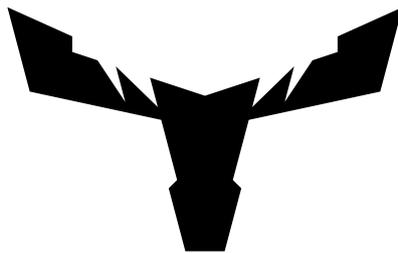


MOOSE

PROFESSIONAL
AUDIO
PRODUCTS



MOOSE



MOOSE

PROFESSIONAL AUDIO PRODUCTS

ABOUT US

MOOSE is a brand of PROFACTOR S.A.

We're a Portuguese company working on the market for 25 years now as a manufacturer of Audio & Lighting equipment having many clients from many different countries worldwide. We have

our own R&D department and a producing capacity in our factory of 39 people currently working in PROFACTOR. We not only sell our branded products (domestic and foreign markets) but also accept OEM manufacturing without significant MOQ offering our

customers professional products, quick delivery times and good quality after sales service. We are also available to accept any sort of subcontracted work (precision metal parts, PCB manufacturing, PCB assembling, etc).

WHAT WE DO

- ▶ RESEARCH & DEVELOPMENT (R&D)
- ▶ ELECTRONICS PARTS & PCB
- ▶ PCB MANUFACTURING
- ▶ SMD COMPONENTS ASSEMBLY
- ▶ AXIAL COMPONENTS ASSEMBLY
- ▶ PRECISION METAL PARTS
- ▶ CABINET POWER DISTRIBUTION
- ▶ AUDIO EQUIPMENT
- ▶ LIGHTING EQUIPMENT
- ▶ PUBLIC ADDRESS SYSTEMS
- ▶ INTERACTIVE BOARD STRUCTURES

OUR MACHINERY

- ▶ SMD ASSEMBLY MACHINE
- ▶ AXIAL ASSEMBLY MACHINE
- ▶ AXIAL ASSEMBLY MACHINE
- ▶ SOLDERING MACHINE
- ▶ WIRING/CABLING MACHINE
- ▶ PCB DRILLING MACHINE S
- ▶ CNC PUNCHING MACHINE S
- ▶ BENDING MACHINE S
- ▶ SOLDERING ROBOT
- ▶ CNC MULTI-TOOLS MACHINE
- ▶ CNC WOODWORKING MACHINE

MYDATA

**Amistar
Automation**

**Universal
Instruments**

kirsten

komax

pluritec

gom

ERMAKSAN

**motofil
robotics**

Eumach

MORBIDELLI



THIS IS THE
LAUNCHING
OF A NEW
PROFESSIONAL
AUDIO PRODUCTS
BRAND, MADE IN
EUROPE, PROUDLY
DEVELOPED AND
MANUFACTURED IN
PORTUGAL.

LARRAY SERIES

PERFECT IN LIVE SOUND
REINFORCEMENT SOLUTION
TO BE USED IN SMALL TO
MEDIUM LIVE EVENTS

KEY FEATURES

- ▶ Front loaded array elements
- ▶ Bi-amp. operation
- ▶ High performance and crystal clear reproduction
- ▶ Faithful dynamic response and great range
- ▶ Integrated rigging system for stacked and flown configurations
- ▶ Rugged and durable 15mm birch plywood construction



Compact vertical line array elements designed to provide high performance, detailed highs and a well-defined midrange. The series comprises two compact 2-way front loaded (maximum sensitivity) design models. Bi-amp operated, one loaded with a 10" transducer with 75mm (3 in) voice coil + 2x 1" compression driver (LA10PRO) and another with a 12" transducer employing a 75 mm (3 in) Interleaved Sandwich Voice coil + 1x 1.5" high sensitivity compression driver (LA12PRO) ensuring powerful and crystal clear reproduction, high SPL and low distortion with an extended frequency response. LA10PRO and LA12PRO vertical



MF/HF pattern control is array dependent and horizontal MF/HF coverage is 120°. LARRAY rugged enclosure is manufactured using 15mm birch plywood painted in hard-wearing, equipped with fully integrated rigging hardware with quick-release pins to ensure fast

and easy setup, designed both for flying and ground stack applications. The LARRAY series is the perfect in live sound reinforcement solution to be used in small to medium live events, as well as permanent installation. Active versions to be presented soon.



LARRAY 10PRO



LARRAY 12PRO

MODEL	LA10PRO	LA12PRO
TYPE	2 Way bi-amp line array system	2 Way bi-amp line array system
ENCLOSURE DESIGN	Trapezoidal array element	Trapezoidal array element
POWER OUTPUT (RMS)	450W (MF) + 150W (HF)	450W (MF) + 100W (HF)
FREQUENCY RANGE	85Hz - 18kHz	62Hz - 20kHz
NOMINAL IMPEDANCE	8 Ohm	8 Ohm
TRANSDUCER TYPE	10" MF + 2x 1" HF	12" MF + 1.5" HF
DISPERSION	Array length-splay dependent x 120°	Array length-splay dependent x 120°
CROSSOVER FREQUENCY	N/A	N/A
MAX. SPL (PEAK)	128dB @ 1m	132dB @ 1m
CONNECTOR	2x NL4 in parallel	2x NL4 in parallel
CONSTRUCTION	15mm birch plywood	15mm birch plywood
GRILLE	Custom perforated metal grille with protective foam	Custom perforated metal grille with protective foam
INSTALLATION, RIGGING, FLYING	Integrated steel rigging system	Integrated steel rigging system
DIMENSIONS (WxDxH)	625 x 315 x 445mm	650 x 300 x 360mm
WEIGHT	18Kg	22Kg

BASS SERIES

THE PERFECT CHOICE FOR SOUND
REINFORCEMENT CHALLENGES
DEMANDING HIGH SPL

KEY FEATURES

- ▶ Bass reflex 18" subwoofers
- ▶ Optimized for high SPL output
- ▶ Made for an impact bass
- ▶ Recesses on the top to facilitate the stacking
- ▶ Rugged and durable 18mm birch plywood construction



The BASS series offers a professional passive subwoofers range becoming the perfect choice for sound reinforcement challenges demanding high SPL and natural-

sounding bass response designed to enhance the ultra-low bass of an existing PA system. Both models are on bass reflex configuration and constructed of 18mm birch

plywood featuring 18" loudspeakers with 4" voice coil delivering a nominal power handling of 1000W rms at 8 Ohms each giving low-ranging yet clearly defined bass response and rendering impulses with great accuracy in a very compact and robust enclosure. The ergonomic carrying handles permit a secure grip from all sides and convenient transport. Punch and bass sensation do not have to be incompatible factors and this BASS series truly is a great example.



BASS 18



BASS 218

MODEL	G18	G218
TYPE	Compact Passive subwoofer	Compact Passive subwoofer
ENCLOSURE DESIGN	Bass reflex	Bass reflex
POWER OUTPUT (RMS)	1000W	2000W
FREQUENCY RANGE	38 Hz - 180 Hz	38 Hz - 180 Hz
NOMINAL IMPEDANCE	8 Ohm	8 Ohm
TRANSDUCER TYPE	18" LF	2x 18" LF
CROSSOVER FREQUENCY	N/A	N/A
MAX. SPL (PEAK)	127dB @ 1m	132dB @ 1m
CONNECTOR	2x NL4 in parallel	2x NL4 in parallel
CONSTRUCTION	18mm birch plywood	18mm birch plywood
GRILLE	Custom perforated metal grille with protective foam	Custom perforated metal grille with protective foam
INSTALLATION, RIGGING, FLYING	4 rubber feet	4 rubber feet
DIMENSIONS (WxDxH)	610 x 600 x 640mm	620 x 600 x 1295mm
WEIGHT	44Kg	86Kg

LOUD SERIES

THE ULTIMATE IN “ALL-IN-ONE” COMPLETE AND CONVENIENT “PLUG-N-PLAY” PA SYSTEM SOLUTION FOR LIVE QUALITY SOUND

KEY FEATURES

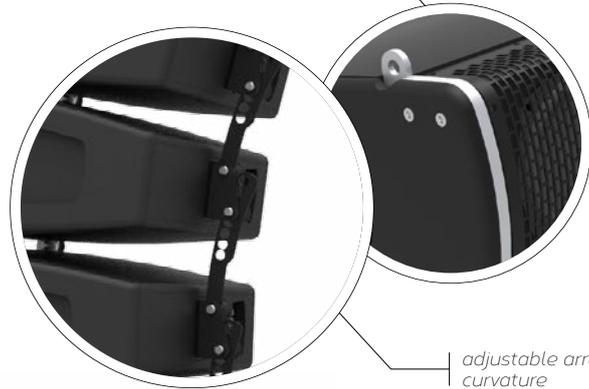
- ▶ Compact self-powered line array system
- ▶ Suited for small and medium applications
- ▶ Driven by a Class D power amplifier
- ▶ Integrated rigging system for stacked and flown configurations
- ▶ Great flexibility in shaping array curvature





LOUD array system represents the new generation of active line array compact systems developed to deliver premium performance. This active line array system comprises eight mid/high array elements, each loaded with 2x 5" loudspeaker + 1" compression driver plus two 15" bass reflex active subwoofers. The latest in Class D amplifier technology is incorporated in LOUD system ensuring ultra-quiet, highly efficient and low distortion output. The system is powered with Neutrik® PowerCon® connector. Each array element is equipped

integrated rigging system



adjustable array curvature

with an integrated steel rigging system (4 steps). With high quality components and high-technology amplifier LOUD achieves extremely high performance with tight, rock-solid low end, with smooth,

detailed highs and a well-defined midrange making this system the ultimate in "all-in-one" complete and convenient "plug-n-play" PA system solution for live quality sound.



LOUD 205

MODEL	LOUD205
TYPE	Active Line array system
ENCLOSURE DESIGN	Bass reflex [Subwoofer] Trapezoidal array element
POWER OUTPUT (RMS)	400W [Subwoofer] / 400W [Satellite]
PROGRAM POWER	1600W
FREQUENCY RANGE	45Hz - 19kHz
NOMINAL IMPEDANCE	N/A
TRANSDUCER TYPE	15" LF [Subwoofer] 2x 5" MF + 1" HF [Satellite]
DISPERSION	120° horizontal (average)
CROSSOVER FREQUENCY	180 Hz
MAX. SPL (PEAK)	128dB @ 1m [Subwoofer] 113dB @ 1m [Satellite]
CONSTRUCTION	15mm birch plywood [Subwoofer] 10mm birch plywood [Satellite]
GRILLE	Custom perforated metal grille
INSTALLATION, RIGGING, FLYING	Integrated steel rigging system
DIMENSIONS (WxDxH)	185x155x1010mm [Subwoofer] 492x340x170mm [Satellite]
WEIGHT	30Kg [Subwoofer] 7.5Kg [Satellite]
AMPLIFICATION	Class D (digital)
INPUT SENSITIVITY	-2 dBu / +4 dBu
CONTROLS	Sub level, Hi level, ON/OFF switch
CONNECTORS	Line in: XLR 3p, Line out: XLR 3p, Out for sub: NL4, Out for mid/hi: NL4
PROTECTION	Short circuit, limiter

LANE SERIES

VERSATILE SELF-POWERED
COLUMN PA SYSTEM
ENDOWED WITH HIGH
QUALITY COMPONENTS

KEY FEATURES

- ▶ Active “all-in-one” systems
- ▶ Great coverage and well-balanced sound distribution
- ▶ Driven by a Class D power amplifier
- ▶ Elegant looking bass-reflex enclosures
- ▶ Multi-pin connector to minimize setup time





Class D amplifier

LANE is a versatile self-powered system endowed with high quality components designed to deliver superb sound and offering an

exceptional performance in a wide variety of applications. The latest in Class D amplifier technology is incorporated in both LANE600 and LANE1400 systems ensuring ultra-quiet, highly efficient and low distortion output. These active PA systems are composed of one stack of a front-loaded subwoofer and an aluminum array assembly. Master and subwoofer levels are adjustable individually and a built-

in electronic crossover provides an acoustically perfect transition between the subwoofer and the mid/high array assembly to ensure a natural sound with high pressure levels and exceptional sound quality. To make it a real "Plug and Play" system there is a custom multi-pin connector to minimize setup time. LANE600 can be used in two different configurations (refer to images).



LANE 600



LANE 1400

MODEL	LANE600	LANE1400
TYPE	Active column PA system	Active column PA system
ENCLOSURE DESIGN	Bass reflex [Subwoofer] Sealed [Column]	Bass reflex [Subwoofer] Sealed [Column]
POWER OUTPUT (RMS)	250W [Subwoofer] / 150W [Column]	400W [Subwoofer] / 400W [Column]
PROGRAM POWER	800W	1400W
FREQUENCY RANGE	65 Hz - 18 kHz	50Hz - 20kHz
NOMINAL IMPEDANCE	N/A	N/A
TRANSDUCER TYPE	8" LF [Subwoofer] 4x 3" MF + Dome tweeter [Column]	15" LF [Subwoofer] 8x 3" MF + 1" HF [Column]
DISPERSION	120° horizontal (average)	120° horizontal (average)
CROSSOVER FREQUENCY	125 Hz	125 Hz
MAX. SPL (PEAK)	121dB @ 1m	129dB @ 1m
CONSTRUCTION	15mm birch plywood [Subwoofer] Extruded aluminium profile [Column]	15mm birch plywood [Subwoofer] Extruded aluminium profile [Column]
GRILLE	Custom perforated metal grille	Custom perforated metal grille
INSTALLATION, RIGGING, FLYING	Plug-and-play column fitting	Plug-and-play column fitting
DIMENSIONS (WxDxH)	305x420x345mm [Subwoofer] 72x72x380mm [Column]	430x540x428mm [Subwoofer] 107x95x1320mm [Column]
WEIGHT	8Kg [Subwoofer] 2Kg [Column]	25Kg [Subwoofer] 8Kg [Column]
AMPLIFICATION	Class D (digital)	Class D (digital)
INPUT SENSITIVITY	-2 dBu / +4 dBu	-2 dBu / +4 dBu
CONTROLS	Sub level, Hi level, ON/OFF switch	Sub level, Hi level, ON/OFF switch
CONNECTORS	Line in: XLR 3p. Line out: XLR 3p. Out for sub: NL4. Out for mid/hi: NL4	Line in: XLR 3p. Line out: XLR 3p. Out for sub: NL4. Out for mid/hi: NL4
PROTECTION	Short circuit, limiter	Short circuit, limiter

DUAL SERIES

THE PERFECT
PROFESSIONAL
SOLUTION FOR CLUBS,
BANDS AND DJS

KEY FEATURES

- ▶ Trapezoidal-wedge shape speakers
- ▶ 10", 12" and 15" versions available
- ▶ Rotatable horn for ideal dispersion
- ▶ Pole mount fitting
- ▶ Rugged and durable 15mm birch plywood construction





The DUAL series is a complete range of Full-range speakers with trapezoidal-wedge shape for use in PA systems or as an on-stage monitor offering 3 models: 10", 12" and 15" loudspeakers. Low frequency transducers are capable of deliver excellent dynamic range, flat frequency response and a very low distortion figure which combined with 1" driver result in

a superb sound and exceptional performance. All models are prepared to be used as a stage monitor or as a pole mount speaker as the CD horn rotates for vertical and horizontal operation in order to achieve the ideal sound dispersion. This range of Speakers offers exceptional performance making it the perfect professional solution for clubs, bands and DJs

and anywhere there is a need for dependable high performance loudspeakers.

Neutrik speakon sockets



ergonomic handle



top hat pole mount



DUAL 10



DUAL 12



DUAL 15

MODEL	C10	C12	C15
TYPE	2 Way passive loudspeaker	2 Way passive loudspeaker	2 Way passive loudspeaker
ENCLOSURE DESIGN	Wedged cabinet - bass reflex	Wedged cabinet - bass reflex	Wedged cabinet - bass reflex
POWER OUTPUT (RMS)	300W	400W	500W
FREQUENCY RANGE	75Hz - 18kHz	65Hz - 18kHz	50Hz - 18kHz
NOMINAL IMPEDANCE	8 Ohm	8 Ohm	8 Ohm
TRANSDUCER TYPE	10" MF + 1" HF	12" MF + 1" HF	15" MF + 1" HF
DISPERSION	Rotatable, 90° x 60° and 60° x 90°	Rotatable, 90° x 60° and 60° x 90°	Rotatable, 90° x 60° and 60° x 90°
CROSSOVER FREQUENCY	N/A	N/A	N/A
MAX. SPL (PEAK)	122dB @ 1m	126dB @ 1m	128dB @ 1m
CONNECTOR	2x NL4 in parallel	2x NL4 in parallel	2x NL4 in parallel
CONSTRUCTION	15mm brich plywood	18mm brich plywood	18mm brich plywood
GRILLE	Custom perforated metal grille with protective foam	Custom perforated metal grille with protective foam	Custom perforated metal grille with protective foam
INSTALLATION, RIGGING, FLYING	35 mm pole mount socket	35 mm pole mount socket	35 mm pole mount socket
DIMENSIONS (WxDxH)	300x310x470mm	350x345x610	432x415x680
WEIGHT	12Kg	16Kg	20Kg

GROOVE SERIES

SURPRISING SONIC
PERFORMANCE INSIDE A COMPACT
AND ELEGANT PACKAGE

KEY FEATURES

- ▶ Passive and Active stage monitors
- ▶ 10", 12" and 15" models available
- ▶ Driven by a Class D power amplifier (active versions)
- ▶ Elegant looking bass-reflex enclosure
- ▶ Rugged and durable 15mm birch plywood construction





The GROOVE stage monitor series delivers a complete sound reinforcement solution to fulfil the highest demands of audio professionals for both fixed installation and rental production markets. The GROOVE monitors are available in 10", 12" and 15" formats combining the MF loudspeaker together with a 1" compression driver in a constant directivity horn resulting in a surprising sonic performance

inside a compact package. All models have their own active version featuring an active module capable of delivering 300W rms in 40hm. with balanced 3p XLR IN + 3p XLR LINK to connect a passive stage monitor through this one, turning these stage monitors suited to sound reinforcement applications such as front of house, floor monitor and distributed systems.



GROOVE 10

GROOVE 12

GROOVE 15

MODEL	M10	MA10	M12	MA12	M15	MA15
TYPE	2 Way passive monitor	2 Way active monitor	2 Way passive monitor	2 Way active monitor	2 Way passive monitor	2 Way active monitor
ENCLOSURE DESIGN	Wedged cabinet - bass reflex					
POWER OUTPUT (RMS)	250W	250W	350W	350W	500W	500W
FREQUENCY RANGE	80 Hz - 19 kHz	65 Hz - 19 kHz	65 Hz - 19 kHz			
NOMINAL IMPEDANCE	8 Ohm					
TRANSDUCER TYPE	10" MF + 1" HF	10" MF + 1" HF	12" MF + 1" HF	12" MF + 1" HF	15" MF + 1" HF	15" MF + 1" HF
DISPERSION	60° x 40°	60° x 40°	60° x 40°	60° x 40°	75° x 35°	75° x 35°
CROSSOVER FREQUENCY	N/A	2200 Hz	N/A	2200 Hz	N/A	2200 Hz
MAX. SPL (PEAK)	116dB @ 1m	116dB @ 1m	121dB @ 1m	121dB @ 1m	126dB @ 1m	126dB @ 1m
CONNECTOR	2x NL4 in parallel	NL4 output	2x NL4 in parallel	NL4 output	2x NL4 in parallel	NL4 output
CONSTRUCTION	15mm birch plywood					
GRILLE	Custom perforated metal grille with protective foam					
INSTALLATION, RIGGING, FLYING	4 rubber feet					
DIMENSIONS (WxDxH)	500 x 440 x 290mm	660 x 570 x 330mm	660 x 570 x 330mm			
WEIGHT	15Kg	18Kg	16.5Kg	19Kg	20.5Kg	24Kg
AMPLIFICATION	-	400W rms module	-	400W rms module	-	400W rms module
INPUT SENSITIVITY	-	-	-	-	-	-
OUTPUT	-	Signal out (LINK) + Speaker	-	Signal out (LINK) + Speaker	-	Signal out (LINK) + Speaker
CONNECTORS	-	XLR 3p (signal) + NL4	-	XLR 3p (signal) + NL4	-	XLR 3p (signal) + NL4
PROTECTION	-	Short circuit, limiter	-	Short circuit, limiter	-	Short circuit, limiter

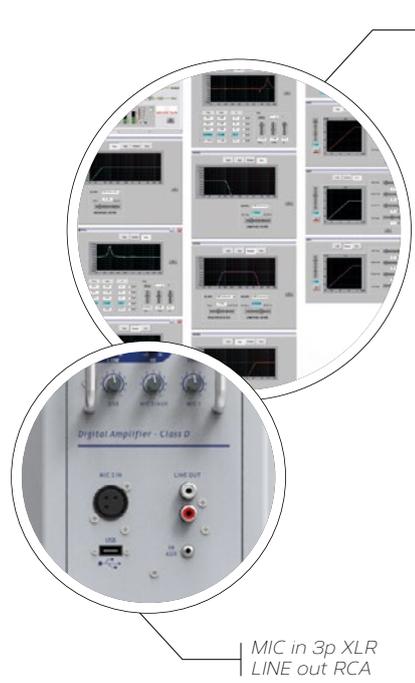
DIGI SERIES

PERFECTLY SUITED FOR
SPEECH AND BACKGROUND
MUSIC TRANSMISSIONS

KEY FEATURES

- ▶ Line source speaker
- ▶ Ideal for difficult acoustic environments
- ▶ Superb speech intelligibility
- ▶ Built-in DSP technology (CDP series)
- ▶ Computer remote controllable,
network ready (RJ45) (CDP series)
- ▶ Built-in mixer (CMIX45)





integrated DSP computer software (CDP series)

MIC in 3p XLR
LINE out RCA

Line source speaker system especially developed for difficult acoustic conditions with long reverberation times such as churches, museums, conference rooms, etc. This DIGI series features ultra-quiet and highly efficient Class D amplifiers (3x 75W rms) in two different models driven by 5" rubber cone transducers and 1" compression drivers to increase speech intelligibility especially in reverberant rooms. With an integrated DSP module all functions needed to adjust and to complete an installation

are available by remote control through the RJ45 cable coupled to a PC (software), enabling very precise energy dispersion manipulation to achieve a perfectly adapted sound system that fulfils all requirements of a modern speaker system regarding design, sound quality and operating comfort in every respect. Thanks to their aluminum housings, this DIGI vertical array speaker series is genuine lightweights, yet at the same time extremely robust, perfectly suited for speech and background music transmissions.



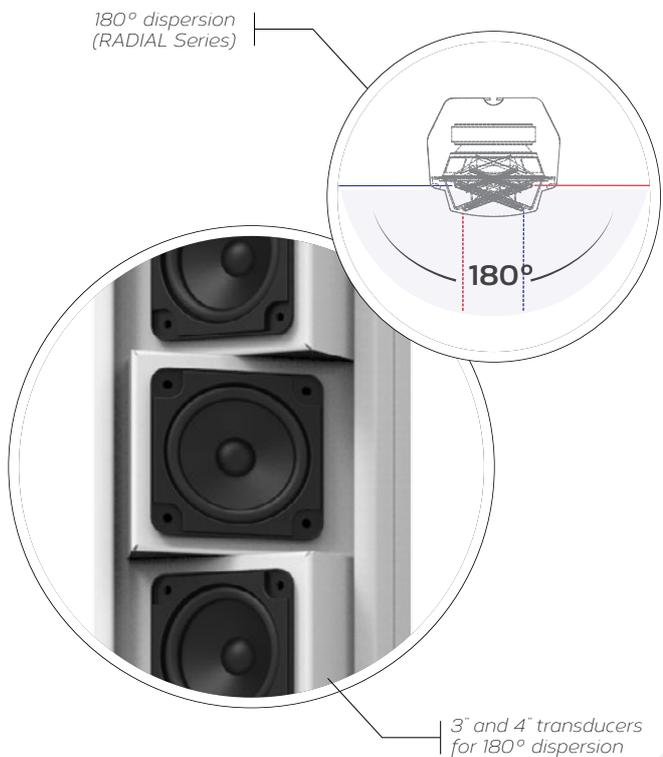
DIGI CDP

DIGI MIX

MODEL	C605DP	C1205DP	CMIX45
TYPE	Active full range column speaker	Active full range column speaker	Active full range column speaker
ENCLOSURE DESIGN	Trapezoidal	Trapezoidal	Trapezoidal
POWER OUTPUT (RMS)	150W + 50W + 100W	150W + 50W + 100W	100W
FREQUENCY RANGE	90 Hz - 18 kHz	90 Hz - 18 kHz	90 Hz - 18 kHz
NOMINAL IMPEDANCE	4 Ohm	4 Ohm	4 Ohm
TRANSDUCER TYPE	6x 5" MF + 1" HF	12x 5" MF + 1" HF	4x 5" MF + 1" HF
DISPERSION	120° x 30°	120° x 30°	120° x 30°
CROSSOVER FREQUENCY	Built-in DSP	Built-in DSP	N/A
MAX. SPL (PEAK)	86dB @ 1m	90dB @ 1m	85dB @ 1m
CONSTRUCTION	Extruded aluminium profile	Extruded aluminium profile	Extruded aluminium profile
GRILLE	Custom perforated metal grille	Custom perforated metal grille	Custom perforated metal grille
INSTALLATION, RIGGING, FLYING	C-sup for wall mounting	C-sup for wall mounting	C-sup for wall mounting
DIMENSIONS (WxDxH)	185x155x1010mm	185x155x1850mm	180x150x735mm
WEIGHT	13.5Kg	22.5Kg	7.5Kg
AMPLIFICATION	Class D - 150W+50W+100W (AUX out)	Class D - 150W+50W+100W (AUX out)	Class D - 2x 75W rms
INPUT SENSITIVITY	-2 dBu / +4 dBu	-2 dBu / +4 dBu	-2 dBu / +4 dBu
INPUTS	Signal in	Signal in	MIC in, AUX in
OUTPUT	100W - 80hm for speaker	100W - 80hm for speaker	Line out - RCA stereo
CONNECTORS	XLR 3p in + XLR 3p out	XLR 3p in + XLR 3p out	XLR 3p (mic), Jack 3.5mm
PROTECTION	No	No	No

PURE SERIES

THE IDEAL SOLUTION FOR
SHORT OR MEDIUM RANGE
ENVIRONMENTS WITH
DEMANDING ACOUSTICS



KEY FEATURES

- ▶ Public address speaker range
- ▶ Superb speech intelligibility
- ▶ Suitable for high impedance installations 100V
- ▶ 180° horizontal dispersion (RADIAL series)
- ▶ Mounting brackets available

PURE public address series is a step ahead for music and speech reproduction in 100V sound reinforcement systems. With the highest sound quality and speech intelligibility, both MF elements and HF elements are placed in a way to provide a very even and smooth coverage. In fact, PURE RADIAL series are designed and

constructed with both 3" and 4" transducers combined to ensure a 180° horizontal directional dispersion. Elegant aluminum enclosure to provide ultra-compact cabinets capable of delivering very high sound pressure levels in difficult acoustic spaces. All models are available in either black or white finishing and for

fixed installations there is a mounting bracket C-sup available. With elegant design, PURE series is the ideal solution for short or medium range environments with demanding acoustics and long reverberation times such as churches, museums, halls, conference rooms, etc.



PURE CST

PURE RADIAL

MODEL	CST403	CST803	RADIAL42	RADIAL80	RADIAL84
TYPE	Passive installation column speaker				
ENCLOSURE DESIGN	Trapezoidal	Trapezoidal	Sealed	Sealed	Sealed
POWER OUTPUT (RMS)	20W	40W	30W	60W	90W
FREQUENCY RANGE	100Hz - 19kHz	100Hz - 19kHz	100Hz - 18kHz	100Hz - 18kHz	100Hz - 18kHz
NOMINAL IMPEDANCE	100V line transformer in				
TRANSDUCER TYPE	4x 3" rubber cone	8x 3" rubber cone	4x 3" rubber cone + 2x 4"	8x 3" rubber cone	8x 3" rubber cone + 4x 4"
DISPERSION	120° x 30°	120° x 30°	180° x 30°	180° x 30°	180° x 30°
CROSSOVER FREQUENCY	2200 Hz				
MAX. SPL (PEAK)	90dB @ 1m	92dB @ 1m	95dB	96dB	98dB
CONNECTOR	Clamp - type				
CONSTRUCTION	Extruded aluminium profile				
GRILLE	Custom perforated metal grille	Custom perforated metal grille	Custom perforated metal grille	Custom perforated metal grille	Custom perforated metal grille
INSTALLATION, RIGGING, FLYING	C-sup M for wall mounting	C-sup M for wall mounting	C-sup S for wall mounting	C-sup S for wall mounting	C-sup M for wall mounting
DIMENSIONS (WxDxH)	80x90x390mm	80x90x690mm	126x115x616mm	126x115x686mm	126x115x1186mm
WEIGHT	3Kg	5Kg	10.5Kg	13.5Kg	17Kg

CUE SERIES

SUITED FOR INSTALLATIONS SUCH AS CONFERENCE ROOMS, CONGRESS CENTERS, SUPERMARKETS, SHOPPING MALLS, ETC.



KEY FEATURES

- ▶ Public address speaker range
- ▶ Cost-effective line
- ▶ Ultra slim line (C8 and C16)
- ▶ Suitable for high impedance installations 100V
- ▶ Mounting brackets available



Range of public address passive speakers in a lightweight AL profile especially designed to deliver excellent voice quality/ reproduction for its use in many different applications. Both C8 and C16 column speakers are constructed in a narrow aluminum profile featuring 1.5" rubber cone

transducers while C104/C204/C404 and C604 feature 4" transducers, all with an integrated 100V line transformer allowing multiple speakers to be connected together without danger of overloading the power amplifier due to impedance drop. All models are supplied with wall mount supports/brackets.

available in 2 colors: black and white. This range of speakers is the perfect solution for all kind of public address installations, designed to offer a cost effective but professional solution, suited for installations such as conference rooms, congress centers, supermarkets, shopping malls, etc.



CUE 1.5

CUE 4

	C8	C16	C104	C204	C404	C604
TYPE	Passive public address column speaker					
ENCLOSURE DESIGN	Sealed	Sealed	Sealed	Sealed	Sealed	Sealed
POWER OUTPUT (RMS)	15W	30W	10W	20W	30W	40W
FREQUENCY RANGE	100Hz - 15kHz	100Hz - 15kHz	120Hz - 18kHz	120Hz - 18kHz	120Hz - 18kHz	120Hz - 18kHz
NOMINAL IMPEDANCE	100V line transformer in					
TRANSDUCER TYPE	8x 1.5" rubber cone	16x 1.5" rubber cone	1x 4"	2x 4"	4x 4"	6x 4"
DISPERSION	120° x 30°					
CROSSOVER FREQUENCY	N/A	N/A	N/A	N/A	N/A	N/A
MAX. SPL (PEAK)	88dB @ 1m	90dB @ 1m	93dB @ 1m	95dB @ 1m	97dB @ 1m	97dB @ 1m
CONNECTOR	Clamp - type					
CONSTRUCTION	Extruded aluminium profile					
GRILLE	Custom perforated metal grille					
INSTALLATION, RIGGING, FLYING	C-sup S for wall mounting	C-sup S for wall mounting	Mounting bracket	Mounting bracket	Mounting bracket	Mounting bracket
DIMENSIONS (WxDxH)	57x55x375mm	57x55x720mm	125x95x185mm	125x95x305mm	125x95x545mm	125x95x745mm
WEIGHT	1Kg	1.5Kg	2Kg	2.5Kg	4.5Kg	5.5Kg

MOVE SERIES

CRANK YOUR MUSIC WHENEVER AND WHEREVER YOU WANT MAKING YOURSELF HEARD AND HAVING YOUR MUSIC DEVICE RIGHT BY YOUR SIDE



audio module
digital display

KEY FEATURES

- ▶ Portable PA speaker
- ▶ USB port input and FM tuner
- ▶ Built-in amplifier and tone control
- ▶ Wireless handheld microphone
- ▶ Built-in 12V battery for MOVE108



Crank up your music whenever and wherever you want. MOVE series is a flexible all-in-one sound system with the latest in amplifier technology incorporated. Both MOVE108 and MOVE208 feature a built-in digital AM/FM radio with digital display, USB port for flash drives to stream music anywhere at any time. In addition it includes an Aux input to connect other portable music players/ audio sources, a 3p XLR input to

connect a wired microphone and a LINE OUT output for amplifying other audio systems. There is a MASTER volume and 2-band tone control, being both MICs (wireless microphone supplied + wired microphone input available) individually controlled. The built-in wheels and telescoping handle makes MOVE208 instantly easy to move ensuring portability. This brand new MOVE108/208 provides room-filling sound with which you

can listen to your favorite radio station or favorite music, make yourself heard and all having your music device right by your side.

built-in Class D amplifier



MOVE 108



MOVE 208

MODEL	MOVE108	MOVE208
TYPE	Portable PA speaker	Portable PA speaker
ENCLOSURE DESIGN	Trapezoidal	Trapezoidal
POWER OUTPUT (RMS)	50W	150W
FREQUENCY RANGE	90Hz - 18kHz	80Hz - 18kHz
NOMINAL IMPEDANCE	N/A	N/A
TRANSDUCER TYPE	8" MF + 1" HF	2x 8" MF + 1" HF
DISPERSION	120° x 30°	120° x 30°
CROSSOVER FREQUENCY	2200 Hz	2200 Hz
MAX. SPL (PEAK)	92dB @ 1m	97dB @ 1m
CONSTRUCTION	MDF 12mm	MDF 12mm
GRILLE	Custom perforated metal grille	Custom perforated metal grille
INSTALLATION, RIGGING, FLYING	4 rubber feet	4 rubber feet, Built-in wheels, extension handle
DIMENSIONS (WxDxH)	260x245x455mm	260x245x685mm
WEIGHT	9Kg	11.5Kg
AMPLIFICATION	Built-in 75W rms amplifier	Built-in 75W rms amplifier
AC POWER SUPPLY	AC230V	AC230V
INPUTS	AUX in, UBS port	AUX in, UBS port
OUTPUT	LINE out	LINE out
CONNECTORS	Jack 3.5mm, RCA stereo	Jack 3.5mm, RCA stereo
CONTROLS	Channels volume, Master volume, MIC volume, Tone control	Channels volume, Master volume, MIC volume, Tone control
RECHARGEABLE BATTERY	Yes	No
OPERATING TIME	up to 8h	N/A
MICROPHONE	Wireless VHF handheld mic	Wireless VHF handheld mic

AMB SERIES

WILL LOOK GREAT IN A FORMAL CONFERENCE ROOM, MEETING ROOM OR EXECUTIVE BOARDROOM



built-in Class D amplifier

KEY FEATURES

- ▶ High quality portable lectern
- ▶ Built-in amplifier so everyone can hear
- ▶ Wireless handheld microphone
- ▶ Line out to connect an existing audio system
- ▶ Built-in 12V battery for standalone operation



The AMB1 is a portable column style lectern in a lightweight aluminum profile construction. Perfect for any speech or venue. this stylish podium design lends

itself to many atmospheres taking up little space yet still offering everything needed for orators to give exceptional presentations. This lectern features a built-in digital AM/FM radio with digital display. USB port for flash drives to stream music anywhere at any time. In addition it includes 3p XLR input to connect a wired

microphone and a LINE OUT output to connect to an existing audio system. This portable lectern can be carried or shipped wherever it is needed, with minimal effort and will look great in a formal conference room, meeting room or executive boardroom and will get an added advantage of a custom built in wired PA system as well.



3p XLR sockets for Light and Mic



AMB 1



AMB 2

	AMB 1	AMB 2
TYPE	Portable active pulpit	Portable active pulpit
ENCLOSURE DESIGN	Column speaker	Column speaker
POWER OUTPUT (RMS)	40W	75W
FREQUENCY RANGE	120 Hz - 18 kHz	90Hz - 18kHz
NOMINAL IMPEDANCE	N/A	4 Ohm
TRANSDUCER TYPE	4x 4" MF	4x 5" MF + 1x 1" HF
DISPERSION	N/A	N/A
CROSSOVER FREQUENCY	N/A	N/A
MAX. SPL (PEAK)	102dB @ 1m	116dB @ 1m
CONSTRUCTION	Extruded aluminium profile	Extruded aluminum profile
GRILLE	Custom perforated metal grille	Custom perforated metal grille
INSTALLATION, RIGGING, FLYING	Steady metal base	Steady metal base
DIMENSIONS (WxDxH)	340x400x1040mm	340x400x1147mm
WEIGHT	13.5Kg	16Kg
AMPLIFICATION	Built-in 75W rms amplifier	Built-in 75W rms amplifier
AC POWER SUPPLY	AC230V	AC230V
INPUTS	AUX in. UBS port	AUX in. UBS port
OUTPUT	LINE out	LINE out
CONNECTORS	Jack 3.5mm, RCA stereo	Jack 3.5mm, RCA stereo
CONTROLS	Channels volume, Master colume, MIC volume, Tone control	Channels volume, Master colume, MIC volume, Tone control
RECHARGEABLE BATTERY	No	Yes
OPERATING TIME	N/A	N/A
MICROPHONE	Wireless VHF handheld mic	Wireless VHF handheld mic

MX6 SERIES

THE NATURAL CHOICE FOR SMALL EVENTS PROVIDING RELIABLE OPERATION AND QUALITY PERFORMANCE.

KEY FEATURES

- ▶ Compact size and flexible analog mixer
- ▶ Lightweight, portable designs and easy operation
- ▶ 3-band EQ in all channels
- ▶ RCA phono stereo playback inputs and record outputs
- ▶ Headphone output



This brand new MX6 is the first element of a growing family range of cost-effective analog mixers. Mic preamps ensure premium sound quality together with 48-volt phantom power for use with professional-grade condenser mics and 60mm faders in a good looking and solid constructed enclosure. The 4 MIC/LINE mono channels use XLR/Jack hybrid panel mount connector combining a 3 pole XLR receptacle and a stereo 1/4" phone jack in one XLR housing, saving space and simplifying PCB design. The MX6 takes advantage of its

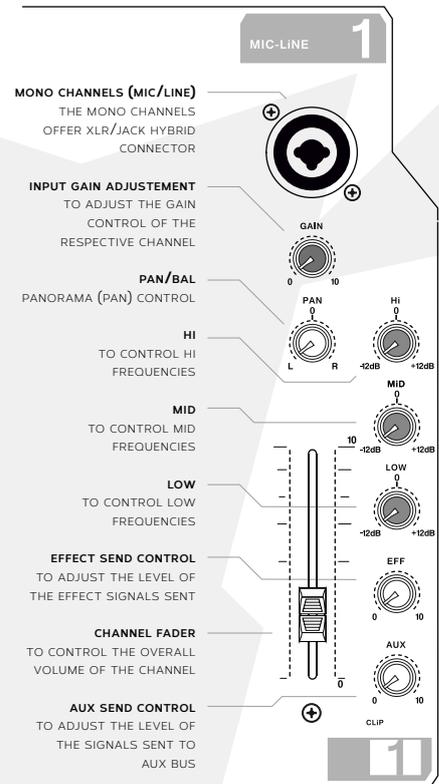


compact size and flexible input scheme to make it the natural choice for small events providing

reliable operation and quality performance. New models to be presented soon.

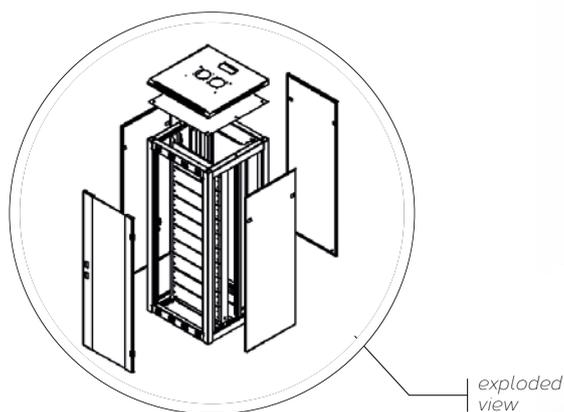
MX6

MX6	
TYPE	Analog stereo mixer
MIXING CHANNELS	4 Mono + 1 Stereo
AUX	1 AUX in
AMPLIFICATION RANGE MONO MIC INPUT	0 - +10dB
MONO/ST CHANNEL EQ LOW	"-10 - +12dB"
FREQUENCY RESPONSE	10Hz - 200KHz (-3dB)
T.H.D.	< 0.09% @ 1kHz
S/N RATIO	Mic: 110dB Line: 110dB Stereo line: 110dB
INPUT IMPEDANCE:	Mic: 2600 Ohm Line: 10000 Ohm Stereo line: 20000 Ohm
BALANCED ST MAIN OUT IMPEDANCE	2400 Ohm
MAIN OUTPUT LEVEL	"+22 dBu"
MAIN OUTPUT IMPEDANCE	approx. 120 Ohm (unbalanced)
FADER TYPE	60mm
CONTROLS MONO MIC AND LINE INPUT	Gain, PAN, channel volume, Effect and AUX post
OTHER INPUTS	TAPE and REC, RCA stereo
PHANTOM POWER	48V DC switchable
DISPLAY	5-segment Level Meter, Power, Phantom Power, Channel Peak
CONSUMPTION	less than 40W
OPERATING VOLTAGE	16-0-16V AC, 12VA
DIMENSIONS (WxDxH)	335x43x260mm
WEIGHT	2Kg



MP RACK SERIES

- ▶ Sturdy welded construction to support heavy loads
- ▶ Panel mounting rails are fully adjustable front and back
- ▶ Sides are easily removable to allow quick assembly access
- ▶ Open base for convenient cable access
- ▶ Vented at top and bottom of sides
- ▶ Comes with pre-installed earthing cabling
- ▶ Comes fully assembled



The MP RACK Series enclosures provide an extensive versatility of sizes to satisfy virtually every rack enclosure or rack cabinet. The free standing pre-assembled 19" rack cabinets are made from 2.00mm with pre-built earthing wiring installation so that voltages that are induced into cabling (by lightning or other disturbances) are directed to earth. These MP Series rack enclosures and rack cabinets serve as the ideal solution for all rack mounting applications from hi-tech home theater systems to server racks, data racks, audio racks, and computer racks for both home as well as professional and networking rack assignments.

MP RACK

MP..U	
TYPE	Pre-assembled rack enclosure
MATERIAL	2.0mm Steel
DETAILS	Glass front door, Locking system on front and rear doors, Removable side panels, Supplied with rack rails, Adjustable depth rack rail, Fully ventilated rear door, Perforated top for ventilation (optional fan units available), Pre-built earthing installation wiring, Four castors and four levelers
COLOUR	Black, white, other under request
FINISH	Powder coated
DIMENSIONS (WxD)	640 x 640mm (can be customized)
HEIGHT	12U (760mm), 16U (910mm), 22U (1157mm), 32U (1600mm), 37U (1815mm), 42U (2046mm), 47U (2270mm)
WEIGHT	N/D



MOOSE is a brand of PROFACTOR S.A.

PROFACTOR S.A.
Rua do Padrão 52
4440-049 Valongo
Portugal
Tel +351 224 119 160
Fax +351 224 155 822
info@profactor.pt

**EE
SS
OO
OO
MM**



moosesound.com