# PROFESSIONAL AUDIO ENGINEERING

AMPLIFIERS
AUDIO MATRICES
SOFTWARE
MIXERS







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# sound quality without compromise is in our dna



FOR MORE THAN 70 YEARS, DYNACORD HAS DESIGNED AND ENGINEERED PROFESSIONAL AUDIO ELECTRONICS — PRODUCTS THAT OFFER UNPARALLELED PERFORMANCE AND PREMIUM QUALITY, THE PERFECT BALANCE OF POWER AND PRECISION.

We have a passion for providing world-class amplification and processing that we share with our users. Our engineering competence is second to none in the industry – sound quality without compromise is in our DNA and in every circuit we make. With each innovation we transfer generations of knowledge and experience, always pushing technology forward, always reinforcing our customers' trust.

We seek to surpass the highest standards of today's audio professionals, audiences and performers. Our industrial design combines finely tuned form with feature-rich functionality across every detail — clean lines and clean sound — and our dedication to durability is demonstrated in the industry's most rigorous product testing program. In applications where failure is not an option, you can rely on Dynacord to be heard loud and clear.

#### core technologies



# cycle by cycle current limiter

Continue to make sound

Maximizes reliability under all load conditions

Able to drive low impedance



# variable load drive (VLD)

Patented technology allowing optimal allocation of output power in multichannel amplifiers

Thanks to direct drive technology, combine Low-Z or High-Z 70V/100V loudspeakers using the same amplifier without the need of transformers

VLD allows the max output power into 4 Ohms, 8 Ohms, 70V or 100V

#### **FIR-Drive**

FIR-Drive optimizes loudspeakers transducer linearity for precise, balanced sonic output

Advanced limiter algorithms offer independent peak and thermal transducer protection, even in most demanding applications

FIR filters available for a large range of portable and install loudspeakers

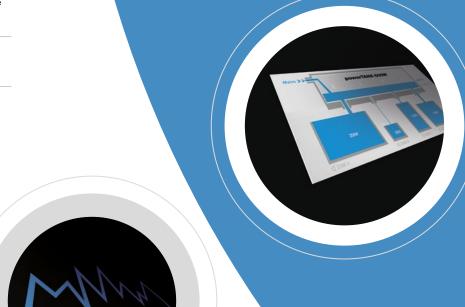
#### powerTANK

Supreme installation flexibility as it works as a power reservoir for the amplifier

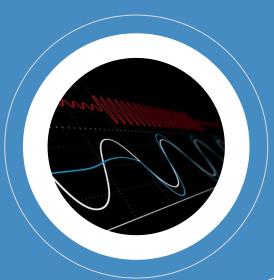
The total power of the amplifier distributed as needed across all output channels

No waste of energy especially when driving multiple audio zones with different power requirements

No manual configuration needed as powerTANK engages and adapts automatically







# power factor correction (PFC)

Maximizes output power and reduces idle power

Complete digital monitoring and control

Wide range input for maximum flexibility

Highest reliability thanks to

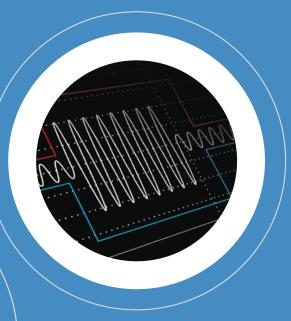
Dynacord's protection algorithms

#### junction temperature modelling (JTM)

Component overheat protection by constant temperature modelling

Ensures maximum output power

Provides highest operational reliability



# ecoRAIL technology

Reduces standby losses to a minimum

All monitoring functions are maintained

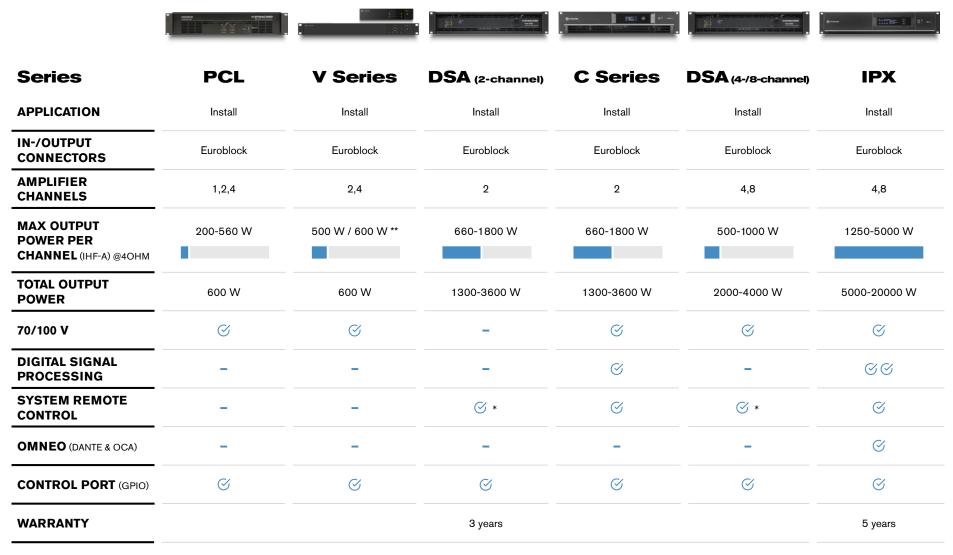
No transient currents or distortions during switching

Fully automatized – no user interaction needed



Built to thrive in the most demanding conditions, Dynacord amplifiers for permanent installation are trusted worldwide to deliver faultless results, round-the-clock, year after year. With intelligent system integration plus remote control and supervision software, Dynacord amps are driven by experience.





<sup>\*</sup> optional with accessories \*\* @8OHM

# **IPX Series**

THE MULTI-CHANNEL IPX 5:4, 10:4, 10:8 AND 20:4 POWER AMPLIFIERS MARK AN UNPRECEDENTED STANDARD FOR SOUND SYSTEM AMPLIFICATION IN MID TO LARGE-SIZED PERMANENT INSTALLATIONS.

The high-performance amplifiers offer seemingly unlimited power and pristine audio quality. IPX series multi-channel power amplifiers are featuring OMNEO IP networking architecture and groundbreaking audio performance. They embody several proprietary amplifier technologies developed by Dynacord engineers and Dynacord's reknown Variable Load Drive (VLD).

#### **Software**

IPX amplifiers have integrated OMNEO networking (Dante audio and OCA/AES70 control) and can be configured, controlled and operated from both IRIS-Net as well as SONICUE Sound System Software



#### **Main Features**

Three 4-channel models and one 8-channel model, offering a power density of 5 kW, 10 kW and even 20 kW from a single amplifier with all channels driven

Advanced 96 kHz high-resolution digital signal processing for the highest performance, internal analog-to-digital conversion with ultra-low latency, and a superior signal-to-noise ratio

ecoRAIL technology developed by Dynacord helps to reduce overall power consumption up to 50%

VLD technology as well as the newly developed parallel and parallel-bridged operation modes. VLD technology allows the available output power of e.g. 1,250 watts per channel to be used at either 4 or 8 Ohms, or via 70 V or 100 V lines in direct drive







all channels driven bridge mode asymmetrical d

# DSA Series 4-/8-channel



The possibility to individually switch the operation mode of each power amplifier channel makes DSA multi-channel power amps particularly flexible in use. The user can configure these amplifiers under IRIS-Net using the Variable Load Drive (VLD) to provide any output power in the range of 100 W to 500/1000 W per channel. This and further remote-supervision and – control possibilities and integration into IRIS-Net networks, are enabled by the optional remote control module RCM-810.

#### **Software**

IRIS-Net allows complete audio systems with a multitude of similar or different devices to be configured, supervised and controlled centrally from a single user interface



#### **Main Features**

Variable Load Drive (with RCM810) enables each channel to define freely which output power should be made available in each channel at  $4\Omega$ ,  $8\Omega$  or 70V or 100V without an output transformer

Comprehensive protection system includes circuitry against overheating, overload, short circuit, HF and DC

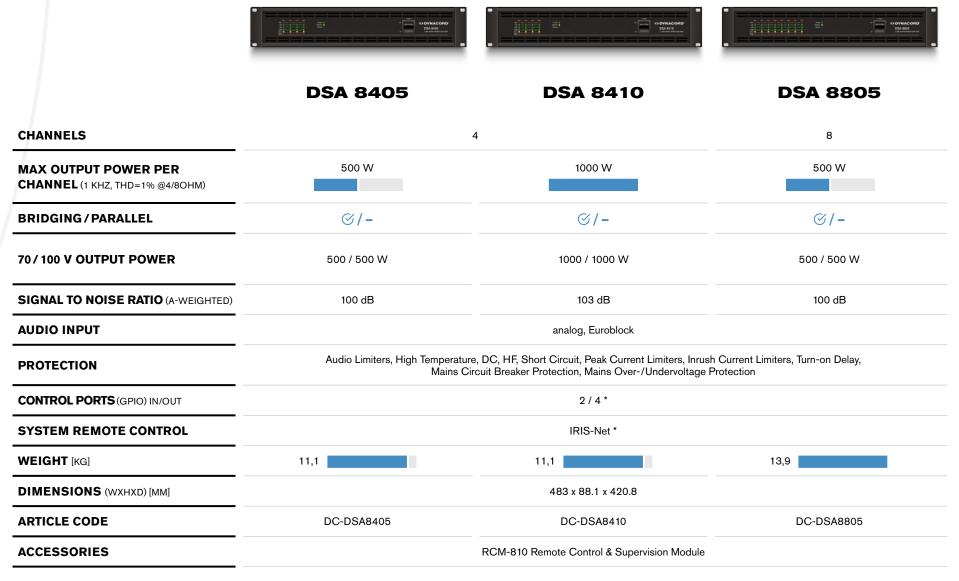
Soft start circuit compensates mains inrush current peaks and thus prevents triggering AC mains fuse when switching on the amplifier

Loudspeakers are protected by Turn-on Delay

Optional RCM-810 Remote Control Module allows supervision of the amplifier and connected loudspeakers via IRIS-Net software







<sup>\*</sup> with optional RCM-810

## **C** Series

# EQUIPPED WITH AN EXTREMELY ROBUST POWER SUPPLY AND A POWERFUL, LINEAR AMP DESIGN, FLAWLESS OPERATION IS GUARANTEED.

A sophisticated protection circuitry ensures safe, reliable operation under all conditions. All 4 models are also suitable for direct drive applications with 70V/100V speaker lines, providing high flexibility for a variety of install scenarios. In addition, the amplifiers feature Euro block connectors for convenient wiring, remote power-on delay, and GPIOs to interface with third-party controls. The onboard DSP allows multi-band PEQ, crossovers, limiting and delay per channel as well as channel grouping.

#### **Software**

Systems can be configured, tuned and supervised with SONICUE Sound System Software. SONICUE brings a new way of working with an intuitive, guided workflow, operation from speaker view and various loudspeaker databases



#### **Main Features**

On-board DSP includes multi-band PEQs, crossovers, limiters and delay per channel; True channel grouping control with extra DSP capabilities including GEQ

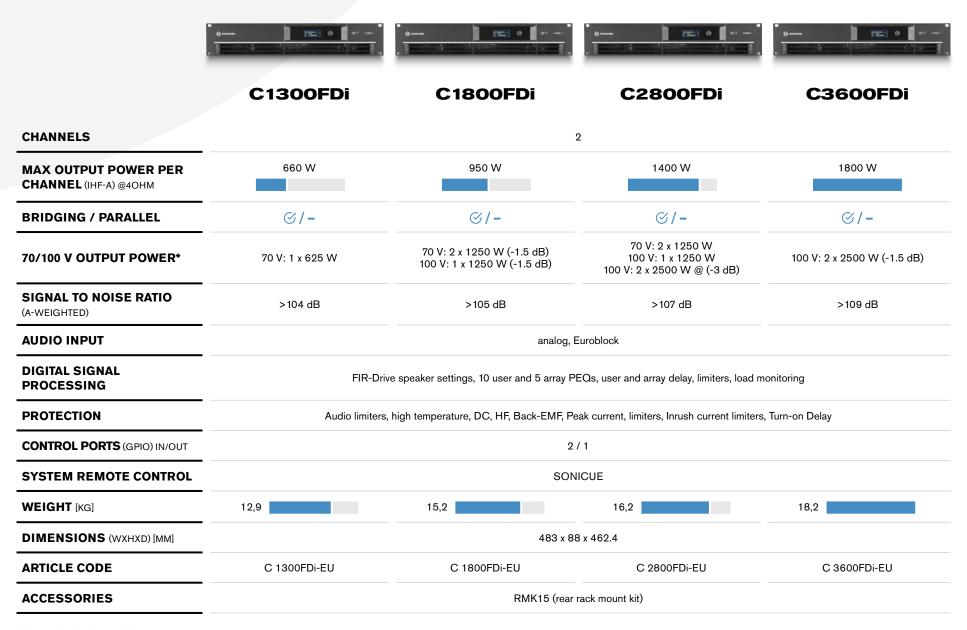
FIR-Drive combines technologies to create a sophisticated loudspeaker correction and protection system yielding a level of unparalleled performance

Intuitive, powerful control software makes configuration and real-time control easy – up to 16 amp channels can be controlled and monitored simultaneously

Efficient standby power mode reduces running costs and power consumption by up to 90%, leading to a very low total cost of ownership







<sup>\*</sup> direct drive load capabillity

# DSA Series 2-channel

DSA POWER AMPLIFIERS OFFER HIGH, STABLE OUTPUT WITH HIGH EFFICIENCY AT A HIGH PERFORMANCE LEVEL: THE IDEAL CHOICE FOR TYPICAL FIXED INSTALLATION APPLICATIONS.

The connectivity consequently provides Euroblock type in/outs, the input level controls are located on the rear panel, also a switchable high-pass filter (50 Hz, 18 dB/oct) and a Ground Lift switch. The POWER REMOTE connector makes the task of remote controlling the power amplifier as well as switching it on and off simple. For further remote-supervision and – control possibilities and integration into IRIS-Net networks, an optional remote control module (RCM-810) is available.

#### **Software**

IRIS-Net allows complete audio systems with a multitude of similar or different devices to be configured, supervised and controlled centrally from a single user interface



#### **Main Features**

Comprehensive protection system includes circuitry against overheating, overload, short circuit, HF and DC

Soft start circuit compensates mains inrush current peaks and thus prevents triggering AC mains fuse when switching on the amplifier

Loudspeakers are protected by Turn-on-Delay relays

Using an optional RCM-810 Remote Control Module allows supervision of the amplifier and connected loudspeakers via IRIS-Net software







<sup>\*</sup> with optional RCM-810

# **V** Series

#### FLEXIBLE, ENERGY-SAVING AND BUILT TO LAST

Versatile two and four-channel power amplifiers for commercial installations at an attractive price point -- recommended for background music and announcements in small to mid-sized applications such as education, hospitality, retail, houses of worship and more. These are the ideal choice for consultants, specifiers and installers who are looking for robust, extremely versatile amplifiers that are quick to install and run trouble-free – even under demanding power conditions.



#### **Main Features**

Installation versatility by multiple power drive options (4 ohms, 8 ohms, 70 V or 100 V) utilizing Dynacord's patented VLD (Variable Load Drive) technology

powerTANK technology allows direct access to the total power of 600 watts, to deliver asymmetric power across all channels (up to 500 W @4OHM per single channel) as needed

Low cost of ownership by APD (Auto Power Down) and ecoRAIL technology

Highest reliability by bullet-proof protection circuitry with sophisticated limiters

dualCOOL technology and Power Factor Correction (PFC) for the power supply guarantee a flawless performance – even in challenging environments





	⊕ terroccose	⊕ (⊕ productions	
	V600:2	V600:4	
CHANNELS	2	4	
MAX OUTPUT POWER PER CHANNEL (IHF-A) @4OHM	500 W / 600 W *	500 W / 600 W *	
TOTAL OUTPUT POWER	600 W	600 W	
BRIDGING / PARALLEL	⊗/-	⊗/-	
70/100 V OUTPUT POWER	·	<b>⊗</b>	
SIGNAL TO NOISE RATIO (A-WEIGHTED)	>98 dB	>98 dB	
AUDIO INPUT	1 x 6-pin Euroblock, 3.81 mm, male, parallel 1x RJ45 line in	2 x 6-pin Euroblock, 3.81 mm, male, parallel 1x RJ45 line in	
SIGNAL PROCESSING	Switchable HP 100 Hz, 150 Hz, LP 150 Hz (24dB/Oct.)	Switchable HP 100 Hz, 150 Hz, LP 150 Hz (24dB/Oct.)	
PROTECTION	Audio limiters, high temperature, DC, HF, short circuit, back-EMF, peak current limiters, inrush current limiters, mains over/under voltage protection	Audio limiters, high temperature, DC, HF, short circuit, back-EMF, peak current limiters, inrush current limiters, mains over/under voltage protection	
WEIGHT [KG]	2.1	3.6	
DIMENSIONS (WXHXD) [MM]	44.2 x 218 x 269.5	44.2 x 483 x 269.5	
ARTICLE CODE	V600:2-EU	V600:4-EU	

<sup>\* @80</sup>HM



# **PCL Series**

#### THE PCL SERIES POWER AMPLIFIER LINE COMBINES QUALITY AUDIO PERFORMANCE WITH RELIABILITY AND SECURE OPERATIONAL SAFETY

All models in the PCL series provide several protection circuits which not only prevent the power amplifier itself but also the connected loudspeaker systems from being damaged. All PCL series power amps feature different hi-pass filters with switch selectable cut-off frequency to attenuate unwanted low-frequency signals. PCL series "T" version models for 70V and 100V installations.

#### **Main Features**

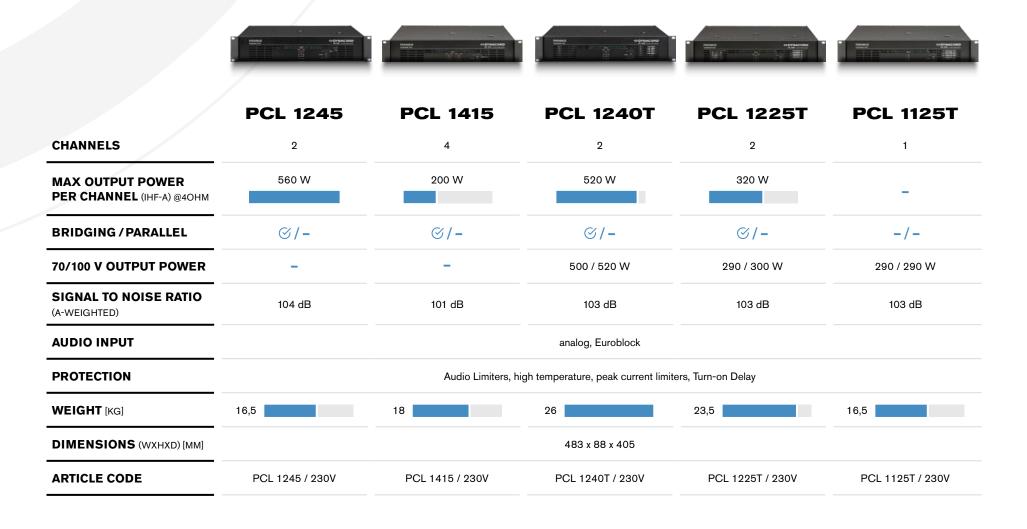
Dynamic Audio Limiters, Inrush Current Limiter, Short Circuit Protection and Thermal Overload Protection

PCL series "T" version models are equipped with high performance output transformers also provide floating outputs for 70V and 100V installations. These models also provide voltage limiters to protect the loudspeaker outputs against overvoltage

Euroblock screw-lock connectors prevent accidental disconnection resulting in a more secure connection of audio signal and speaker cables

















Series	SL Series	L Series	TGX Series
APPLICATION	Live	Live	Live
IN-/OUTPUT CONNECTORS	NL4, XLR	NL4, XLR	NL4, XLR
AMPLIFIER CHANNELS	2	2	4
MAX OUTPUT POWER PER CHANNEL (IHF-A) @40HM	660-1800 W	660-1800 W	2500-5000 W
DIGITAL SIGNAL PROCESSING	-	⊗	⊗⊗
SYSTEM REMOTE CONTROL	-	$\otimes$	$\otimes$
OMNEO (DANTE & OCA)	-	-	⊗
WARRANTY	3 years	3 years	5 years

### **TGX Series**

TGX 4-CHANNEL LIVE SOUND AMPLIFIERS FROM DYNACORD ARE ONE OF THE MOST POWERFUL ON THE MARKET AND REPRESENT THE PINNACLE OF PRO AUDIO ELECTRONICS ENGINEERING.

Along with unprecedented power density, they offer Dynacord's signature audio quality, advanced reliability and power efficiency. Engineered and manufactured in Germany, TGX amplifiers are built as the ultimate amplification solution for large-scale live performance sound applications. They embody several proprietary amplifier technologies developed by Dynacord engineering, one of the most experienced R&D teams in the audio industry.

A preconfigured System rack is available, including three TGX20 DSP amplifiers, power distribution, input and output interfaces and network redundancy.



#### **Main Features**

Market leading power density with 20kW in 2RU

Tour-grade 96 kHz DSP includes multi-band PEQs, crossovers, limiters and delay per channel

FIR-Drive and speaker preset library on board yield a level of unparalleled audio quality

Integrated networking with proven Dante Audio and OCA / AES 70 remote control

Reliable voltage handling

Uncompromising stability down to 2 ohms







<sup>\* 3</sup> amplifiers are mounted in the rack including switches and connection panel

# **L Series**

L SERIES POWER AMPLIFIERS PROVIDE A BEST-IN-CLASS, TOUR-GRADE FEATURE SET THAT BRINGS REAL PROFESSIONAL PERFORMANCE TO A NEW, MORE ACCESSIBLE PRICE POINT.

Like all Dynacord amplifiers, the L Series offers high-quality components and truly professional processing power and performance characteristics. Its engineering and applied technologies enable exceptional sound quality with plenty of headroom. Equipped with an extremely robust power supply and a powerful linear amp design, flawless operation is guaranteed – even in the most demanding environments. A sophisticated protection circuit ensures safe, reliable operation under all conditions.

#### **Software**

Systems can be configured, tuned and supervised with SONICUE Sound System Software. SONICUE brings a new way of working with an intuitive, guided workflow, operation from speaker view and various loudspeaker databases



#### **Main Features**

On-board DSP includes multi-band PEQs, crossovers, limiters and delay per channel; True channel grouping control with extra DSP capabilities including GEQ

FIR-Drive combines technologies to create a sophisticated loudspeaker correction and protection system yielding a level of unparalleled performance

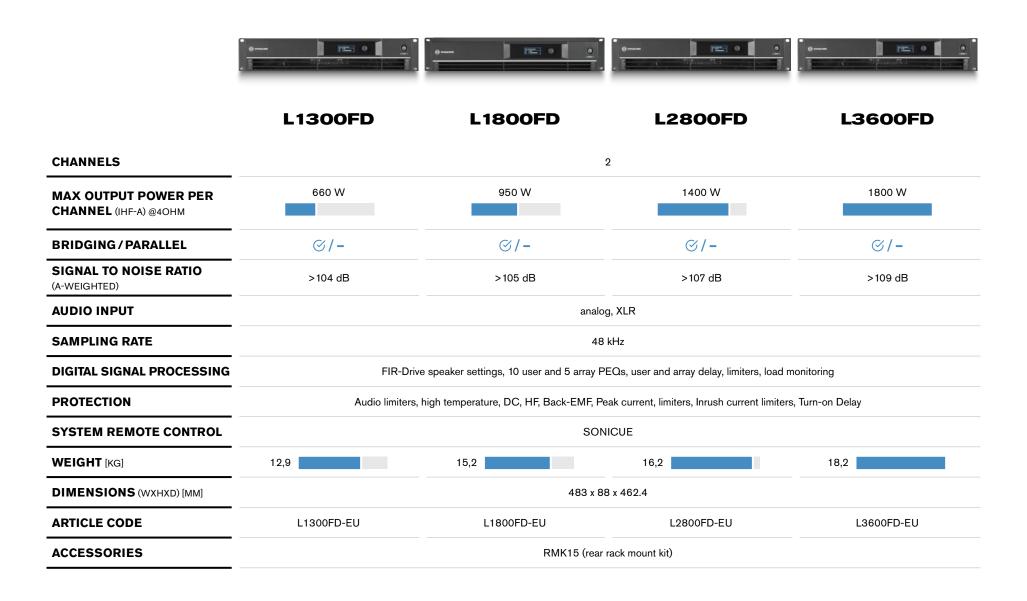
Intuitive, powerful control software makes configuration and real time control easy – up to 16 amp channels can be controlled and monitored simultaneously

High-performance bulletproof voltage handling

Engineered for constant stability at 2 ohms









# **SL Series**

A SOLID WORKHORSE OFFERING HIGH, STABLE POWER OUTPUT AND A HIGH EFFICIENCY ON THE HIGH PERFORMANCE LEVEL: THE IDEAL CHOICE FOR DRIVING A MULTITUDE OF MOBILE SYSTEMS.

SL series power amplifiers are equipped with a comprehensive protection package and dynamic limiters. The integrated, switchable Low-Pass Notch filter (a typical DYNACORD special feature) corrects the frequency response and optimizes the transient behavior of loudspeakers.

#### **Main Features**

Straightforward setup and configuration makes these a plug and play live sound amplifier

Comprehensive protection system – protection against overheating, overload, short circuit, HF and DC

Patented LPN filter – switchable frequency and phase response correction of connected loudspeakers









#### **Integration, Flexibility and Performance**

Dynacord audio matrices are equipped with the most advanced DSP, offering comprehensive supervision and system control. Designed for fixed installation and live sound applications, Dynacord audio matrices support networked, IP-based processing and Dante audio. Dynacord's applied technologies ensure superior sound quality with ultra-low latency for a flawless, uninterrupted audio performance – even under most demanding conditions.





#### MXE5

APPLICATION	Install / Live
IN-/OUTPUT CONNECTORS	Euroblock
MATRIX SIZE	24 x 24 (fixed config), 128 x 128 (free config)*
SYSTEM REMOTE CONTROL	SONICUE (OCA/AES70)
AUDIO INPUTS / OUTPUTS	12 mic line / 8 line, 24/24 Dante
NETWORKED AUDIO	OMNEO, Dante (AES67)
WARRANTY	3 years

<sup>\*</sup> with SONICUE 1.3 or higher





# MXE5

THE MXE5 IS THE FIRST MEMBER OF THE MXE MATRIX MIX ENGINE SERIES. THE AUDIO MATRIX WITH FREE OR FIXED DSP STRUCTURE OFFERS BOTH ROUTING AND MIXING FUNCTIONALITIES, WITH 12 ANALOG MIC/LINE INPUTS AND EIGHT LINE OUTPUTS.

At the same time, the MXE5 serves as a communications hub for all IP-based peripherals and provides comprehensive supervision of all system-wide commands. Thanks to SONICUE, the MXE5 can be assigned with personalization features, rights management and GPIO configuration. There are two optional panel controllers. The TPC-1 touch panel controller which has a low-profile form factor and features a 5.7" HD display and the WPN1, a compact PoE powered wall panel controller featuring a 1.77" color TFT display and a single-knob encoder.

#### **Software**

The MXE5 integrates completely with Dynacord's SONICUE Sound System Software, one of the most powerful software interfaces in the industry, offering comprehensive control and easy, intuitive operation

#### **Main Features**

#### **Delivering the highest audio quality**

The MXE5 benefits from advanced DSP, providing outstanding audio quality and dynamic range. This is ensured by a sampling rate of 96 kHz and the industry's lowest audio latency of less than 0.22 ms

#### Ready for a wide range of applications

The MXE5 is designed for consultants, production companies, specifiers and system integrators who demand the highest-quality BGM and uncompromising live performance sound

#### Made for mixing and routing

The MXE5 offers a variety of functions beyond being a powerful crosspoint matrix; it also works as both a system manager and an OCA controller with complete monitoring and supervision abilities





#### MXE5

MATRIX SIZE	24 x 24 (fixed config), 128 x 128 (free config)*	
AUDIO INPUTS / OUTPUTS ANALOG	12 mic/line, 8	
AUDIO INPUTS / OUTPUTS DIGITAL	24 OMNEO / Dante	
SIGNAL TO NOISE RATIO (A-WEIGHTED)	>118 dB	
THD+N (1DB BELOW MAX. @ 1 KHZ)	< 0.0002 %	
SAMPLING RATE	48 kHz / 96 kHz	
DIGITAL SIGNAL PROCESSING	32/40 bit, floating point	
SIGNAL LATENCY ANALOG IN TO OUT	< 0.45 ms (48 kHz), < 0.22 ms (96 kHz)	
REMOTE CONTROL SOFTWARE	SONICUE Sound System Software	
SAFETY/REDUNDANCY	Internal supervision, system monitoring, watch dog, fault output, redundant audio network supported	
CONTROL PORTS	8 GPIO (digital in/out, analog in) Ready/Fault	
WEIGHT	6.0 kg / 13.2 lbs	
DIMENSIONS (WXHXD)	483 x 43.5 x 471 mm (19", 1 RU)	
ARTICLE CODE	MXE5	
ACCESSORIES	TPC-1, Touch Panel Controller 5.7"; WPN1 Wall Panel Controller; CP-MXE connector panel (XLR) for MXE	

<sup>\*</sup> with SONICUE 1.3 or higher





## SONICUE

THE SMOOTH WAY
TO DRIVE YOUR SOUND

SONICUE Sound System Software simplifies the set-up, tuning and operation of professional sound reinforcement systems driven by TGX, IPX, L- and C Series amplifiers or RCM-28 retrofitted amplifiers and MXE series matrices

Intuitive operation and direct interaction ensured by comprehensive overview of the entire sound system

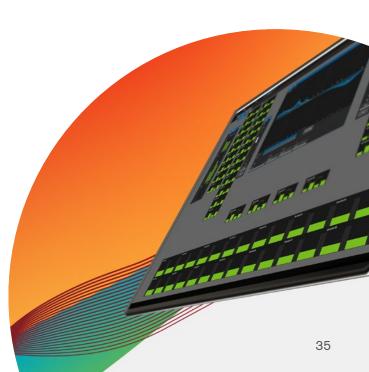
Guided workflows offer maximum flexibility to save time and achieve best results with minimum effort

Supports the powerful Task Engine in MXE5 for creation of advanced tasks without coding skills

Customized control panel design for PC desktop panels as well as TPC-1 and WPN1 wall panels, advanced system logic with MXE5

Future-proof architecture: designed for multi-OS and third party plug-ins such as prediction or measuring software

Engineered speaker settings are available: allowing the integration of many brand's speaker systems with Dynacord amplifiers and DSPs













PM 502

**CMS** 

#### **PowerMate**

MODEL	503	600-3 / 1000-3 / 1600-3 / 2200-3	600-3 / 1000-3 / 1600-3 / 2200-3
POWERED / NON-POWERED	Powered	non-powered	Powered
MAX OUTPUT POWER (IHF-A) @ 4 OHM	640 W	_	1250 W
AMPLIFIER CHANNELS	2	_	2
CHANNELS (MONO + STEREO)	5 + 3	up to 18 + 4	up to 18 + 4
MIC INPUTS	5	up to 22	up to 22
AUXILIARIES (MON, FX, AUX)	2	3 / 6	3/6
DIGITAL AUDIO INTERFACE	©		<b>⊗</b>
STEREO 24/48BIT MULTI EFFECTS PROCESSOR	1	2	2
WARRANTY		3 years	

### **PowerMate**

WITH ITS POWERMATE MIXERS, DYNACORD HAS SEIZED POLE POSITION IN THIS SEGMENT OF THE MARKET BY VIRTUE OF THE QUALITY OF ITS SOUND, COMPONENTS AND FEATURES.

Designed for a wide variety of applications there's a choice between the very compact PowerMate 600 and the larger PowerMate 1000, 1600 and 2200. All PowerMates feature the same powerful, but lightweight 2 x 1250 W Class-D amplifier fulfilling the highest audiophile demands.



#### **Main Features**

Class-D high-performance power amplifier delivering 2 x 1250 watts per channel (IHF-A) into  $4\Omega$ 

2 editable digital effects devices with 100 presets each and 20 user memories each

Professional 4xIN / 4xOUT digital interface (USB) for the connection of a PC or Mac

Stereo equalizer in the master section

LPN Processing for small to medium-sized loudspeakers for greater punch and improved transparency in the bass and midrange of smaller loudspeakers

Made in Germany











<b>POWERMATE</b>
600-3

**POWERMATE** 1000-3

**POWERMATE** 1600-3

**POWERMATE** 2200-3

MAX OUTPUT POWER (IHF-A) @40HM	2 x 1250 W			
CHANNELS (Mono + Stereo)	4 + 4	6 + 4	12 + 4	18 + 4
MIC CHANNELS	6	10	16	22
AUX SEND / MONITOR / FX SENDS	1/1/1		2/2/2	
DIGITAL AUDIO INTERFACE	4 x 4 USB 2.0, 44,1 / 48 / 88,2 / 96 kHz			
MASTER EQ	9-band 11-band			
EFFECTS EFFECTS PRESETS / REMOTE CONTROL		100 factory + 20 us	er / Footswitch + MIDI	
ECHO / REVERB / HALLS, PLATE / ECHO / DELAY / FLANGER / CHORUS / DOUBLING	⊗	<b>⊗</b>	⊗	<b>⊗</b>
SPEAKER PROTECTION ADJUSTABLE RMS LIMITER (against speaker thermal overload)	⊗	⊗	$\otimes$	<b>⊗</b>
WEIGHT [KG]	5,8	9,5	12	14,5
DIMENSIONS (WXHXD) [MM]	416,9 x 109,6 x 347,8	510,5 x 155 x 498,5	663,5 x 155 x 498.5	818 x 155 x 498,5

# **CMS - Compact Mixing System**



DERIVED FROM THE ICONIC POWERMATE, DYNACORD'S COMPACT MIXING SYSTEM CONSOLES PRESENT THE PEAK IN THEIR SEGMENT BY VIRTUE OF AUDIO QUALITY, COMPONENTS AND FEATURES.

By integrating a high-quality analog mixer with finest digital 24/48-bit studiograde effect processors, the CMS series represent the preferred solution for a large number of demanding profesisonal audio applications. Offering all the level of quality, the larger CMS 1000, 1600 and 2200 offer the full feature set, while the CMS 600 has been optimized for size.

#### **Main Features**

High-Quality FX processors, editable with 100 factory and 20 user presets

Professional 4x4 24-bit/96kHz USB interface, recording software and MIDI interface for FX control

Stereo EQ for the main mix

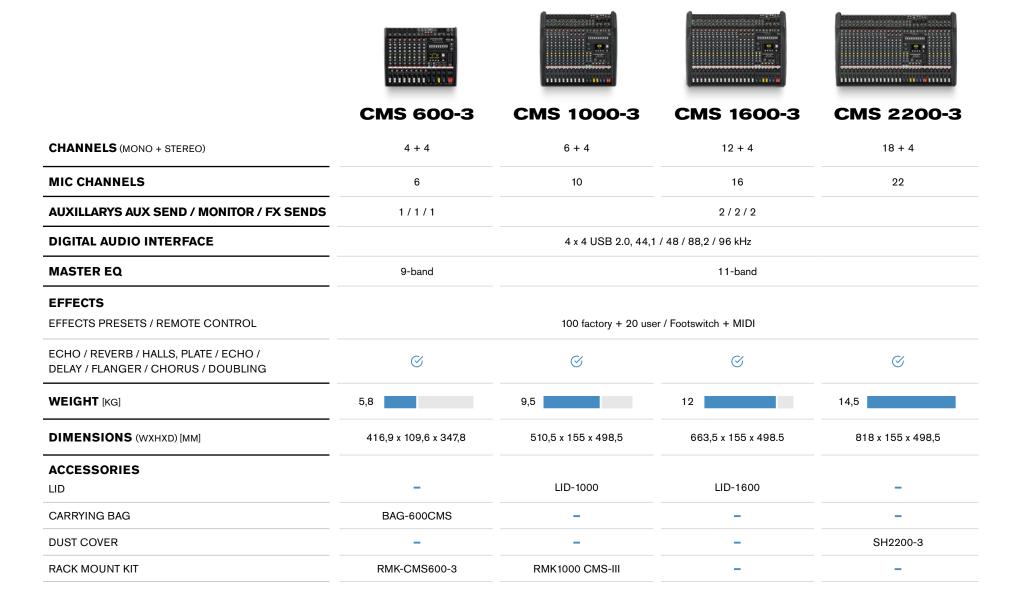
First-class components (e.g. ALPS faders and potentiometers)

Large, contrast rich OLED display

Lightweight and compact package

Made in Germany





# **PM 502**

PM 502 COMBINES FINEST ANALOG INPUT CIRCUITRY AND OPERATING SURFACE WITH THE ADVANTAGES OF A DIGITAL MASTER AND AMPLIFIER SECTION MAKING FOR A NEW DIMENSION OF FLEXIBILITY IN ITS CLASS.

The acoustical performance meets everything that you have come to expect from a quality Dynacord product. The input structure, along with the entire feature package and connectivity, positions this mixer at the heart of many installations ranging from Bistros, small clubs, boutiques, hotel bars to churches, mosques and a wide range of similar applications. Further, the PM 502 is an extremely versatile tool for a multitude of live applications.



#### **Main Features**

5 low noise / high gain MIC / LINE channels

3 Stereo Channels (Jack, RCA, USB)

Switchable 48V phantom power

Onboard MP3-Media-Player (USB Type A at the front)

Onboard HQ 48bit Effects Section with 32 editable Presets (PowerMate Algorithms)

All Master outs featuring individual 7 band graphic EQ

Onboard 2 x 450W RMS / 2 x 600W Program (40hm) Class-D power amplifier switchable to 100V (mono) operation

LPN processing for small to medium-sized loudspeakers for greater punch and improved transparency in the bass and midrange of smaller loudspeakers



#### PM 502

2 x 640 W / 100 V Direct Drive = 680 W
5 + 3
5
1/1
MP3, WAV / 2 x 2 USB 2.0
7-band
32
Footswitch
$\otimes$
4,9
395 x 244 x 241
RMK-502

#### HEADQUARTER ADDRESSES

#### **NORTH AMERICA GLOBAL HQ**

Bosch Security Systems, Inc. Burnsville, MN +1-952-884-4051

#### **EUROPE REGIONAL HQ**

Bosch Sicherheitssysteme GmbH (EVI Audio GmbH) Straubing, Germany +49 9421 706-0

#### LATIN AMERICA REGIONAL HQ

Robert Bosch, Limitada Security Systems Campinas, SP, Brasil +55 19 2103-4282

#### **ASIA PACIFIC REGIONAL HQ**

Robert Bosch (SEA) Pte Ltd Singapore +65 6571 2808

#### **CHINA REGIONAL HQ**

Bosch (Shanghai) Security Systems Ltd. IBP, Changning District Shanghai, P.R. China 400-8310-669