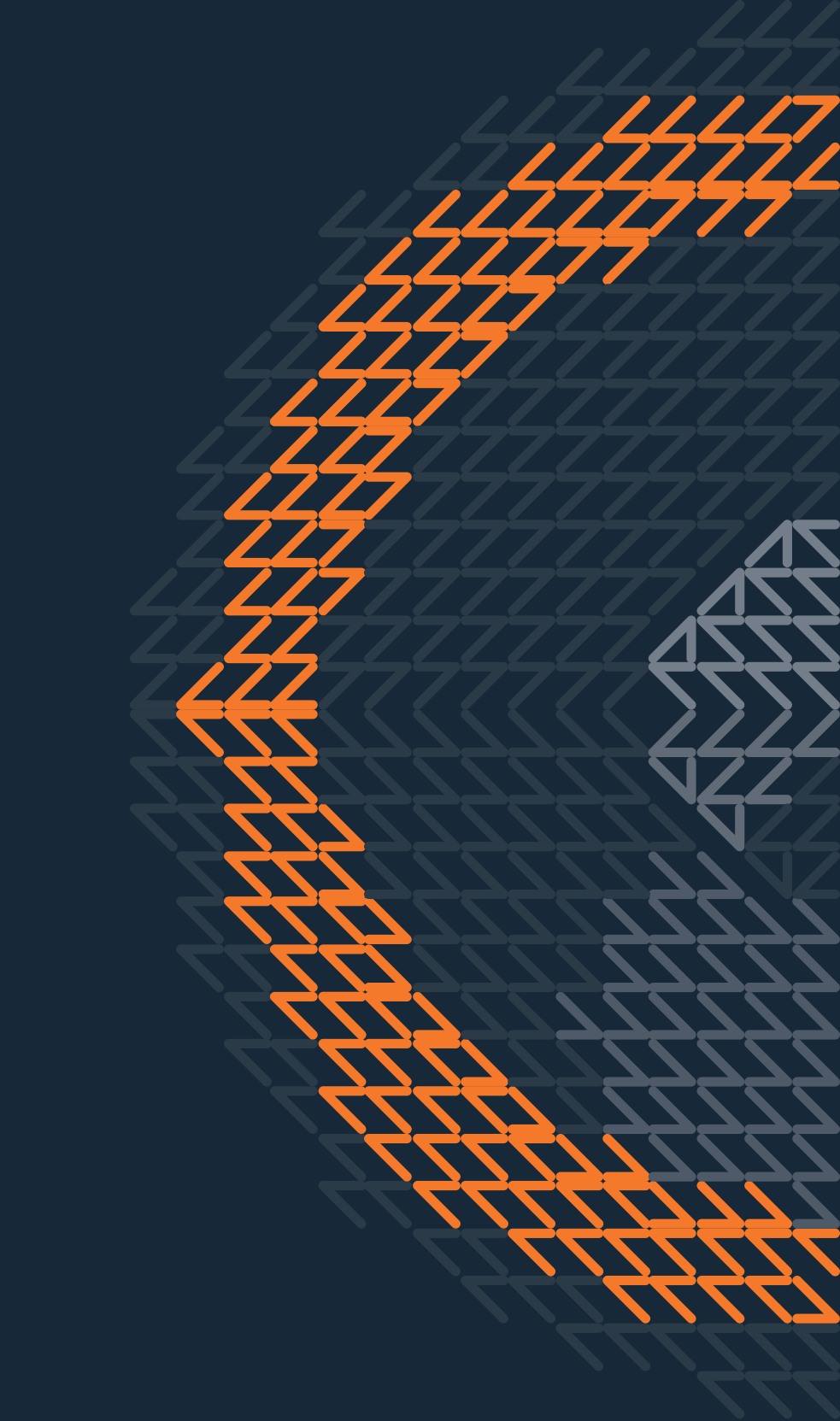








THE TRUTH OF SOUND

Born in 1991, **Norton Audio®** have a simple and obsessive mission:

Grant products to advanced users, that they want the best and know the pleasure of working with top quality tools only.

Norton Audio® products are conceived in a way that sound **professionals feel free to express their energy talent and creativity**, providing their audiences with a **supreme acoustical experience**.

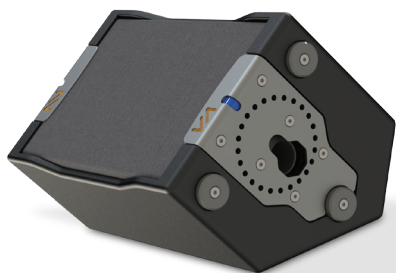
With a wide and flexible range of sound systems, **Norton Audio®** exports to almost all countries of Europe, Asia, Africa and South America.

In parallel, **Norton Audio®** has developed and manufactured under specification, OEM sound equipment for some of the largest international sound companies.

Norton Audio® is a European company that develops high end audio gear for the production of large scale events and fixed installations.

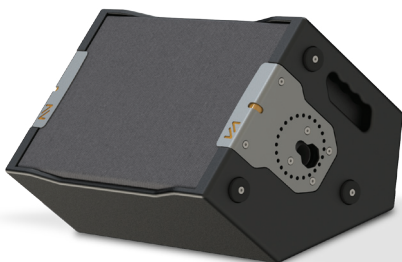
NE2

MULTI-PROPOSE TOP SPEAKER



NE12

MULTI-PROPOSE TOP SPEAKER







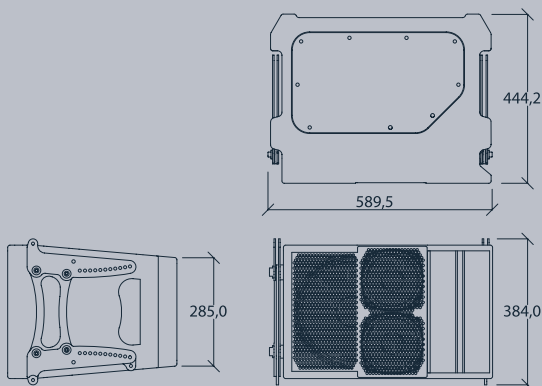
The ALS1 is at the peak of the practical limits of a modern state of the art loud speaker. By simply avoiding any mid-frequency horns, the ALS1 is just the most compact line source element presently available in its category.

The ALS1 ultra-efficient mid frequency drivers, do not have any back or front chamber volumetric frames. They directly profile the bass loudspeaker front band-pass cavity, allowing competent thermal freshening for themselves and an overall ultra-compact and extremely powerful packing that fills all the expectations about how a Line-Source should sound.

ALS1 is an active 3 way system with an operating frequency bandwidth from 60Hz to 20KHz. This response is lowered down to 28Hz with the addition of the SB118 or SB221 Subwoofers.

ALS1 features one 12" driver in a band-pass tuned enclosure, two 6.5" back-sealed standalone medium drivers and two 1" ring-compression drivers coupled to our patented (Elliptic Plane Progression isophasic Coupler) (Eppic®) waveguide for HF reproduction.

The ALS1 comes complete with transport racks, rigging hardware, power and control electronics.



COMPONENTS

ALS1



SB118



SB221



CF10



Usable Bandwidth (- 10 dB): 60 Hz - 20 kHz
Nominal Directivity (- 6 dB): 100° Horizontal
- Symmetric
Maximum Continuous SPL: 130 dB
Power Handling: 1200 W

Components:

- LF: 1 x 12" weather-resistant 8 ohm
- MF: 2 x 6,5" weather-resistant 16 ohm
- HF: 2 x 1" HF Ring-Compression Driver
2 x 16 ohm

Rigging: Angles from 0° to 10° in 1° linear step increment

Physical Data:

- Width: 589,5 mm
- Height: 384 mm
- Depth: 444,2 mm
- Weight: 31 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 8 Pin Speakon





The LS2 element is a very compact and extremely powerful high output speaker that exceeds all the expectations about what a Line-Source should sound.

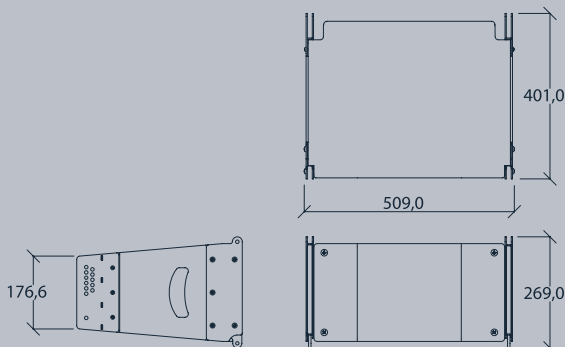
It is an active 2-way system with a operating frequency bandwidth from 85Hz to 20Khz. This response is lowered down to 28Hz with the addition of the SB118 Subwoofers.

LS2 features Two 8" drivers in a bass-reflex tuned enclosure and a 1.5" compression driver coupled to our patented (Elliptic

Plane Progression isophasic Coupler) (Eppic®) waveguide for HF reproduction.

The coplanar transducer configuration generates a symmetrical horizontal coverage of 100° without secondary lobes over the entire frequency range. The 4-point rigging system is fully integrated into the LS2 cabinet allowing up to 24 elements to be flown in accordance with manufacture's recommendations.

The LS2 comes pre-wired, complete with rigging hardware, power and control electronics and delivered in road cases.





COMPONENTS

LS-2



SB118



CF10



Usable Bandwidth (- 10 dB): 85 Hz – 20 KHz
 Nominal Directivity (- 6 dB): 100° Horizontal
 - Symmetric
 Maximum Continuous SPL: 128 dB
 Power Handling: 650 W

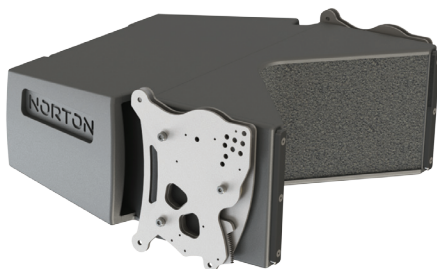
Components:

- LF: 2 x 8" weather-resistant 2 x 16 ohm
- HF: 1 x 1,5" HF compression driver 16 ohm

Rigging: Angles from 0° to 10° in 1° linear step increment

Physical Data:

- Width: 509 mm
- Height: 269 mm
- Depth: 401 mm
- Weight: 25 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 4 Pin Speakon



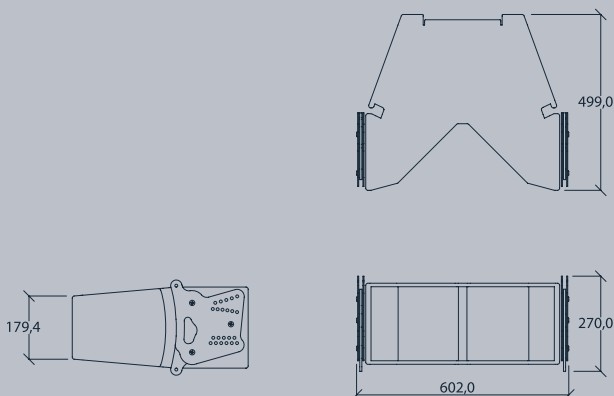
Exhibiting excellent amplitude and phase behavior, the LS3 Line-Source-Array element is one of the most linear in the industry while offering the simplicity of setup and operation provided by the accurate and straightforward mono-block rigging system in a very compact size.

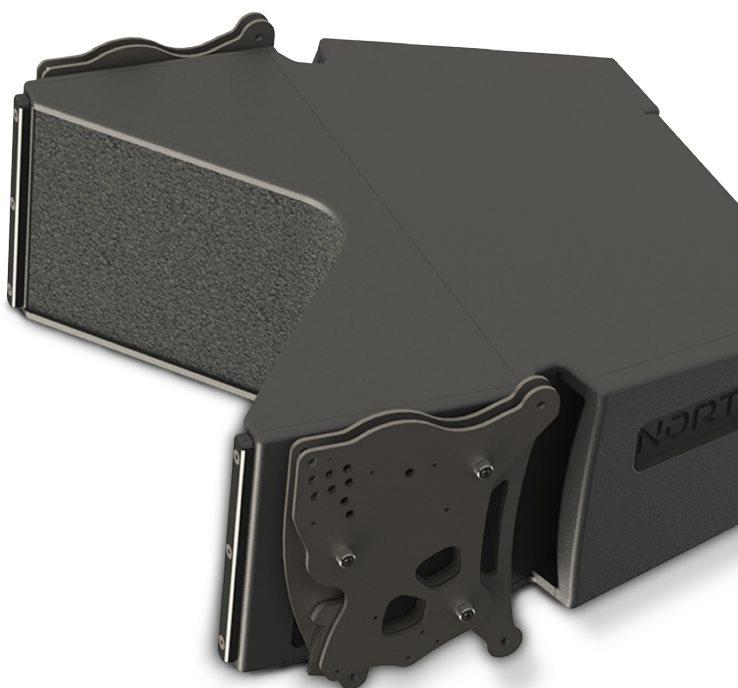
The LS3 is an active 2-way system with an operating frequency bandwidth from 60Hz to 20KHz and this response is lowered down to 28Hz with the addition of the SB118 Subwoofers.

LS3 features two 8" drivers in a bass-reflex tuned enclosure and a 1.5" compression driver coupled to our patented (Elliptic Plane Progression isophasic Coupler) (Eppic®) waveguide for superior performance HF reproduction.

The two front coplanar V-shaped transducers allow a great potential dynamic range, while aiding the HF waveguide to deliver a symmetric horizontal coverage of 90° without secondary lobes over the entire frequency range.

The LS3 comes pre-wired, complete with rigging hardware, power and control electronics and delivered in road cases.





COMPONENTS

LS-3



SB118



CF10



Usable Bandwidth (- 10 dB): 60 Hz - 20 kHz
 Nominal Directivity (- 6 dB): 90° Horizontal
 - Symmetric
 Maximum Continuous SPL: 128 dB
 Power Handling: 650 W RMS

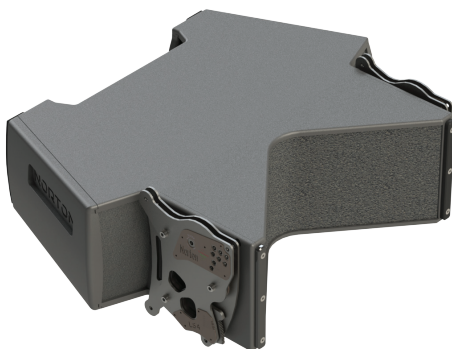
Components:

- LF: 2 x 8" weather-resistant 2 x 16 ohm
- HF: 1 x 1,5" HF compression driver 16 ohm

Rigging: Angles from 0° to 10° in linear step increment

Physical Data:

- Width: 602 mm
- Height: 270 mm
- Depth: 499 mm
- Weight: 26 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 4 Pin Speakon

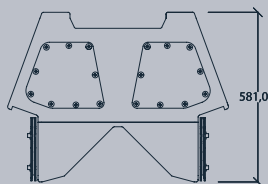


The LS4 element is a very compact and extremely powerful high-output speaker that exceeds all the expectations about how a Line-Source system should sound.

It is an active 4-way system with a operating frequency bandwidth from 60Hz to 20Khz. This response is lowered down to 28Hz with the addition of the SB118 or SB221 Subwoofers. LS4 features four 8" drivers in a bass-reflex tuned enclosure and a 1.5" compression driver coupled to our patented (Elliptic Plane Progression isophasic Coupler) (Eppic®) waveguide for HF reproduction.

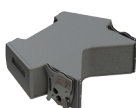
The 8" drivers are powered in a way that all four are actually working in parallel at Low frequencies, providing the surface area equivalent to a 15" loudspeaker. At the Mid frequencies however, only the two front coplanar V-shaped transducers are working, aiding the HF waveguide to deliver a symmetric horizontal coverage of 100° without secondary lobes over the entire frequency range.

The LS4 comes pre-wired, complete with rigging hardware, power and control electronics and delivered in road cases.



COMPONENTS

LS-L



SB118



SB221



CF10



Usable Bandwidth (- 10 dB): 60 Hz - 20 kHz
Nominal Directivity (- 6 dB): 100° Horizontal
- Symmetric
Maximum Continuous SPL: 130 dB
Power Handling: 1300 W RMS

Components:

- LF: 4/4 x 8" (All 4 working) weather-resistance 2 x 16 ohm
- MF: 2/4 x 8" (Only front V-shaping weather-resistance 2 x 16 ohm
- HF: 1 x 1,5" HF compression driver 16 ohm

Rigging: Angles from 0° to 5° in 0,25° linear step increment

Physical Data:

- Width: 756 mm
- Height: 270 mm
- Depth: 581 mm
- Weight: 36 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 8 Pin Speakon

NEW RELEASE



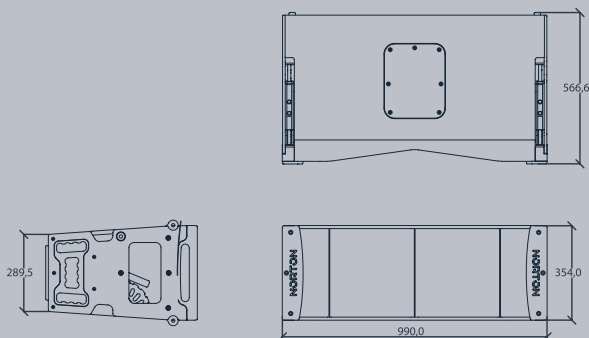
The LS6 element is a very compact and extremely powerful high output module that exceeds all the expectations of how a Line-Source should sound.

It is an 4-way system with a operating frequency bandwidth from 40Hz to 20Khz. This response is lowered down to 28Hz with the addition of the SB221 Subwoofers.

LS6 features Two 12" drivers in a bandpass tuned enclosure, four 6,5" back-sealed stand alone medium drivers and two 1.4" compression driver coupled to our

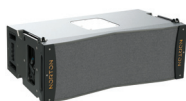
patented (Elliptic Plane Progression isophasic Coupler) (Eppic®) waveguide for HF reproduction. The coplanar transducer configuration generates a symmetric horizontal coverage of 120° without secondary lobes over the entire frequency range. The 4-point rigging system is fully integrated into the LS6 cabinet allowing up to 24 elements to be flown in accordance with manufacturers recommendations.

The LS6 comes pre-wired, complete with rigging hardware, power and control electronics and delivered in road cases.



COMPONENTS

LS-6



SB221



CF10



Usable Bandwidth (- 10 dB): 40 Hz - 20 KHz
Nominal Directivity (- 6 dB): 120°
Horizontal - symmetric
SPL 1W/1m LF: 103 dB
SPL 1W/1m MF: 106 dB
SPL 1W/1m HF: 112 dB
Maximum Continuous SPL: 130 dB
Power Handling: 3450 W RMS

Components:

- LF: 2 x 12" weather-resistance 8 ohm
- MF: 4 x 6,5" weather-resistance 8 ohm
- HF: 2 x 1,4" compression driver coax.16 ohm

Rigging: angles from 0° to 8° in 1° linear step increment

Physical Data:

- Width: 990 mm
- Height: 375 mm
- Depth: 570 mm
- Weight: 81 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 8 Pin Speakon

NEW RELEASE



The LS9 element is an over extended and extremely powerful high output module that exceeds all the expectations of how a Line-Source should sound.

It is an 4-way system with a operating frequency bandwidth from 32Hz to 20Khz. This response is lowered down to 28Hz with the addition of the SB221 Subwoofers.

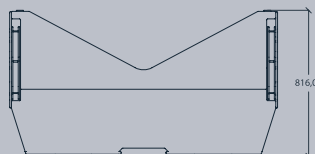
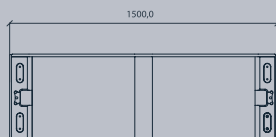
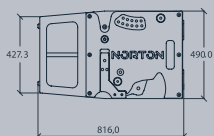
LS9 features Two 18" LF drivers in a bandpass tuned enclosure, four 8" back sealed stand alone medium drivers and three 1.5" compression driver coupled to

our patented (Elliptic Plane Progression isophasic Coupler) (Eppic®) waveguide for HF reproduction. The coplanar transducer configuration generates a symmetric horizontal coverage of 100° without secondary lobes over the entire frequency range. The 4-point rigging system is fully integrated into the LS9 cabinet allowing up to 24 elements to be flown in accordance with manufacturers recommendations.

The LS9 comes pre-wired, complete with rigging hardware, power and control electronics and delivered in road Bags.

EPPIC®

ELLIPTICAL PLANE PROGRESSION ISOPHASIC COUPLER





COMPONENTS

LS-9



SB221



CF10



Usable Bandwidth (- 10 dB): 32 Hz - 20 KHz
 Nominal Directivity (- 6 dB): 100° Horizontal
 SPL 1W/1m LF: 101 dB
 SPL 1W/1m MF: 104 dB
 SPL 1W/1m HF: 112 dB
 Maximum Continuous SPL: 130 dB
 Power Handling: 3500 W RMS

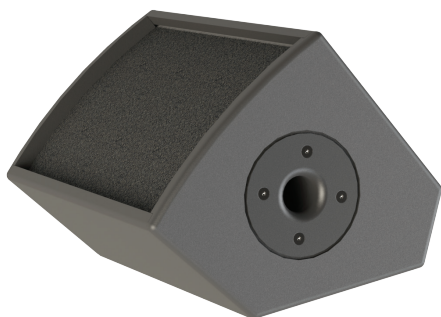
Components:

- LF: 2 x 18" weather-resistance 8 ohm
- MF: 4 x 8" weather-resistance 8 ohm
- HF: 3 x 1,5" compression driver 16 ohm

Rigging: angles from 0° to 10° in 1° linear step increment

Physical Data:

- Width: 1500 mm
- Height: 490 mm
- Depth: 816 mm
- Weight: 145,5 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 8 Pin Speakon



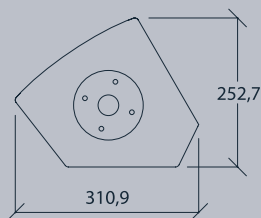
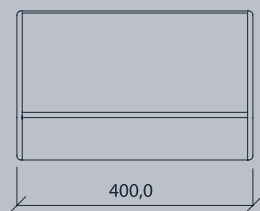
With optimal vocal intelligibility and exceptionally regular response in frequency and time, NF8 is a stand-alone plug and play Coaxial two way passive speaker with single Point-Source acoustic radiation in a very compact and low profile footprint.

Containing a 1.5" silk-diaphragm driver coaxially loaded by an 8" low frequency loudspeaker in a bass-reflex tuned enclosure, the NF8 has a high fidelity and high output element that delivers incredible SPL from such a small enclosure.

The high-frequency driver is a remarkable device that incorporates the latest and most innovative technologies, achieving a size so compact that allows it to be assembled at the exact 8" loudspeaker acoustic origin.

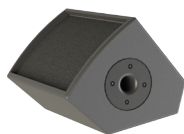
The NF8 loudspeaker, due to its small size, is also recommended in all situations where it is mandatory for a visually non-obstructive sound reinforcement system.

The NF8 is the perfect option for where great sound quality and little space occupancy is required.



COMPONENTS

NF8



SB112



Usable Bandwidth (- 10 dB): 85 Hz – 20 KHz
Nominal Directivity (- 6 dB): 90° Conical
SPL 1W/1m: 94 dB
Maximum Continuous SPL: 118 dB
Power: 300 W

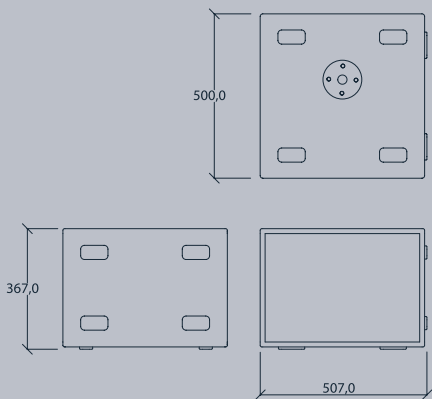
Components:

- LF: 1 x 8" Weather-resistant 8 ohm
- HF: 1 x 1,5" HF Silk-diaphragm driver 8 ohm

Rigging: 6 points M6 T Nuts 1 Top hat

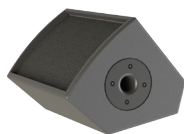
Physical Data:

- Width: 400 mm
- Height: 252,7 mm
- Depth: 310,9 mm
- Weight: 10 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 4 Pin Speakon



COMPONENTS

NF8



SB112



Usable Bandwidth (- 10 dB): 32 Hz – 240 KHz
Maximum Continuous SPL: 125 dB
Power: 600 W RMS

Components:

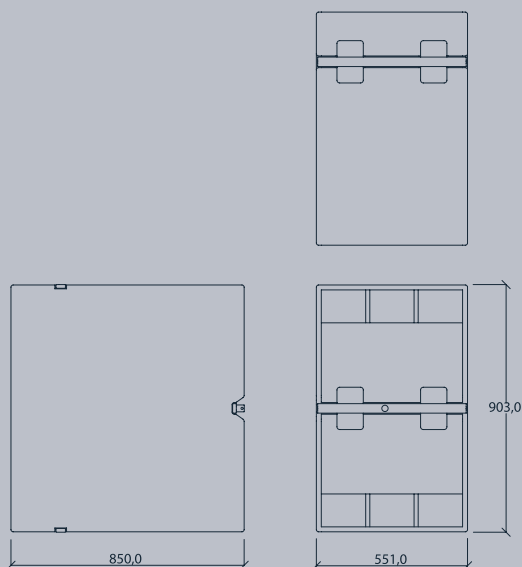
- LF: 1 x 12" Weather-resistant - 8 ohm

Physical Data:

- Width: 507 mm
- Height: 367 mm
- Depth: 500 mm
- Weight: 26 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 4 Pin Speakon

The SB118 is a bass subwoofer speaker with an operating range of down to 28Hz. The SB118 contains a single 18" LF Transducer integrated into a dual bass-reflex with bandpass tuned enclosure.

The combined properties contribute to the sonic qualities of the SB118 in terms of precision and musicality.





COMPONENTS

SB118



CF10



Usable Bandwidth (- 10 dB): 28 Hz – 120 KHz
 SPL 1W/1m: 101 dB
 Maximum Continuous SPL: 130 dB
 Power: 1200 W RMS

Components:

- LF: 1 x 18" Weather-resistant - 8 ohm

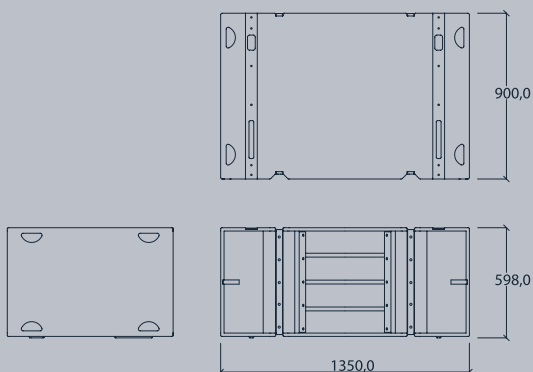
Physical Data:

- Width: 903 mm
- Height: 551 mm
- Depth: 850 mm
- Weight: 77 Kg
- Suspensions Points: Optional - 3 Aeroquip System
- Material: Baltic Birch Plywood
- Connections: 2 x 4 Pin Speakon



The SB221 is a bass subwoofer speaker with an operating range down to 28Hz.

The SB221 composed two 21" LF transducer integrated into a twin bandpass enclosure with frontal horn. This approach, which brings together several conventional technology's, is capable of reproducing extreme low frequencies with massive impact, giving an output level of 130dB.



COMPONENTS

SB221



CF10



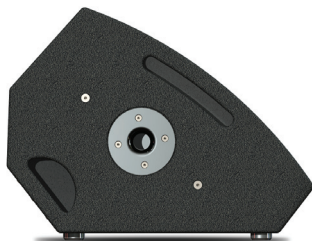
Usable Bandwidth (- 10 dB): 28 Hz – 120 KHz
SPL 1W/1m: 104 dB
Maximum Continuous SPL: 130 dB
Power: 3000 W RMS

Components:

- LF: 2 x 21" Weather-resistant - 4 ohm

Physical Data:

- Width: 1350 mm
- Height: 598 mm
- Depth: 900 mm
- Weight: 105 Kg
- Suspension Points: Optional - 4 Aeroquip System
- Material: Baltic Birch Plywood
- Connections: 2 x 4 Pin Speakon



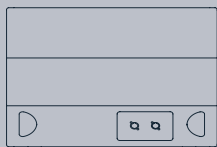
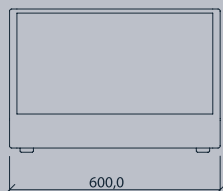
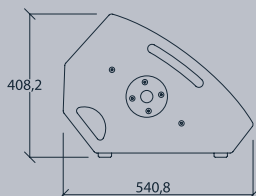
M2CX is a stand-alone coaxial two-way passive speaker with single (Point-Source) acoustic radiation in a very compact and low profile footprint. Designed for true "plug and play" operation, the passive crossover network uses elliptic topology with built-in phase compensation, real time compression driver protection and passive equalization.

M2CX is remarkable in its ability to achieve very high gain before feedback with very little or no EQ. The technology used in the elliptic

crossover/equalizer, provides an exceptional immunity to feedback, combining a neutral tone to a great intelligibility even at high sound pressure levels.

The M2CX is a high performance stage monitor that doesn't necessarily need an external processor.

M2CX 2-way passive 8 Ohm design uses a single amplifier channel to deliver bi-amped performance for less space and complexity.





Usable Bandwidth (- 10 dB): 60 Hz – 20 KHz
Nominal Directivity (- 6 dB): 90° Conical
Maximum Continuous SPL: 128 dB
Power Handling: 800 W

Components:

- LF: 1 x 15" Weather-resistant 8 ohm
- HF: 1 x 2" HF compression driver 8 ohm

Rigging:

- 6-M6 anchor points
- 1 flat Top hat
- 1 10° tilted Top hat

Physical Data:

- Width: 600 mm
- Height: 408,2 mm
- Depth: 540,8 mm
- Weight: 35 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 4 Pin Speakon



ND2 captures all the key elements of Norton Audio® advanced amplifier designs and marries it perfectly with powerful on-board 64 bit digital processing to produce an advanced power amplifier / DSP management system suitable for all professional applications.

Featuring: two analogue inputs, two AES / EBU inputs, two outputs, ten PEQ bands per input / output, a frequency range from 20Hz to 40kHz, rugged analogue input stage dealing with input voltages up to +23dBu, excellent dynamic range of 120dB, highest quality converters, all come together forming part of ND2 extensive feature set and resulting sonic purity.

Amplifier

The amplifier section provides 1900 Watts per channel at 4 Ohms, 1500 Watts per channel at 2 Ohms and 3800 Watts BTL, Norton Audio® latest SMPS, high value protection system, intuitive control set & rotary encoder control access to all parameters and functions, navigation is straightforward and clear.

Along with rugged construction and fine styling, sheer quality of results from all departments and ease of use have been created to meet the highest of engineering requirements. ND2 power / management for pro speaker / speaker system.

DSP Section

The DSP section features 96 kHz sample rate and high quality converters with dynamic range of 117 dB for the analog inputs and 120 dB on the outputs, for optimal sonic purity.

For each input and output you can set up 10 parametric filters, limiters and delay, making the ND2 fully configurable for any speaker system.

Special features include multiband compressor for surgical processing of your music and grouping functionality for controlling multiple systems simultaneously. Up to 100 presets can be stored for instant recall from the front panel of the ND2.

Software

Easy to use and easy to configure systems set-ups, the software includes all the control functions that good audio engineers require, it is presented graphically to make it straightforward and intuitive to use.

The functions include grouping, clear graphical editing of parametric EQ's, saving of PEQ graphs as images, exporting presets as text files, delay can be measured in metres, millimetres, feet, inches, seconds and milliseconds.

Other functions include remote monitoring of status, of external equipment, security access rights and integrated remote firmware upgrade.

The software is available for Windows XP, Windows 7 and Mac OS.

Specifications

Stereo All channels driven @ 1kHz, THD < 1%	16 Ω	600 W
	8 Ω	1100 W
	4 Ω	1900 W
	2 Ω	1500 W
Mono Bridge @ 1kHz, THD < 1%	16 Ω	2200 W
	8 Ω	3800 W
Output Circuitry		Class H
Max. Output Voltage		140 Vp / 280 Vpp
Frequency Response 4 Ω , 120 W output		20 Hz - 20 kHz $\pm$ 0,2 dB
Input Impedance		15 k Ω balanced
Input Gain		32 dB
Protection Circuits		Inrush-current limitation, protection circuits against power- on/off transients, temperature monitoring, output DC protection, temperature dependent power transistor SOA protection, intelligent mains fuse protection
LED Indicators		LED's for SIGNAL/PROTECT, CLIP, LCD (character 2 x 16)
Signal To Noise-Ratio 20 Hz - 20 kHz, 8 Ω load		> 105 dB (A-weighted) > 102 dB (unweighted)
THD+N (typical) 20 Hz - 10 kHz, 4 Ω , 120 W output		< 0,02 %
Damping Factor 8 Ω load, 1 kHz and below		> 400
Net Weight		9,4 kg / 20,7 lbs
Shipping Weight		11 kg / 24,3 lbs
Dimensions (WxHxD)		483 x 88,1 x 419 mm / 19 x 3,5 x 16,5 in. (19", 2U)
Shipping Dim. (WxHxD)		600 x 105 x 527 mm / 23,3 x 4,1 x 20,7 in.

Subject to technical alterations without prior notice.



Power

The NORTON® CF10 delivers 8600 Watts of pure power in 2 Ohm or 4 Ohm applications. You choose, same powerful result, a constant 4300 Watts of power per channel. The NORTON® CF10 offers levels of power and application flexibility truly suited to all worldwide pro-audio markets.

No more Switches

A key part of the new NORTON® CF10 design is the absence of any control knobs or switches, front or back. Control of all parameters is via the screen user interface and gain slider. This clean, practical approach reduces wear & tear factors on moving parts while delivering a forward thinking approach to function, safety and plain good looks.

UMAN Network Solution

UMAN network solutions, Any input – Any network – Any device. This advanced network solution is fitted as standard. UMAN is the next generation, a true network system for all. Super low latency – no problems with integration to existing technologies – no limitations.

Intelligent Input Routing

The signal path is always optimal, no latency, a direct path from input to output bypassing any unnecessary A to D converts/DSP.

The network input is linked direct to the amplifier channel. You choose, run the system in full analogue or digital domains.

DSP

An optional plug-in DSP card is available, allowing the NORTON® CF10 to become a fully DSP/DSP Network controlled speaker management system.

Features

- 4400 Watts of peak power per channel in either 2 Ohm or 4 Ohm mode
- No external control knobs or switches
- UMAN network control
- Intelligent input routing
- Optional plug-in DSP card
- Dual Voltage SMPS with automatic selection for 120 v/230 v operation
- 3 Modes of operation: Dual Channel, Mono Bridge, Parallel-Mono

Specifications

Dual Channel 1)	8 Ω 1)	2200 W
	4 Ω 1)	3800 W
	2 Ω 1)	4000 W
	Peak 2)	4400 W
Mono	16 Ω 3)	4400 W
	8 Ω 3)	7600 W
	4 Ω 3)	8000 W
	2 Ω 4)	7600 W
	1 Ω 4)	8000 W
	Peak 2)	8800 W
Output Circuitry		Hybrid Class H
Output Voltage		200 Vp/400 Vpp
Frequency Response 8 Ω load, 1 dB below rated power		20 Hz - 20 kHz $\pm$ 0,15 dB
Input Impedance		22 k Ω balanced
Input Gain		Selectable: 26 dB, 32 dB or 1,4 V input sensitivity
Protection Circuits		Inrush-current limitation, protection circuits against power on/off transients, temperature monitoring of transformers and heat-sinks, output DC protection, temperature dependent SOA protection, intelligent mains fuse protection
Fan		2 temperature dependent speed-controlled axial fans
LED Indicators		Signal & Clip for each channel
Output Connectors		One 4-pole SPEAKON connector for each output channel (bi-amping possible)
Modes Of Operation		DUAL CHANNEL, MONO BRIDGE and PARALLEL-MONO
Options		Plug-in DSP card
Signal To Noise-Ratio 20 Hz - 20 kHz, 8 Ω load		> 107 dB (unweighted) > 110 dB (A-weighted)
THD+N (typical) 20 Hz - 20 kHz, 8 Ω load, 3 dB below rated power		< 0,01 %
SMPTE (typical) 20 Hz - 20 kHz, 8 Ω load, 3 dB below rated power		< 0,01 %
Damping Factor 8 Ω load, 1 kHz and below		> 400
Net Weight		13,0 kg / 28,7 lbs
Shipping Weight		15,6 kg / 34,4 lbs
Dimensions (WxHxD)		483 x 88,9 x 453 mm / 19 x 3,5 x 17,8 inches (19", 2U)
Shipping Dim. (WxHxD)		540 x 135 x 615 mm (0,045 m ³) / 21,3 x 5,3 x 24,2 inches

1) All channels driven, 1 kHz, 1% THD @ 230 VAC, 2) Peak Power, component tolerance dependent, 3) Mono bridged, 4) Parallel mono.
Subject to technical alterations without prior notice.



New Technology

The NORTON® ND10 introduces new class D amplifier technology offering smooth and responsive handling with massive power output while maintaining NORTON® famous sonic integrity benefiting from the latest advances in NORTON® SMPS technology, the resulting high power, lightweight units are at home in all professional applications.

Designed for flexibility of Use

With the introduction of the ND series NORTON® aim to deliver simple, pure and reliable power for applications where cost and ease of use are paramount without lose of integrity.

Straight Forward Approach

NORTON® have paid attention to market requirements for a straight forward approach. In introducing the ND Series NORTON® identified, key elements, such as power output, loading, AC power supply flexibility and connectivity.

The result is three, outstanding power output options, across four channels, in a 19" 2 RU rugged case design, suitable for professional Installations, Theatre and Live Sound applications.

Features

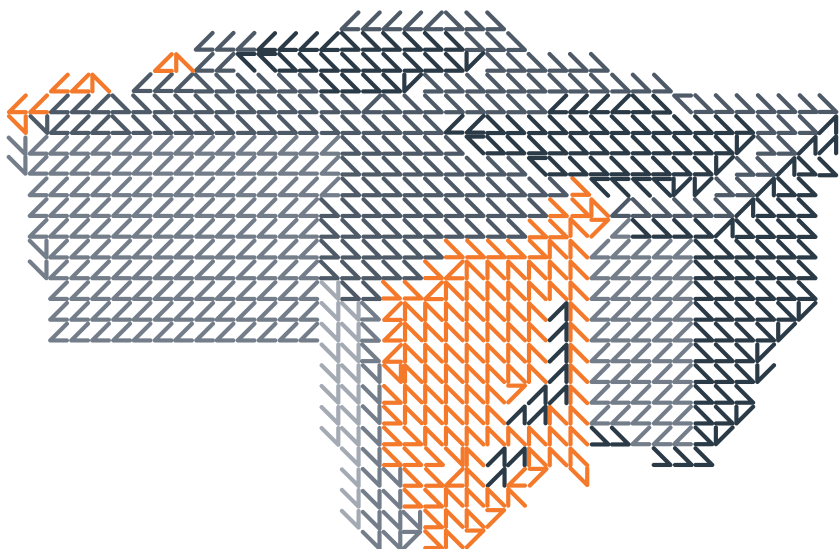
- Dual Voltage SMPS with automatic voltage selection for 120 V / 230 V operation
- Two temperature controlled cooling fans
- Two switchable peak-limiter for channel A+B and C+D
- 100 V/70 V
- Switch Mode Power Supply technology
- 2500 W max RMS output at 4 Ω per channel

Specifications

Power per channel All channels driven @ 1kHz, THD < 1%	16 Ω	620 W
	8 Ω	1100 W
	4 Ω	1800 W
	4 Ω Max RMS	2500 W
	70 V line operation	1600 W
	100 V line operation	625 W
Power per channel Single channel driven @ 1kHz, THD < 1%	16 Ω	620 W
	8 Ω	1350 W
	4 Ω	2400 W
	4 Ω Max RMS	2600 W
No. of channels		4
Max. Output Voltage		145 Vp / 290 Vpp
Output Circuitry		Class D
Signal To Noise-Ratio 20 Hz - 20 kHz, 8 Ω load		> 115 dB (A-weighted) > 112 dB (unweighted)
THD+N (typical) 20 Hz - 20 kHz, 8 Ω load, 6 dB below rated power		< 0,01 %
SMPTE 4:1 (typical) 60 Hz + 7kHz, 8 Ω load 8 dB below rated power		< 0,02 %
Damping Factor 8 Ω load, 1 kHz and below		> 600
Net Weight		11,5 kg / 25,4 lbs
Shipping Weight		13,5 kg / 29,8 lbs
Frequency Response 8 Ω load, 1 dB below rated power		20 Hz - 20 kHz $\pm$ 0,15 dB
Input Impedance		15 k Ω balanced
Input Gain		Selectable: 26 dB, 32 dB or 1,4 V input sensitivity
Protection Circuits		Inrush-current limitation, protection circuits against power on/off transients, temperature monitoring of transformers and heat-sinks, output DC protection, power transistor control, temperature dependent SOA protection, intelligent mains fuse protection
Limiter		Two switchable peak-limiter for channel A+B and C+D respec
Fan		2 temperature dependent speed-controlled axial fans
Indicators		LED's for ON, SIGNAL/PROTECT, CLIP, Output Current
Input Connectors		3-pin XLR, male and female per channel, pin 2 = in phase / Phoenix Connectors, pin 1 = in phase, pin 2 = GND
Output Connectors		Two 4-pole SPEAKON connectors / Barrier Strip with protection cover
Operation Voltage		Dual Voltage SMPS with automatic voltage selection for 120 V / 230 V operation
Dimensions (WxHxD)		483 x 88,9 x 419 mm / 19 x 3,5 x 16,5 inches (19", 2U)
Shipping Dim. (WxHxD)		600 x 105 x 527 mm / 23,3 x 4,1 x 20,7 inches
Accessories included		Gain pot security cover

Subject to technical alterations without prior notice.

THE TRUTH OF SOUND



NORTON®
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