PROFESSIONAL AUDIO ENGINEERING

AMPLIFIERS
DIGITAL AUDIO MATRIX
SOFTWARE
MIXERS







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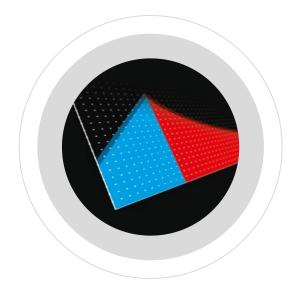
sound quality without compromise is in our dna

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.





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

In low-z mode drive each channel with output power from 100W to the maximum amp output across the complete impedance range

FIR drive

Finite Impulse Response Filter (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 Electro-Voice portable and install loudspeakers







Maximizes output power and reduces idle power

Complete digital monitoring and control

Wide range input for maximum flexibility

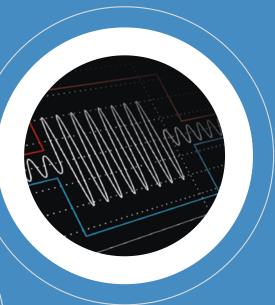
Highest reliability thanks to Dynacord's protection algorithms

junction temperature modelling

Overheat component protection by constant temperature modelling

Ensures maximum output power

Provides highest operational reliability



eco rail 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





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Series	PCL	DSA (2-channel)	C Series	DSA (4-/8-channel)	IPX
APPLICATION	Install	Install	Install	Install	Install
IN-/OUTPUT CONNECTORS	Euroblock	Euroblock	Euroblock	Euroblock	Euroblock
AMPLIFIER CHANNELS	1,2,4	2	2	4,8	4,8
MAX OUTPUT POWER PER CHANNEL (IHF-A) @40HM	150-560 W	660-1800 W	650-1800 W	450-900 W	1250-5000 W
70/100 V	⊗	-	⊗	⊗	⊗
DIGITAL SIGNAL PROCESSING	-	-	⊗	_	⊗ ⊗
SYSTEM REMOTE CONTROL	-		⊗	⊗ *	⊗
OMNEO (DANTE & OCA)	-	_	-	-/-	\otimes
CONTROL PORT (GPIO)	-	⊗	⊗	\otimes	\otimes
WARRANTY		3 уе	ears		5 years

^{*} optional with accessories

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 suite



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

Eco Rail 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





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	IPX5:4	IPX10:4	IPX10:8	IPX20:4		
CHANNELS	4	4	8	4		
MAX OUTPUT POWER PER CHANNEL (IHF-A) @40HM*	1250 W	2500 W	1250 W	5000 W		
BRIDGING / PARALLEL	⊗/⊗	⊗/⊗	⊗/⊗	-/⊗		
70/100/140**/200** V OUTPUT POWER	1250 / 1250 / 2500 / 2500 W	2500 / 2500 / 5000 / 5000 W	1250 / 1250 / 2500 / 2500 W	3550 / 5000 / 5000 W / -		
SIGNAL TO NOISE RATIO (A-WEIGHTED)	115 dB	115 dB	115 dB	118 dB		
AUDIO INPUT	analog (euroblock), Dante					
SAMPLING RATE	96 kHz ***					
DIGITAL SIGNAL PROCESSING	User-EQ: 12 filters per channel, selectable as PEQ, Lo-Shelv, Hi-Shelv, Lo-ShelvQ, Hi-Pass, Lo-Pass and Notch; 2 filters of them withadditional asymmetric filter type User Delay: 0 to 2000 ms per channel (units: µs, ms, s, cm, m, inches, feet) Array EQ: 5 filters per channel, selectable as PEQ, Lo-Shelv, Hi-Shelv, Lo-ShelvQ, Hi-Pass, Lo-Pass, and All-Pass Array Delay: 0 to 500 ms per channel (units: µs, ms, s, cm, m, inches, feet) Speaker EQ: 10 filters per channel, selectable as PEQ, Lo-Shelv, Hi-Pass, Lo-Pass, and All-Pass Speaker X-Over: Hi-Pass and Lo-Pass per channel, 6/12/18/24/30/36/42/48 dB Bessel/Butterworth, 12/24/48 dB Linkwitz-Riley; Alignment Delay, 0 to 20 ms per channel Speaker FIR: up to 1025 taps, Linear Phase Filter, Linear Phase Brickwall X-Over Speaker Limiters: Peak Anticipation Limiter and RMS/TEMP Limiter per channel Other: Source Selection and Mix, Level, Mute, Polarity, Sine and Noise Generator, Level Meters, Impedance Measurement, and Load Monitoring					
PROTECTION	Audio Limiters, High Temperature, DC, HF, Short Circuit, Back-EMF, Peak Current Limiters, Inrush Current Limiters, Turn-on Delay, Mains Circuit Breaker Protection, Mains Over-/Undervoltage Protection					
CONTROL PORTS (GPIO) IN / OUT	3					
SYSTEM REMOTE CONTROL	SONICUE, IRIS-Net (Dante, OCA/AES70)					
WEIGHT [KG]	14,3	15	16,8	18,3		
DIMENSIONS (WXHXD) [MM]	483 x 88.1 x 514.2					
ARTICLE CODE	IPX 5:4	IPX 10:4	IPX 10:8	IPX 20:4		
ACCESSORIES	PD32-EU Power distro 3x32A, PCO32A16-EU Power cord 2m, PCO32A16-UK Power cord 2m, DC-RMK15 RMK-15 rack mount kit					

^{*} all channels driven ** bridge mode

^{***} switchable to 48kHZ

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 4Ω , 8Ω or 70V or 100V without an output transformer

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

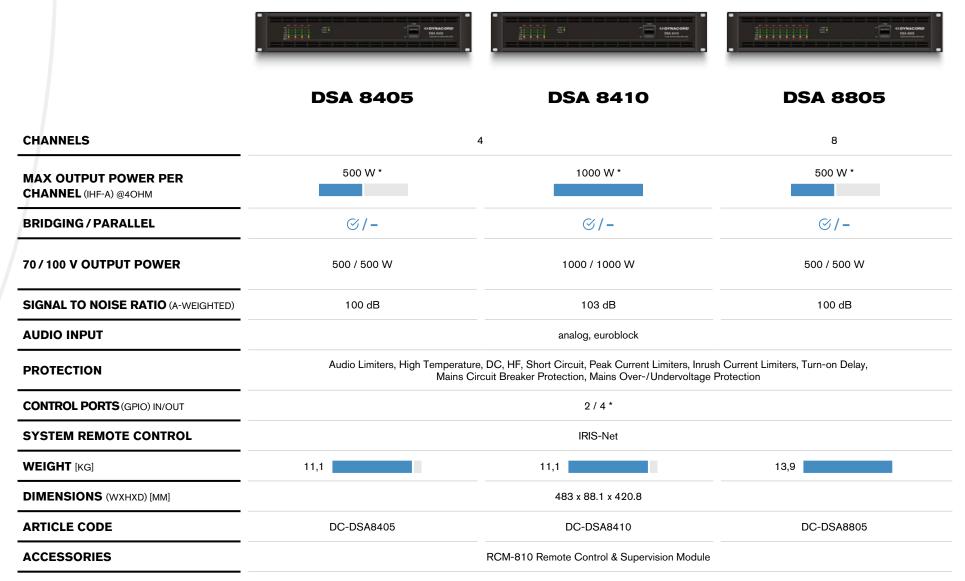
Soft start circuit compensates mains inrush current peaks and thus prevents triggering AC mains fuse when switching on the amplifier

Loudspeakers are protected by Turn-on Delay relays

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







^{*} max midband output power

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

Dynacord's Multi Amplifier Remote Control (MARC) software allows full configuration, control, and supervision of sound systems with multiple amplifiers. It offers multi-device control via PC-based GUI for configuration and system tuning of up to 16 amplifier channels, flexible control options and FIR presets. The software is provided free of charge and can be downloaded on Dynacord's website



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

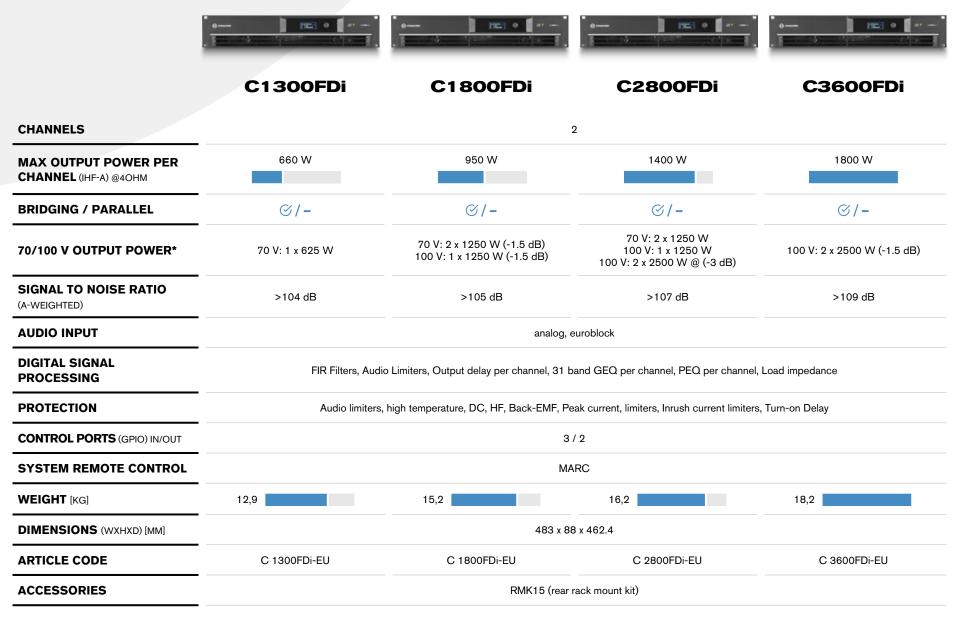
FIR-Drive combines technologies to create a sophisticated loudspeaker correction and protection system yielding a level of unparalleled performance

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







^{*} 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







^{*} only when RCM-810 module is applied



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

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













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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) @4OHM	650-1800 W	650-1800 W	2500-5000 W
DIGITAL SIGNAL PROCESSING	-	⊗	⊗⊗
SYSTEM REMOTE CONTROL	-	\otimes	\otimes
OMNEO (DANTE & OCA)	-	-	\otimes
CONTROL PORT (GPIO)	-	-	\otimes
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

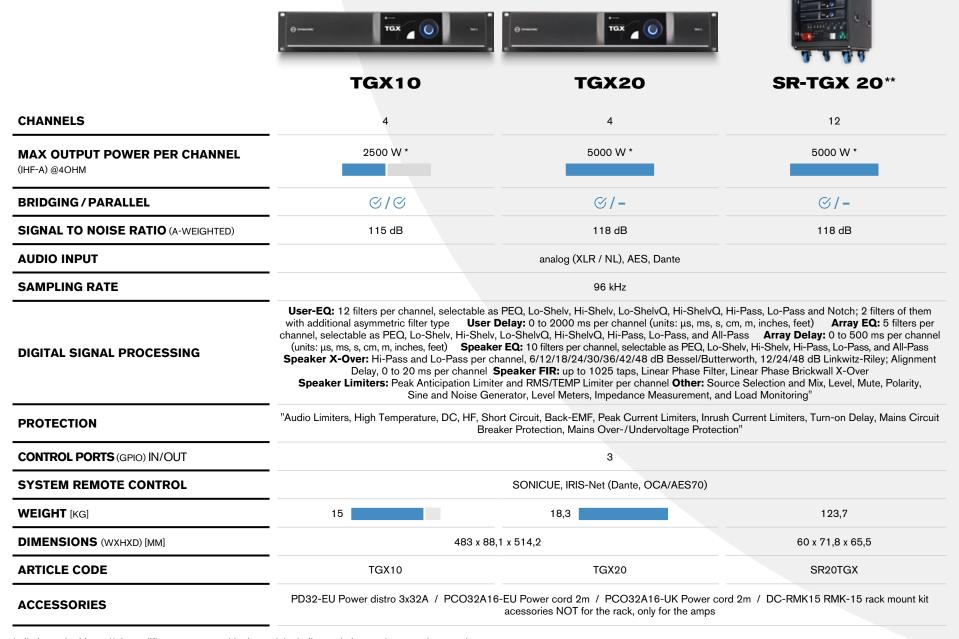
Integrated networking with proven Dante Audio and OCA / AES 70 remote control

Reliable voltage handling

Uncompromising stability down to 2 ohms







^{*} all channels driven ** 3 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

Dynacord's Multi Amplifier Remote Control (MARC) software allows full configuration, control, and supervision of sound systems with up to eight amplifiers in one project

PC-based GUI for configuration and system tuning of up to 16 amplifier channels, flexible control options and FIR-Drive speaker settings

The software is provided free of charge and can be downloaded from Dynacord's website



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

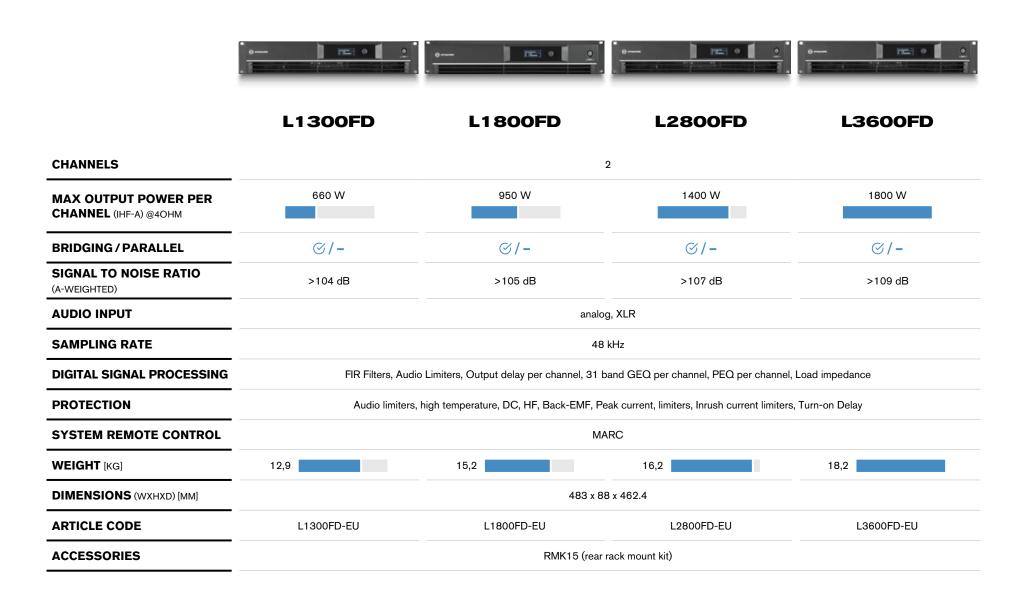
Intuitive, powerful control software makes configuration and real time control easy – up to 16 amp channels can be controlled and monitored simultaneously

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







Digital Audio Matrix Integration, Flexibility and Performance In today's world, more and more applications involve a diversity of analog, digital and networked audio connectivity and control. Dynacord's digital audio matrix allows for field level customization of professional sound to nearly any application. Wether mixing input signals, routing and control of audio signals to multiple speakers & 2, 3 or 4-way speaker systems or adding sophisticated signal processing; Dynacord

DSP mixing controllers offer the maximum in integration,

flexibility and performance.





P 64

APPLICATION	Install / Live
IN-/OUTPUT CONNECTORS	Euroblock
CHANNELS	32 x 32
SYSTEM REMOTE CONTROL	IRIS-Net via Can-Bus or Ethernet
AUDIO INPUTS / OUTPUTS	modular in blocks of 8 channels
NETWORKED AUDIO	Cobranet, Dante
WARRANTY	3 years

P 64

THE P 64 DIGITAL AUDIO MATRIX MANAGER IS A MODULAR, NETWORK-COMPATIBLE AND FREELY CONFIGURABLE AUDIO SYSTEM CONTROLLER THAT ALLOWS DESIGNING COMPLETE SYSTEM SOLUTIONS.

In the DSP, any structures with up to 32 audio channels are freely configurable. This is possible by the wide variety of different DSP blocks available, such as mixer, matrix, dynamics, crossover, EQ, and even FIR filters. The processing power of the DSP can be further increased with extension cards and several P 64 devices can be interconnected via a CobraNet network, which allows operation and supervision of even the largest decentralized audio systems.

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

Expandable DSP processing power up to 1800 MIPS

4 audio slots per P64 can be equipped with 8 channel audio input or output-cards to meet customized requirements

The P 64 includes integrated selfmonitoring and supports spare/ redundancy concepts in security-relevant systems. Complete recall of stored parameters and configurations is possible





	P 64				
CHANNELS	32 x 32				
SIGNAL TO NOISE RATIO (A-WEIGHTED)	>115 dB				
AUDIO INPUT / OUTPUT	modular: analog mic/line, AES3, Dante				
SAMPLING RATE	48 kHz				
DIGITAL SIGNAL PROCESSING	Free configurable auto-compiling DSP engine with up to 1800 MIPS processing power [2 DSPs Standard (150 MHz, 300 MIPS), 1 DSP per Audio Module (100 MHz, 100 MIPS), optional DSP-1 Extension Module (+300 MIPS), or optional DSP-2 Extension Module (+1500MIPS). Large range of DSP filters, EQ, dynamics, delays, matrixes, mixers.				
REMOTE CONTROL SOFTWARE	IRIS-Net, for free configuration, operation and supervision. Task engine, scheduler, system integration with remote controlled amplifiers				
CONTROL PORTS IN / OUT	4 Control Inputs (analog 0-10 V / logic control), 3 Control Outputs (Relay contact to ground), 1 Fault Output (NC Relay contact), 2 Reference Outputs (+10 V, 200 mA/GND), 4 GPIO, 4 Relay outs, 2 RS-232 ports				
SYSTEM REMOTE CONTROL	IRIS-Net				
WEIGHT [KG]	7,35				
DIMENSIONS (WXHXD) [MM]	483 x 88.1 x 381				
ARTICLE CODE	DC-P64				
MODULES AND EXTENSION CARDS	DSP-1 P64 DSP Extension Module, 300 MIPS				
	DSP-2 P64 DSP Extension Module, 1500 MIPS				
	Al-1 P64 8 channel analog Input Module, 117dB dynamic range				
	AO-1 P64 8 channel analog Output Module, 118dB dynamic range				
	DI-1 P64 8 channel AES3 Digital Input Module,				
	DO-1 P64 8 channel AES3 Digital Output Module				
	MI-1 P64 8 channel Microphone Input Module, line pad, 48V phantom power				
	CM-1 P64 Cobranet Module, 32 x 32				
	OM-1 OMNEO / Dante Interface Module, 32 x 32 at 48kHz, 2 interfaces for redundancy				





SONICUE

SOUND SYSTEM SOFTWARE

New, smooth way of working with OCA (AES70) controlled sound systems (TGX-, IPX- and RCM28 equipped amplifiers).

Intuitive guided workflow to design, control and supervise small to large sound systems

Work from the "speaker view" of the system

Integrated system visibility and direct access – see parameters system wide and edit if required

Dedicated interaction design with time saving fly-out interaction

Designed for third party plug-ins and interfaces with surrounding software

SONICUE is a new, smooth way of working with OCA(AES70) controlled sound systems.

IRIS-Net

INTEGRATED SOFTWARE PLAT-FORM FOR REMOTE CONTROLL-ABLE DEVICES & SYSTEMS

Full system integration

Complete system monitoring and supervision

Custom user interfaces

Interface control and user access permissions

The configuration of the amplifiers includes the loading of factory speaker settings, including FIR-Drive settings with TEMP limiters.

IRIS-Net supports Ethernet, CobraNet, CAN bus and USB as well as OMNEO, Dante and AES70 (OCA), and is open for future standards.

MARC

MULTI AMPLIFIER REMOTE CONTROL SOFTWARE

Intuitive system control to design, operate and supervise up to eight L series and/or C series amplifiers

Configurable control groups with GEQ, PEQ and Delay for real time system editing

System scene manager for easy store and recall of user presets

Complete offline system editing for offsite configuration

The configuration of the amplifiers includes the loading of factory speaker settings, including FIR-Drive settings with TEMP limiters.











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	up to 6	up to 6
DIGITAL AUDIO INTERFACE	\otimes	⊗	⊗
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 4Ω

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











POWERMATE
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 USE	3 2.0, 96 kHz		
MASTER EQ	9-band	band 11-band			
EFFECTS					
EFFECTS PRESETS / REMOTE CONTROL	100 factory + 20 user / Footswitch + MIDI				
ECHO / REVERB / HALLS, PLATE / ECHO / DELAY / FANGER / CHORUS / DOUBLING	\otimes	\otimes	⊗	8	
SPEAKER PROTECTION ADJUSTABLE RMS LIMITER (against speaker thermal overload)	⊗	\otimes	⊗	\otimes	
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	
ACCESSORIES					
GOOSENECK LAMP 4-POL	LitteLite	LitteLite	LitteLite	LitteLite	
FS 11 FOOT SWITCH	FS 11	FS 11	FS 11	FS 11	

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 studio-grade 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











	CMS 600-3	CMS 1000-3	CMS 1600-3	CMS 2200-3
CHANNELS (MONO + STEREO)	4 + 4	6 + 4	12 + 4	18 + 4
MIC CHANNELS	6	10	16	22
AUXILLARYS AUX SEND / MONITOR / FX SENDS	1/1/1		2/2/2	
DIGITAL AUDIO INTERFACE		4 x 4 USB	2.0, 96 kHz	
MASTER EQ	9-band		11-band	
EFFECTS				
EFFECTS PRESETS / REMOTE CONTROL		100 factory + 20 use	er / Footswitch + MIDI	
ECHO / REVERB / HALLS, PLATE / ECHO / DELAY / FANGER / CHORUS / DOUBLING	Ø	\otimes	⊗	©
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
ACCESSORIES				
LID	-	⊘ LID-1000	⊘ LID-1600	-
CARRYING BAG	⊗ BAG-600CMS	_	_	_
DUST COVER	_	-	_	⊗ SH2200-3
RACK MOUNT KI T	⊗ RMK-CMS600-3	✓ RMK1000 CMS-III	_	_
GOOSENECK LAMP 4-POL				
FS 11 FOOT SWITCH			─────────────────────────────────────	─────────────────────────────────────

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

MAX OUTPUT POWER (IHF-A) @4OHM	2 x 640 W / 100 V Direct Drive = 680 W	
CHANNELS (MONO + STEREO)	5 + 3	
MIC CHANNELS	5	
AUX SENDS: MONITOR / FX	1/1	
DIGITAL AUDIO INTERFACE		
USB PLAYER	MP3, WAV / 2 x 2 USB 2.0	
MASTER EQ	7-band	
EFFECTS		
EFFECTS PRESETS	32	
REMOTE CONTROL	Footswitch	
ECHO / REVERB / ECHO / DELAY / CHORUS	<u> </u>	
WEIGHT [KG]	4,9	
DIMENSIONS (WXHXD) [MM]	395 x 244 x 241	
ACCESSORIES		
RACK MOUNT KIT	RMK-502	
FS 11 FOOT SWITCH	FS 11	

The Dynacord loudspeakers many know and love match perfectly with the new Dynacord electronics. For the ultimate Dynacord-branded system, combine the Cobra compact line array system with TGX amplifiers, XA2 with TGX or L Series amplifiers or Variline with TGX or L Series. Contact your local distributor for more combination possibilities.

TAKE THE NEXT STEP...

Over the last years, Dynacord has introduced groundbreaking amplifiers to the global market along with innovative new software. This portfolio focus on electronics will continue for Dynacord while Electro-Voice (Dynacord's sibling brand) will focus on the development of loudspeakers and microphones. A shared DNA of engineering excellence and technology innovation will ensure products from both brands are best-in-class.

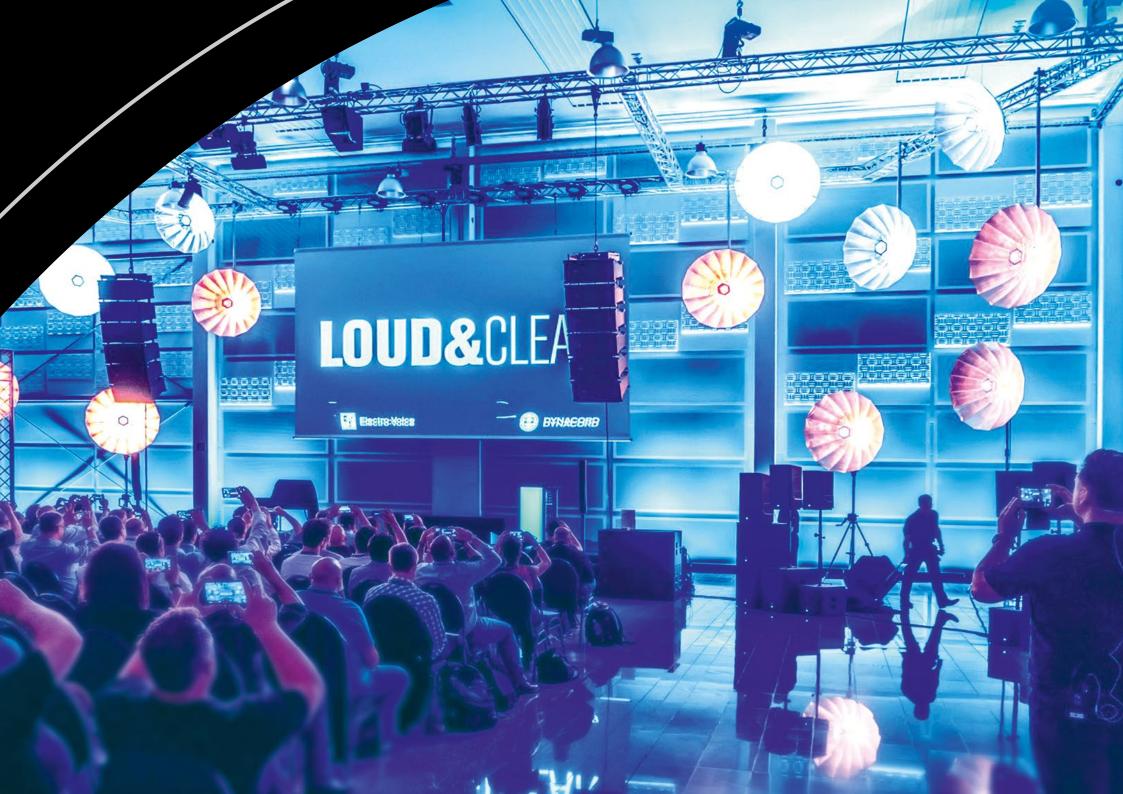
So take the next step with us as we continue on our promise to deliver the best audio solutions for whatever application you require.











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