



Cultural & Tourism, Education, Hospitality, Commercial Complexes, and Business Conferences...

Artist

Where Commercial Meets Professional



Project Customization



EASE & EASE Focus Acoustic Simulation



Network Control



Digital Signal Transmission



Zero-latency Backup Seamless Switching



FIR Filter Technology



High-Sample-Rate Audio Processing



Seamless Compatibility with PCs / Tablets / Mobiles



Waterproof Rating IP54



ARTIST Family

More than sound, it delivers spatial artistry and system-level value.

Joan La Roda

Chief R&D Director, AUDIOCENTER

**Crafting Acoustic Art Engineering for Every Significant Space
— Built to Endure Time and Standards.**

Where It Counts
Image & Strength

Sports arenas, performing arts centers, conference facilities, campuses, commercial complexes, cultural destinations. In these defining spaces, ARTIST represents more than acoustic performance. It represents the build quality, spatial presence, and professional standing behind every successful project.



Solution Positioning
Premium Custom Integration

AUDIOCENTER delivers integrated audio system solutions engineered exclusively for high-end fixed-installation projects worldwide. Driven by project requirements — not assembled from mismatched equipment. Offering more than sound: spatial artistry and system-level value.



Core Commitment
Lifecycle Stability

AUDIOCENTER delivers complete audio systems — deployable, verifiable, and engineered for long-term stable operation. Crafting acoustic art engineering for every significant space, built to endure time and standards.



AUDIOCENTER

30 Years of Acoustic Mastery

An international acoustic brand integrating R&D, manufacturing, system solutions, and technical service — with global project experience across installations worldwide. Three decades of focus, built for professionals.



6 Core Demands of the Fixed-Installation Market

Years of deep engagement in the fixed-installation market have given AUDIOCENTER a profound understanding of what matters most to government and enterprise projects, cultural venues, educational halls, hotel conference facilities, sports arenas, and tourism developments.



Artist Built for What the Market Demands

More than a product line, this is AUDIOCENTER's **strategic response**.

- 🧠 Complete systems, not mixed-brand assemblies.
- 🧠 Standardized solutions, not improvised setups.
- 🧠 Partnership value, not one-time transactions.

Designer Series

Core Positioning: Professional sound reinforcement for large-scale venues

Applications: Theatres, auditoriums, arts and cultural centers, stadiums, large lecture halls, premium conference centers, ballrooms, live performance venues, and multi-purpose halls. For mission-critical projects where sound quality, system reliability, and complete coverage are non-negotiable.

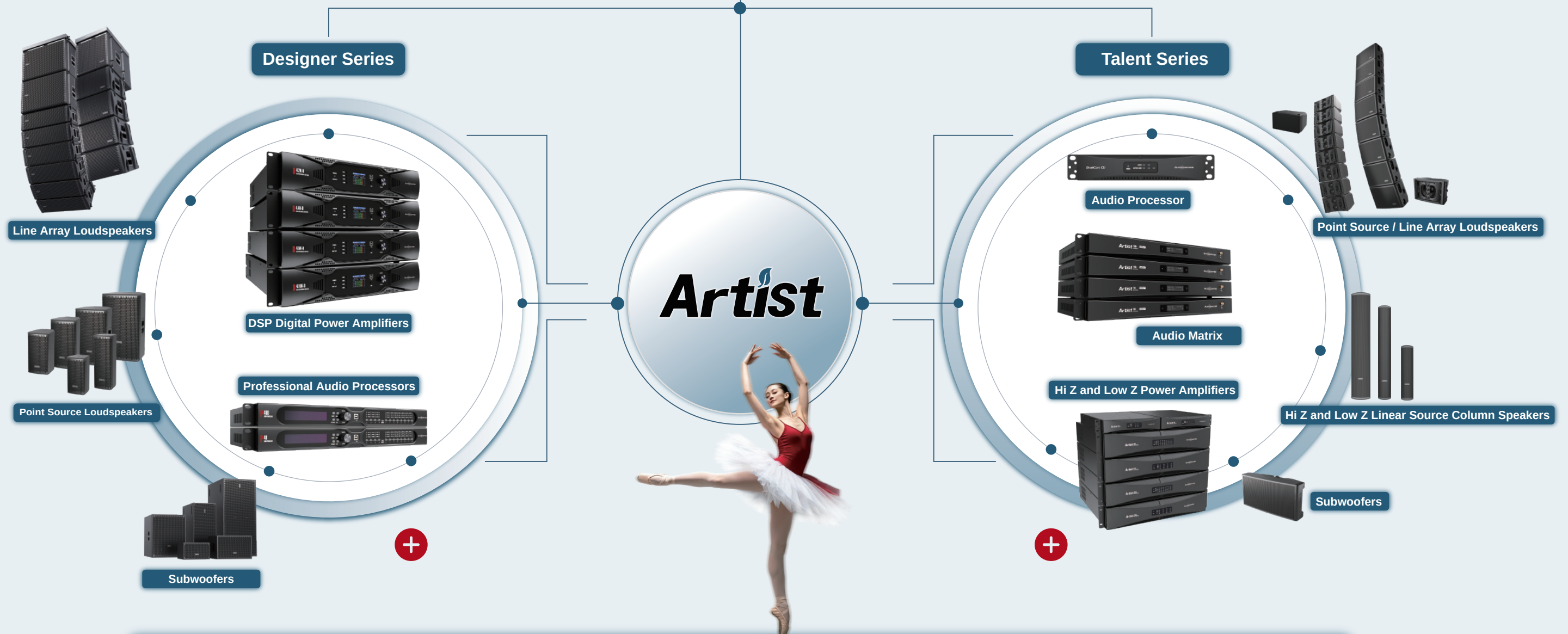


Software

Talent Series

Core Positioning: Versatile plug-and-play installation system for small-to-medium spaces

Applications: meeting rooms, multimedia classrooms, training rooms; hotel guest rooms, corridors, small-to-medium banquet halls; restaurants, lounge bars, cafes; churches, community centers, exhibition halls, retail stores. Installations requiring hi Z and low Z compatibility with remote system management.



Complete systems, not mixed-brand assemblies. | Full-scenario coverage. End-to-end acoustic solutions.

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Where Commercial Meets Professional

Artist Professional Audio System Solutions leverage over 20 years of Audiocenter's research and application experience, seamlessly blending spatial art, cutting-edge technology, and acoustic design. This integration results in a one-stop audio system solution that meets diverse application needs with both aesthetic and acoustic consistency.

Artist Professional Audio System Solutions comprehensively address a wide range of application requirements. By avoiding the tonal inconsistencies that arise from mismatched products across different brands, these solutions ensure optimized system configuration. This not only effectively reduces the total project cost but also gives you a competitive edge in project operations. Additionally, it guarantees consistency in both image and performance.



CORE PHILOSOPHIES

Redefining the Future of
Fixed - Installation Audio System Integration Solutions

I Flexibility and Customization

Combining acoustic simulation with modular design to meet the acoustic needs of multiple scenarios, achieving precise sound coverage and flexible expansion.

II Aesthetic Design

The design seamlessly integrates with its surroundings, and the audio performance is perfectly synchronized with the visual elements, creating an immersive experience where sound is felt but the speakers remain invisible.

III Quality

Crafted from industrial-grade durable materials and rigorously tested to meet the IP54 rating, Artist equipment is designed to ensure stability and durability for up to 10 years. It is well-suited for use in dusty, humid, and other complex environments.

IV Risk Management

Our approach includes pre-simulation and safety certification, with comprehensive risk management throughout the entire process, ensuring predictable and reliable project investment returns.

V Environmental Protection

Utilizing RoHS - compliant plastic parts and energy - efficient Class D amplifiers (35% lower power consumption, standby power consumption less than 1W), with 92% of materials recyclable and FSC - certified packaging for a full - life - cycle carbon reduction, supporting green certification initiatives.

VI Smart Control

Network - enabled, compatible with multi - terminal operation via computer/ tablet/ smartphone, allowing remote real - time monitoring and adjustment of audio equipment. It also supports centralized network management and maintenance of multiple devices, simplifying installation, reducing costs, and ensuring convenient and efficient operation.

CORE TECHNOLOGIES

- Top-tier German R&D Team
- Refined Product Technical Solutions
- Full-Solution Customization and Efficient Implementation
- Winning with Craftsmanship and Delivering Professional Value



EASE® and EASE FOCUS®
Acoustic Simulation



Project Customization
German Craftsmanship



Network Control



Waterproof Rating IP54



Ultra-Fast Digital
Signal Transmission



Zero - latency Backup
Seamless Switching



96
kHz
High-Sample-Rate
Audio Processing



Seamless Compatibility with
PCs/Tablets/Mobiles

Audiocenter | Leader in Professional Audio System Solutions for 30 Years

Focus on Fixed Installation and System Integration: Driving the upgrade of auditory experience through technological innovation



REDEFINE YOUR EXPECTATIONS

■ System Architecture

- **Modular Design:** Modular design for flexible expansion to fit all scenarios.
- **Scalability:** Our system is designed to scale from small conference rooms to sports stadiums, meeting current needs and supporting future technological upgrades for 5-10 years.
- **Long-term Investment Protection:** Ensures long-term investment effectiveness by avoiding the need for repeated construction, ensuring **your** investment remains valuable over time.

■ Product Design

- **Form Follows Function:** This principle is a key element of our research and development process.
- **Aerospace - grade materials + patented acoustic structure:** Striking a balance between pure sound quality and aesthetic appearance.
- **Over 1000 hours of full - load testing for products:** Our products lead the industry in durability, ensuring long-term performance.

■ Installation and Commissioning

- **Plug - and - Play Architecture:** The plug - and - play architecture simplifies the installation process, making it future - proof.
- **On - site Acoustic Optimization:** Our professional teams perform on - site acoustic optimization, achieving sound pressure level uniformity of over 95% and a coverage error of less than dB2.
- **Consistent Auditory Experience:** We guarantee a uniform listening experience throughout the venue, ensuring high - quality sound in every corner.

■ Applications

- **Diverse Environments:** Stadiums, theaters, educational facilities, conference halls, religious venues, and other fixed-installation sites. We provide forward-thinking tailored solutions for these diverse environments.
- **Custom - made Solutions:** Our solutions are designed to meet a wide range of needs, including speeches, emergency broadcasting, and live performances, ensuring future-proof performance.

■ International Technical Support for Projects

- **Full - process Support:** Our International Technical Support Team, with over 20 years of experience, offers comprehensive support throughout the project lifecycle, ensuring seamless execution at every stage.
- **Precision Control:** From acoustic simulation (EASE GLL) to intelligent commissioning, we provide precise control over each link in the process, ensuring accurate management.
- **Complementary Project Management Consulting:** Our consulting services guarantee error - free delivery, ensuring your project is completed successfully and on time.

■ Qualifications and Technical Documentation

- **Comprehensive Documentation:** Acoustic design reports, safety certifications, load calculation documents, and other professional documentation are provided to support project planning and acceptance.
- **Data - driven Support:** Our forward -, thinking data - driven approach reduces decision - making cycles by 30%, ensuring your project stays on track and on time.

■ Safety

- **Military - level Testing:** Our equipment is tested to dozens of military - level standards, including IP54 dust and waterproofing - proofing, MIL- STD - 810G shock resistance, and more, ensuring its robustness and reliability for future - proof performance.
- **Suspension System Load - bearing Tests:** Our suspension system load - bearing tests exceed international standards, ensuring safe and reliable operation in extreme environments.

■ Cost - effectiveness

- **Modular Design:** The modular design reduces initial costs by 30%, providing immediate cost - effectiveness and future - proof savings.
- **Superior Quality:** The superior quality of Audiocenter helps you save on maintenance and operation costs, ensuring long - term cost - effectiveness and performance.
- **Full - life - cycle Costs:** Full - life - cycle costs are 25% lower than traditional solutions, resulting in an ROI increase of over 20%, ensuring your investment remains valuable over time.



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Application Cases



Yaxi Ancient Village, Quannan, Jiangxi

A thousand-year-old ancient village and national 4A-level scenic spot. Centered on Hakka enclosed house culture and ancient landscape architecture, it builds a cultural tourism destination integrating intangible cultural heritage shows, live performances and immersive soundscape.



Luxury Cruise Chutian Yangtze River Myth

Super five-star luxury cruise sailing along the Yangtze Three Gorges. Featuring all-suite design, premium leisure facilities and immersive entertainment experience. Equipped with multi-function hall, cinema, bar, restaurant and heated swimming pool. A mobile cultural tourism destination for tourism, conferences and performances.





Principe Felipe Sports Arena, Spain

Top-tier comprehensive indoor stadium in Europe, a Spanish sports landmark hosting international competitions, large-scale shows and public events.



Santo Niño Church, Tacloban City, Philippines

One of the largest churches under Tacloban and Palo Archdiocese, and a vital venue for local religious activities and believers gatherings. Adopting AUDIOCENTER compact line array speakers, the full-coverage sound reinforcement system delivers clear audio for worship services and large assemblies.



Istanbul Olympic Arena, Turkey

A landmark indoor cultural stadium in Istanbul with 3,500 seats. It hosts professional events including basketball and handball, and serves as a major venue for ceremonies, assemblies and cultural performances.



Xiashan Civic Activity Center Theatre

Comprehensive cultural venue serving local residents, ideal for artistic performances, conferences, forums and public events.





Isparta Trade and Culture Center, Turkey

Core cultural landmark of Isparta, a multi-functional conference center for international meetings, official briefings, forums and large-scale events.





Lodi Bowling Recreation Center, California, USA

Famous leisure sports venue in western California, an urban entertainment space combining bowling, recreation and social gatherings.





Singapore International School Bangkok, Thailand





Hard Rock Cafe Honolulu, Hawaii, USA

World-renowned music cultural landmark with immersive rock atmosphere. Focusing on live performances, it blends catering, leisure and trendy social activities.



Where Commercial Meets Professional

Contents

Electronics and Software	18
Professional Services	20
Designer Series	21
D Series DSP Digital Power Amplifiers P48D / P48 Professional Audio Processors DSL Series Line Array Loudspeakers DS Series Point Source Loudspeakers Subwoofers	
Talent Series	32
Audio Matrix Audio Processor Hi Z and Low Z Power Amplifiers Point Source / Line Array Loudspeakers Hi Z and Low Z Linear Source Column Speakers Subwoofers	
Sound System Configuration	51

Electronics and Software

Audiocenter's power amplifiers and processors offer cutting-edge solutions for professional audio installations, ensuring unparalleled performance, flexibility, and reliability. Designed specifically for the demands of fixed installations, these products provide precise control and robust power support for challenging acoustic environments.

Whether your project requires scalable amplifiers for large setups or precise control over complex acoustic environments, Audiocenter's amplifiers, processors, and BrainCore Net provide comprehensive solutions. Whether it's a theatre, conference center, or live event space, you can handle it with ease. Our amplifiers and processors not only deliver exceptional audio performance but also seamlessly integrate with other Audiocenter products for perfect system integration.



D Series
DSP Digital Power Amplifiers



P48D / P48
Professional Audio Processors



T88+/T16+/T16A+/T16D+
Audio Matrix



BrainCore CU
Audio Processor

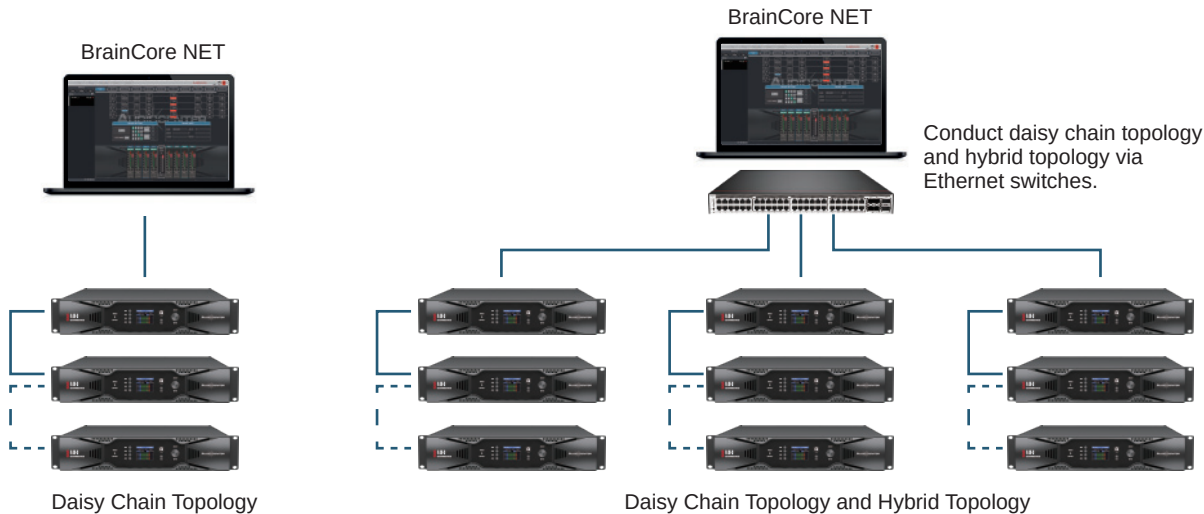
Network Control

The BrainCore NET network control system offers robust real - time control and monitoring capabilities for complex system designs, capable of managing up to 250 devices simultaneously.

Regardless of changes in the DSP topology or the number of devices, the BrainCore NET software provides a centralized working platform that greatly simplifies the construction process of DSP designs, making it easy to handle even the most complex DSP projects.

The system supports a variety of network topologies and is easy to configure, allowing system designers to flexibly choose the topology that best suits the needs of each project.

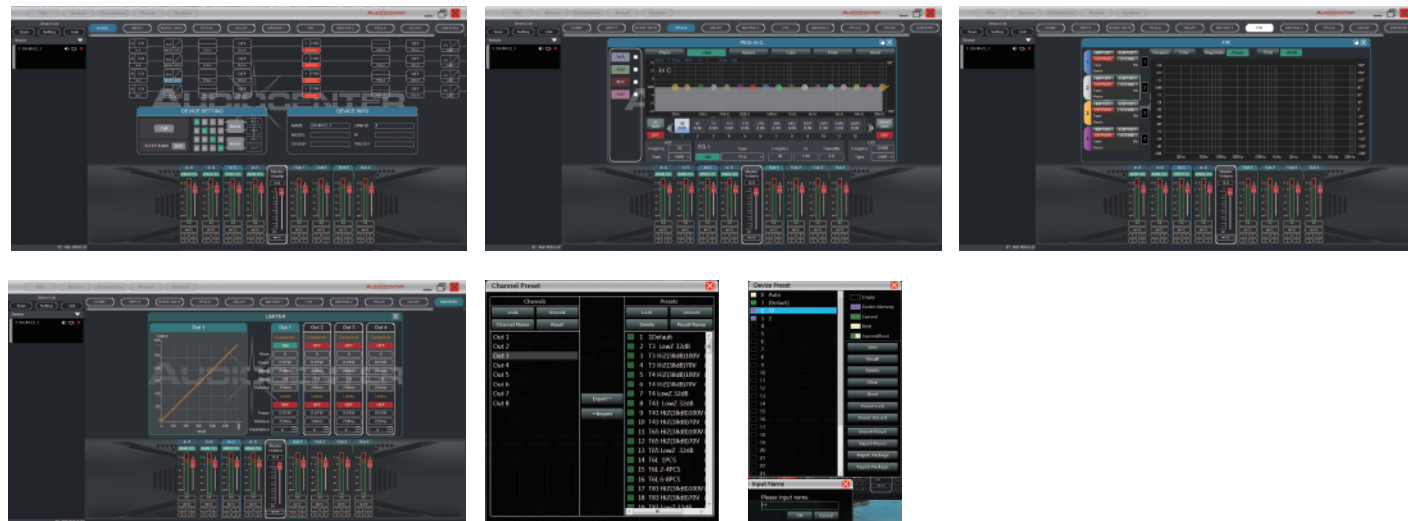
Audiocenter Dante-enabled devices integrate Dante network audio transmission and software network control connections on a single RJ45 port, delivering an all-in-one solution that enhances user convenience and efficiency.





Engineers in Audiocenter, with their in-depth expertise and years of research, have integrated advanced DSP processors into the electronic devices. This DSP digital power amplifier provides exceptional sound quality beyond traditional analog signal processing technology, bringing you an unprecedented audio experience.

The DSP processor is easy to set up, adjust, load, and recall, allowing users to easily load or recall their customized programs or use speaker presets offered by the factory.



■ Comprehensive EQ and Filter Options

Each channel is equipped with 15-band input EQ and 10-band output EQ, with a variety of EQ filter types to choose from. There are options of Butterworth, Bessel, Linkwitz and 6 ~ 48 dB/Oct for the high and low-pass crossovers.

■ Professional FIR Filters

Supports the import of third-party software and captures data through SMARTT testing, allowing users to edit personalized settings directly within the software and save them for use. It supports up to 4x2048 Taps, ensuring the precision of audio processing.

■ Limiter Management

The superior Limita™ processing technology offers precise digital processing, ensuring that the system can operate safely and reliably.

■ Preset Management

Channel preset management and system preset Users can easily call up the corresponding presets with one click to achieve satisfactory audio quality. This simplifies operations and enhances efficiency, allowing field application engineers to complete their tasks easily and efficiently.

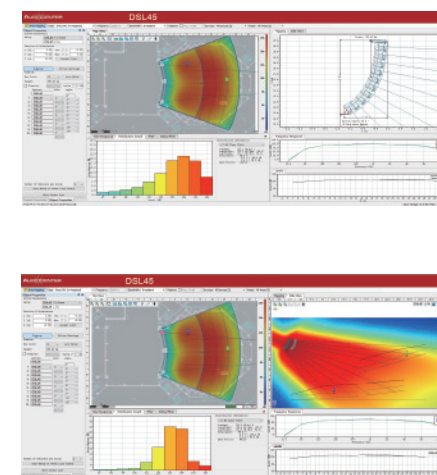
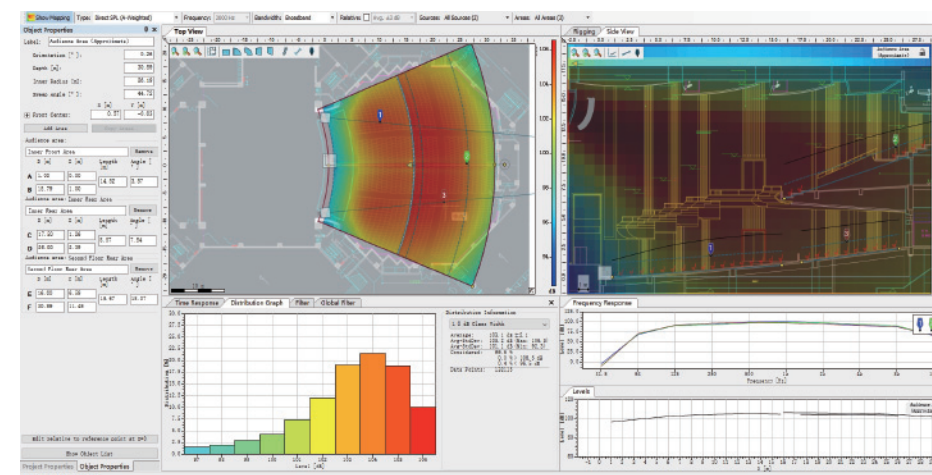
Professional Services

Audio System Planning, Design, Acoustic Simulation, Installation, Commissioning, and Technical Training

Our global team of professional application engineers brings deep expertise in loudspeaker solutions. Their mastery of EASE software enables them to pinpoint the requirements of diverse scenarios and deliver comprehensive audio system design services. From conducting site surveys to optimizing system commissioning, they craft bespoke, high - quality acoustic solutions tailored to each project.

Audiocenter provides professional installation guidance, streamlining the design and implementation of audio systems in fixed - installation settings. We blend precision with ease to ensure each project achieves exceptional acoustic performance, precisely tailored to the unique demands of each venue.

Our application engineers leverage industry - standard tools like EASE and EASE Focus for acoustic simulation. These robust programs accurately forecast sound coverage, speech clarity, and overall system performance, allowing us to design optimized audio systems for any space.



The technical service team is the driving force behind these services. This team, made up of solution designers, application engineers, system engineers, and technical evangelists, stays with the project from inception to completion, offering end - to - end support to our clients. When it comes to designing comprehensive system solutions, integrating products, installing and commissioning systems, monitoring usage, and conducting training, this team brings its expertise to bear, crafting tailored solutions that deliver top - notch audio performance.

On top of that, our planning support services assist in designing loudspeaker layouts, system configurations, and integration strategies. By taking a collaborative approach, we deliver customized solutions that cater to a wide range of venues, such as theaters, conference rooms, worship halls, and stadiums.

We merge cutting-edge simulation software with the expertise of our system integration team to ensure a streamlined and efficient process, helping planners and integrators attain exceptional audio outcomes.

We're excited about the prospect of partnering with you to add new value to your projects.

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Designer Series

- D Series DSP Digital Power Amplifiers
- P48D/P48 Professional Audio Processors
- DSL Series Line Array Loudspeakers
- DS Series Point Source Loudspeakers
- Subwoofers

DSP Digital
Power Amplifiers

D4.2K/D4.2K-D
D4.4K/D4.4K-D
D4.6K/D4.6K-D
D4.10K/D4.10K-D

Audio
Processors

P48D
P48

Line Array
Loudspeakers

DSL45
DSL115S
DSL28
DSL118S

Point Source
Loudspeakers

DS06
DS26
DS08
DS10
DS12
DS15

Subwoofers

DS108S
DS112S
DS212S
DS118S
DS218S



D Series

Four-Channel Digital Power Amplifier with built-in DSP

D Series is a four-channel digital power amplifier that integrates Class D power amplification technology with high-precision DSP digital signal processing, enhancing audio performance and ease of operation. It comes with IIR filter, FIR filter, and optional Dante network functionality for precise audio tuning and optimization.

Users can configure and control the amplifier rapidly via the display and USB interface on the front panel and the Ethernet. Thanks to its exceptional performance and user-friendly software interface, the D Series amplifier is the perfect choice for professional audio systems.

Highlights

- Integrated Design and Performance Maximization

The D Series is a four-channel digital DSP power amplifier that combines Class D power amplification technology with high-precision DSP. It greatly satisfies the parameter and performance requirements of audio systems and maximizes the performance of the equipment itself. Additionally, it simplifies the tuning and management processes of audio systems, enhancing the ease of operation and efficiency.
- Intelligent Audio System Management

Remote Monitoring and Control
With the D Series amplifier, users can remotely monitor and control the status of audio equipment, adjust settings in real-time, greatly enhancing the convenience and efficiency of monitoring.

Centralized Management and Maintenance
By centrally managing the audio system over the network and carrying out software updates, parameter configurations, and maintenance tasks altogether, the efficiency of operational maintenance can be significantly enhanced.

Simplified Installation and Cost Reduction
Transmitting audio signals via the network reduces reliance on traditional audio wiring, simplifying the installation process and reducing construction costs and complexity.
- High-Efficiency Class D Power Amplifier

The D Series utilizes Class D amplification technology, with an efficiency exceeding 90%, which significantly reduces energy loss during power conversion. This not only decreases heat generation but also lowers energy consumption while maintaining excellent sound quality.

The D Series is capable of stable operation in high-temperature environments up to 60°C and as low as -20°C in low-temperature conditions, with very high reliability and durability.
- Superior Manufacturing Craftwork

High-efficiency switching power supply technology for optimized energy conversion and efficient use
Comprehensive protection circuits ensure stable system operation and safety.
Compact size and light weight facilitate installation and deployment.
Modular design for easy maintenance and upgrades

High-Fidelity Sound Quality

Powerful DSP Processing

High-Resolution Conversion

With a 48kHz sampling rate and 24-bit quantization precision, it achieves very low noise and extended dynamic range.

Advanced Digital Processing

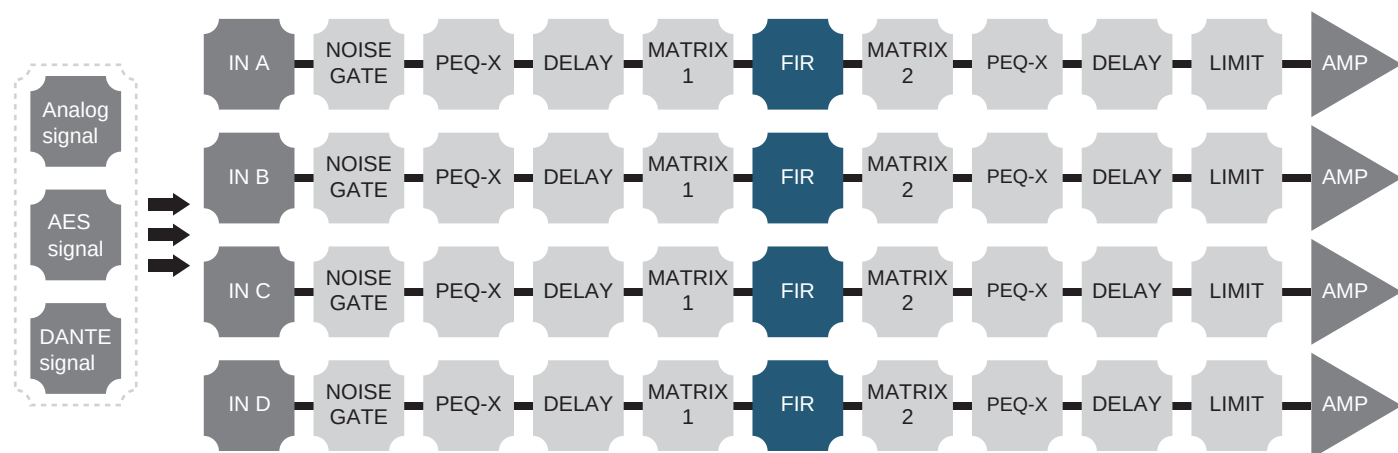
Equipped with the latest 32-bit floating-point digital processors, optimizing analog signal processing.

IIR Filters

Offering a variety of Bessel, Butterworth, Linkwitz-Riley filters, supporting high-pass, low-pass, and parametric equalization, easily achieving -48dB/octave adjustments and phase control.

FIR Filters

Enhancing the impact of audio, ensuring a more dynamic and impactful sound experience. Linear phase response retains the original transient characteristics of the audio signal, resulting in finer and more precise notes.



DSP processors, with their 48kHz sampling rate and 24-bit quantization precision, combined with IIR and FIR filter technologies, accurately generate linear phase curves, significantly improving pulse response quality.

This combination of technologies meets the needs of an ideal crossover, allowing sound engineers to accurately reproduce the perfect sound quality of speakers on-site, providing users with balanced, natural, transparent, and authentic auditory experiences.

Perfect Integration of BrainCore™ Technology

Perfectly integrating BrainCore™ technology, providing precise digital processing through superior Limita™ processing technology, ensuring the system operates safely and reliably.

AES Digital Audio Input

Supporting standard AES/EBU digital audio input, we offer customers a variety of widely recognized digital audio input solutions in the industry for high-quality audio transmission and precise control of audio equipment.

Dante Network Audio Transmission and Control

Integrating Dante network audio transmission and control technology, allowing for long-distance, high-precision audio signal transmission and control over Ethernet, ensuring stable and reliable sound quality.

Supports Dual Signals and Hot Backup, with Seamless Switching

Capable of handling both Dante digital and analog signals, it features automatic hot backup to ensure immediate and seamless switching in case of primary audio source failure, maintaining stable transmission. Users can easily manage backups, ensuring audio reliability.

High-Efficiency Class D Power Amplifier

The D Series utilizes Class D amplification technology, with an efficiency exceeding 90%, which significantly reduces energy loss during power conversion. This not only decreases heat generation but also lowers energy consumption while maintaining excellent sound quality.

Manufactured to German Precision Standards, Durable and Long-lasting

European R&D Design, German Standard Engineering

The power amplifier module and DSP module are designed by Audiocenter's R&D team in Europe and manufactured according to German standard engineering. The system operates stably and efficiently, ensuring high-quality audio output.

Comprehensive Protection Circuits

The D Series is equipped with comprehensive protection circuits, including limiter protection, soft start protection, DC protection, short circuit protection, and thermal protection, which can better protect the power amplifier, ensuring stable sound quality and speaker longevity.

High Reliability

Amplifier modules and DSP modules have been sold globally for over 500,000 units and have been proved to be very stable and reliable.

High Standards

All input and output connectors are professional-grade quality components.

High-quality components ensure the amplifier operates stably in harsh environments.

Lightweight Design

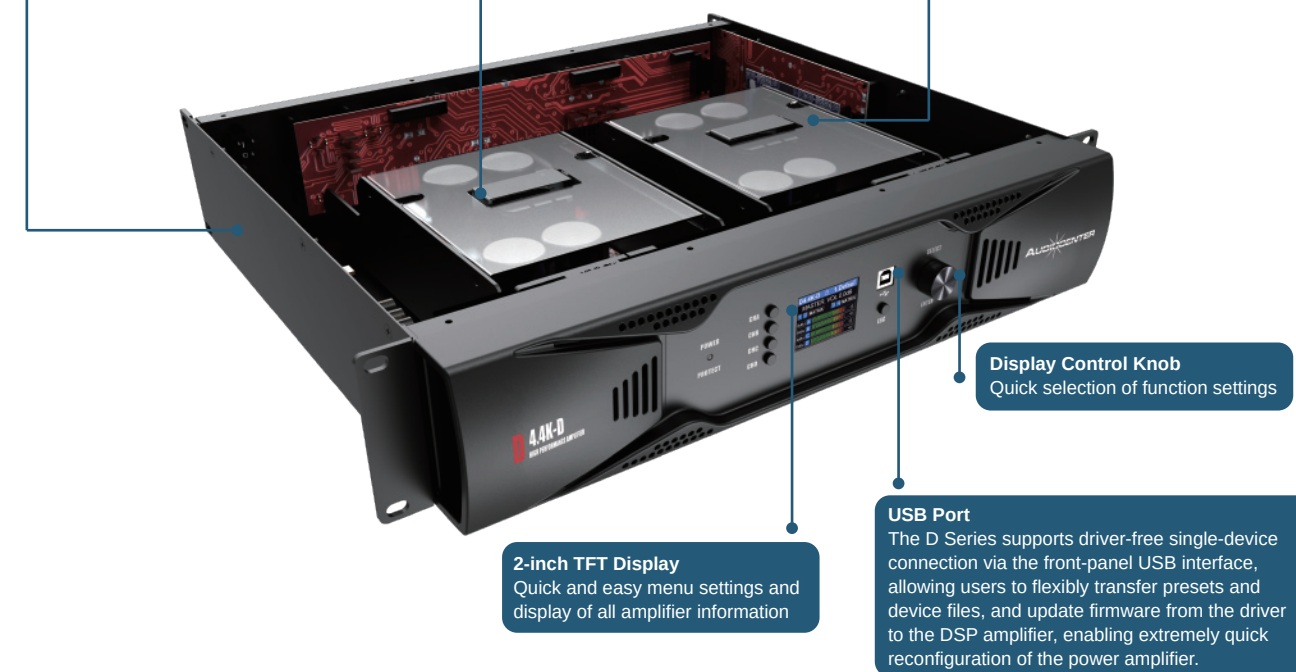
The D Series amplifier is lightweight (about 10kg), facilitating portability and installation, providing users with more convenience and flexibility.

Modular Amplifier Modules

The D Series is built with sturdy mechanical processing structure. With efficient tunnel-style cooling, the temperature rise can be controlled within 30°C.

Powerful DSP Processor

Equipped with powerful IIR infinite impulse response filters and new FIR finite impulse response filters, the D Series can achieve precise audio adjustment and optimization.



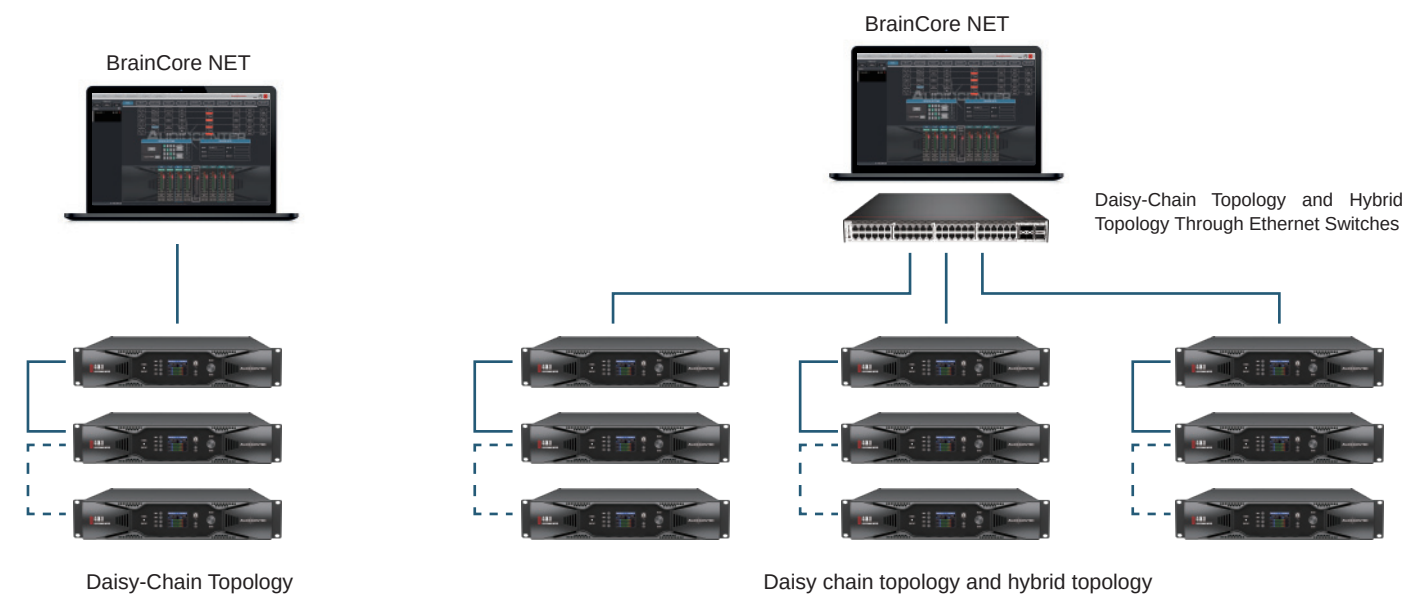
Network Section
DANTE Network Cable Connector
TCP/IP Network Cable Connector

Digital Analog Hybrid Input
AES/EBU Digital Signal Input
Balanced Analog Signal Input

Output
Compatible with two-pin or four-pin Speakon

Power Connector

Network Control



		D4.2K	D4.2K-D	D4.4K	D4.4K-D	D4.6K	D4.6K-D	D4.10K	D4.10K-D
Output power	8Ω Stereo	4x350W	4x350W	4x700W	4x700W	4x1100W	4x1100W	4x1800W	4x1800W
(1kHz, 20ms burst)	4Ω Stereo	4x550W	4x550W	4x1200W	4x1200W	4x1750W	4x1750W	4x3000W	4x3000W
THD+N = 1%)	8Ω Bridge	2x1100W	2x1100W	2x2400W	2x2400W	2x3500W	2x3500W	2x6000W	2x6000W
A-Guard Protection System		DC Protection,Short circuit protection,Smart overheat management,Overheat protection,Output overload protection,Soft startup protection,Limiter protection							
	Sampling rate	48kHz/24bit							
DSP processing	Input	1) Input: 4x analogue, 4x AES ,4x Dante (D4.2K-D,D4.4K-D,D4.6K-D,D4.10K-D) 2) Noise Gate,gain,Sensitivity,Phase,Mute 3) Input EQ:15 band EQ + HPF/LPF(Butterworth, Linkwitz-Riley, Bessel:6 dB/oct to 48 dB/oct) 4) Input delay:90ms Per channel							
	Working mode	Matrix,Stereo,Parallel,Bridge							
	FIR	4 channel FIR 4x2048 Taps							
	Output	1) Output EQ:10 band EQ + HPF/LPF(Butterworth, Linkwitz-Riley, Bessel:6 dB/oct to 48 dB/oct) 2) Output delay:20ms Per channel 3) compressor and limiter 4) Gain, Phase, Mute							
USB control port		USB-B							
TCP/IP network control port		RJ45 x2							
Input Connectors		Male XLR & Female XLR							
Output Connectors		Speakon							
Input Impedance		≥20kΩ(Balanced);≥10kΩ(Unbalanced)							
Maximum input voltage		≥18dBu							
Sensitivity		0dBu/6dBu/12dBu							
Frequency response(1W 8Ω stereo)		20Hz-20kHz(±1dB)							
Crosstalk(1kHz,Rated power 8Ω A weighted)		≥60dB							
S/N Ratio(Rated power 8Ω, A weighted)		≥100dB							
Damping Factor(1kHz & 8Ω)		≥400							
Intermodulation Distortion(60Hz:7kHz=4:1, half power)		≤0.1%							
THD+N(1kHz, 8Ω half power A weighted)		≤0.1%							
Output circuitry		Class D							
Power Supply		100-130V~/220-240V~(±10%,50/60Hz)							
Power consumption (1/8 output power 4Ω)		375W	375W	750W	750W	1250W	1250W	2000W	2000W
Rack space		2U							
Cooling		Front to back venting,mandatory cooling							
Dimension(W×H×D)		483×88x404mm	483×88x404mm	483×88x404mm	483×88x404mm	483×88x442mm	483×88x442mm	483×88x485mm	483×88x485mm
Net Weight		8.5 kg	8.5 kg	10.0 kg	10.0 kg	11.5 kg	11.5 kg	15.5 kg	15.5 kg



P48D / P48
Professional Audio Processors

P48D/P48 Professional Audio Processor integrates a variety of DSP functions, including compressors, crossovers, dynamic equalizers, delays, equalizers, input/output FIR filters, phase filters, and mixing matrices. With intuitive PC software, users can easily tune and monitor, ensuring the efficient construction and flexible operation of professional audio amplification systems.

Highlights

- Ultimate Sound Quality, Superior Performance**
Equipped with high-performance AD/DA converter chips and a 96kHz 24-bit sampling rate, it accurately captures sound details, enhances dynamic range, reduces distortion, and delivers pure sound quality and efficient performance, meeting professional audio requirements.
- High-performance DSP Processing Technology**
The 32-bit floating-point digital processor optimizes signal processing, with 3 bands of dynamic equalization (DEQ) on each channel that automatically adjust the frequency response. The combination of IIR and FIR filters preserves the original characteristics of the audio signal, generating precise linear phase curves, providing a balanced, natural, and transparent audio experience.
- 2000ms Ultra-Long Delay, Precision to 0.01ms**
The system allows for input and output delays of up to 2000ms, with a precision of 0.01ms. This ensures precise synchronization in any audio application.
- Intelligent Audio System Management**
Remote Monitoring and Control
The ability to remotely monitor and control the status of audio equipment, allowing for real-time adjustments to settings, greatly enhances the convenience and efficiency of monitoring.
Centralized Management and Maintenance
P48D/P48 manages the audio system centrally through the network, unifying software updates, parameter configuration, and maintenance, which effectively improves the efficiency of operation and maintenance.
Simplified Installation and Cost Reduction
Transmitting audio signals via the network reduces reliance on traditional audio wiring, simplifying the installation process and reducing construction costs and complexity.

		P48D	P48
Sampling Rate		96kHz	96kHz
AD/DA Converter		24bit	24bit
Audio System Delay		<2.1ms (analog input- analog output)	<2.1ms (analog input- analog output)
Analogue Input		4-channel electronically balanced input	4-channel electronically balanced input
AES Input		4-channel AES input	4-channel AES input
Dante Input		4-channel Dante input	/
Input Interface		4x Female XLR	4x Female XLR
Analogue Output		8-channel electronically balanced output	8-channel electronically balanced output
Dante Output		4-channel Dante output	/
Output Interface		8x Male XLR	8x Male XLR
DSP	EQ	Each input 15-band EQ, each output 10-band EQ EQ types: PEQ, High/Low Shelf,All Pass,All Pass2,VariQ High/Low Pass,Phase, Elliptic High/Low Pass, High/Low Pass,Band Pass, Notch	
	DEQ	Each input with a 3-band DEQ	
	Delay	Input delay: each channel 2000ms , Output delay: each channel 2000ms	
	FIR	Input FIR :each channel 512Taps(@48kHz), Output FIR:each channel 512Taps(@48kHz)	
	Crossover	Butterworth, Linkwitz-Riley, Bessel:6 dB/oct to 48dB/oct	
	Limiter	Compressor + Limiter	
Input Impedance		≥10kΩ	
Output Impedance		<100Ω	
Maximum Input/Output Level		≥+20dBu	
Requency Response		±0.3dB,20Hz-20kHz	
S/N Ratio		≥113dB @1kHz,A weighted	
THD+N		≤0.002% @1kHz,0dBu,A weighted	
Crosstalk		≥105dB @1kHz	
Connection Type		USB/RS232/TCP/IP	
AC Power Operating Range		100-240V/(±10%, 50-60Hz)	
Power consumption		<20W	
Rack space		1U	
Dimension(WxHxD)		483x44x265mm	
Net weight		3.6 kg	



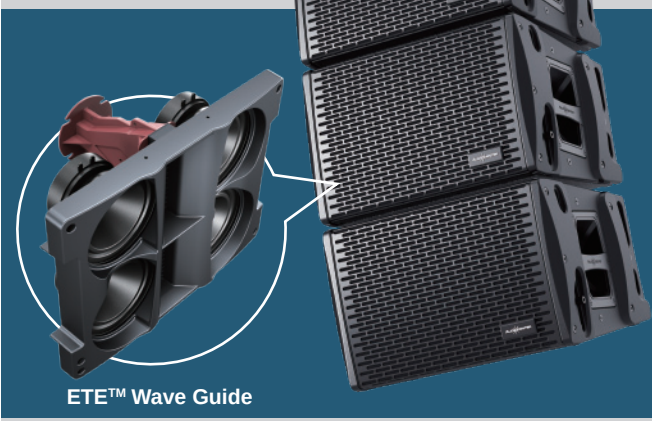
DSL45 & DSL115S

Passive Line Array Loudspeakers

The DSL45 & DSL115S is a compact, high-output, modular passive line-array loudspeaker system. Highly integrated and exceptionally easy to deploy, it delivers powerful performance with minimal setup.

Important Features

- Waterproof Rating IP54
- 127dB Maximum Sound Pressure Level (SPL)
- Customized ProDriver
- With Innovative ETE™ Wave Guide Technology
- Optimized Compact Versatile Enclosure Design for Flexible Use
- Durable Polyurea Coating
- Complete Accessory System for Various Applications



ETE™ Wave Guide

	DSL45	DSL115S
Type	Passive Line Array Loudspeakers	Support hanging installation Passive Subwoofer
Power	240W	500W
Frequency Response(-10dB)	63Hz-20kHz	45Hz-300Hz
Horizontal Coverage(symmetrical)	120°	/
Vertical Coverage(symmetrical)	Splay angle dependent	/
MaximumCalculatedSPL/1M(Continuous/Peak)	121dB/127dB	121dB/127dB
HF Drive	2x1" voice coil, 1" exit	/
LF Drive	4x5" driver, 1.0" voice coil	1x15" driver, 4.0" voice coil
Rated Impedance	8Ω(+1,-1)	8Ω(+2,-2)
Crossover Mode	Built-in (passive) crossover	External (active) crossover
Crossover point	1.2kHz	/
Input Connectors	Speakon 4Pin	Speakon 4Pin
Cabinet		
Cabinet Materia	CNC made of excellent wood	CNC machined plywood
Angle Adjustment	0.5°,1.5°,3°,5°,7°,10°	/
Coating	Durable Polyurea Coating	Durable Polyurea Coating
Temperature range	-20 C ~+50 C	-20 C ~+50 C
Cabinet Color	Black is the default color	Black is the default color
Grille	Iron mesh	Iron mesh
Handle	2 side	2 side
Base	/	M20 base Φ35mm
Speaker Dimension(W×H×D)	458×293×381mm	426×470×570mm
Carton Dimension(W×H×D)	389×553×476mm	512×565×657mm
Net Weight	17.0 kg	32.0 kg
Shipping Weight	20.0 kg	35.0 kg



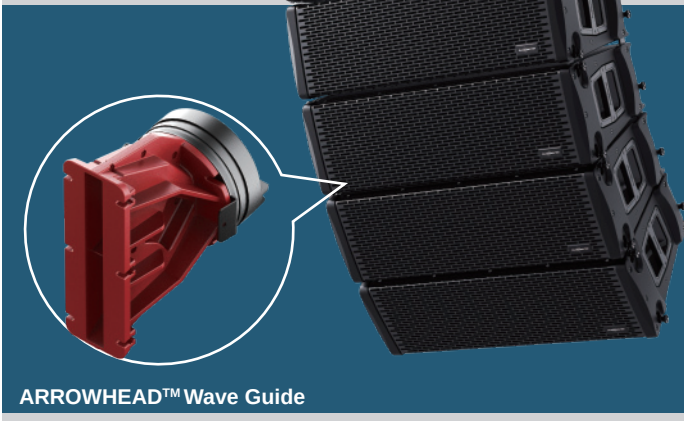
DSL28 & DSL118S

Passive Line Array Loudspeakers

The DSL28 & DSL118S is a compact, high-output, modular passive line-array loudspeaker system. Highly integrated and exceptionally easy to deploy, it delivers powerful performance with minimal setup.

Important Features

- Waterproof Rating IP54
- 136dB Maximum Sound Pressure Level (SPL)
- Customized ProDriver
- With Innovative ARROWHEAD™ Wave Guide Technology
- Optimized Compact Versatile Enclosure Design for Flexible Use
- Durable Polyurea Coating
- Complete Accessory System for Various Applications



ARROWHEAD™ Wave Guide

	DSL28	DSL118S
Type	Passive Line Array Loudspeakers	Support hanging installation Passive Subwoofer
Power	300W	1300W
Frequency Response(-10dB)	70Hz-20kHz	30Hz-130Hz
Horizontal Coverage(symmetrical)	90°	/
Vertical Coverage(symmetrical)	Splay angle dependent	/
MaximumCalculatedSPL/1M(Continuous/Peak)	122dB/128dB	130dB/136dB
HF Drive	Neodymium driver, 1x3" voice coil, 1.4" exit	/
LF Drive	2x8" driver, 2.0" voice coil	1x18" driver, 4.0" voice coil
Rated Impedance	8Ω(+1,-1)	8Ω(+2,-2)
Crossover Mode	Built-in (passive) crossover	External (active) crossover
Crossover point	0.9kHz	/
Input Connectors	Speakon 4Pin	Speakon 4Pin
Cabinet		
Cabinet Materia	CNC made of excellent wood	CNC machined plywood
Angle Adjustment	0°,1°,2°,4°,6°,8°,10°,12°	/
Coating	Durable Polyurea Coating	Durable Polyurea Coating
Temperature range	-20 C ~+50 C	-20 C ~+50 C
Cabinet Color	Black is the default color	Black is the default color
Grille	Iron mesh	Iron mesh
Handle	2 side	2 side
Base	/	M20 base Φ35mm
Speaker Dimension(W×H×D)	774×240×406mm	774×500×670mm
Carton Dimension(W×H×D)	868×501×346mm	812×595×787mm
Net Weight	23.0 kg	48.0 kg
Shipping Weight	26.0 kg	52.0 kg



DS Series

Passive Full Range Loudspeaker

The DS series is a point-source loudspeaker with a passive crossover. Housed in a high-grade multi-ply birch enclosure, its symmetrical, compact design delivers true multi-purpose flexibility. A bottom-mounted rigging insert offers selectable 0° or 10° angles, allowing the cabinet to be flown, wall-mounted, or pole-mounted with equal ease—seamlessly adapting to any sound reinforcement scenario.

Important Features

- Waterproof Rating IP54
- Customized ProDriver
- DMF Composite Material Horn Design
- Smart Crossover Design
- Rotatable Horn
- Unique Driver Protection Circuit
- Durable Polyurea Coating



	DS06	DS26	DS08	DS10	DS12	DS15
Type	Passive full range loudspeaker	Passive full range loudspeaker	Passive full range loudspeaker	Passive full range loudspeaker	Passive full range loudspeaker	Passive full range loudspeaker
Rated power(AES)	100W	200W	150W	250W	400W	400W
Frequency Response(-10dB)	60Hz-20kHz	60Hz-20kHz	65Hz-20kHz	42Hz-20kHz	55Hz-20kHz	40Hz-20kHz
Horizontal Coverage	70° /50°	70° /50°	70° /50°	90°/60°	90°/60°	90°/60°
Vertical Coverage	50° /70°	50° /70°	50° /70°	60°/90°	60°/90°	60°/90°
Max SPL(Continuous/Peak)	112dB/118dB	118dB/124dB	119dB/125dB	124dB/130dB	128dB/134dB	130dB/136dB
HF	1.0" voice coil, 1.0" exit	1.0" voice coil, 1.0" exit	1.0" voice coil, 1.0" exit	1.75" voice coil, 1.0" exit	1.75" voice coil, 1.0" exit	1.75" voice coil, 1.0" exit
LF	6" driver, 1.3" voice coil	2x6" driver, 1.3" voice coil	8" driver, 2.0" voice coil	10" driver, 2.5" voice coil	12" driver, 3.0" voice coil	15" driver, 3.0" voice coil
Impedance	8Ω(+1,-1)	4Ω(+1,-1)	8Ω(+1,-1)	8Ω(+1,-1)	8Ω(+1,-1)	8Ω(+1,-1)
Crossover Mode	Passive	Passive	Passive	Passive	Passive	Passive
Crossover Point	1.5kHz	1.5kHz	1.5kHz	1.4kHz	1.2kHz	1.2kHz
Input Connectors	Speakon 4Pin	Speakon 4Pin	Speakon 4Pin	Speakon 4Pin	Speakon 4Pin	Speakon 4Pin
CABINET						
Cabinet Material	CNC machined plywood	CNC machined plywood	CNC machined plywood	CNC machined plywood	CNC machined plywood	CNC machined plywood
Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating
Temperature range	-20℃ ~+50℃	-20℃ ~+50℃	-20℃ ~+50℃	-20℃ ~+50℃	-20℃ ~+50℃	-20℃ ~+50℃
Cabinet Color	Black is the default color.	Black is the default color.	Black is the default color.	Black is the default color.	Black is the default color.	Black is the default color.
Grille	Iron mesh	Iron mesh	Iron mesh	Iron mesh	Iron mesh	Iron mesh
Handles	/	/	/	1 back	2 side	2 side
Monitor Angle	/	/	/	/	Symmetrical 45° monitoring Angle	Symmetrical 45° monitoring Angle
Hanging Hardwares	M8 screw	M8 screw	M8 screw	M8 screw	M8 screw	M8 screw
Pole Mount	Base hole Φ35mm	Base hole Φ35mm	Base hole Φ35mm	Base hole Φ35mm, 0° or 10° optional	Base hole Φ35mm, 0° or 10° optional	Base hole Φ35mm, 0° or 10° optional
Speaker Dimension (W×H×D)	200x380x215mm	200x555x215mm	245x447x264mm	288x526x325mm	355x599x349mm	421x696x416mm
Carton Dimension (W×H×D)	291x471x307mm	291x641x307mm	336x531x354mm	383x610x415mm	446x688x446mm	516x785x516mm
Net Weight	8.5 kg	10.0 kg	10.0 kg	13.0 kg	19.0 kg	22.0 kg
Shipping Weight	10.0 kg	12.0 kg	12.0 kg	16.0 kg	22.0 kg	26.0 kg

Subwoofer

DS Series subwoofers are built from high-density, multi-ply birch plywood. Shaped with CNC-machined, interlocking panels, the cabinets can reduce resonance effectively. Extended low-frequency reach and tightly focused energy deliver deep, punchy bass with exceptional transient response.

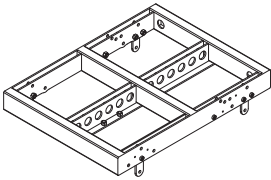
Important Features

- Waterproof Rating IP54
- Customized ProDriver
- Optimized Compact Versatile Enclosure Design for Flexible Use
- Durable Polyurea Coating
- Premium Wood

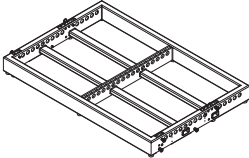


	DS108S	DS112S	DS212S	DS118S	DS218S
Type	Passive Subwoofer	Passive Subwoofer	Passive Subwoofer	Passive Subwoofer	Passive Subwoofer
Rated power(AES)	200W	400W	800W	600W	1200W
Frequency Response(-10dB)	50Hz-150Hz	45Hz-150Hz	35Hz-150Hz	35Hz-150Hz	30Hz-150Hz
Max SPL(Continuous/Peak)	115dB/121dB	121dB/127dB	127dB/133dB	125dB/131dB	131dB/137dB
LF	1x8" Neodymium driver , 2.0" voice coil	1x12" driver, 2.5" voice coil	2x12" driver, 2.5" voice coil	1x18" driver , 4.0" voice coil	2x18" driver, 4.0" voice coil
Impedance	8Ω(+2,-2)	8Ω(+2,-2)	4Ω(+2,-2)	8Ω(+2,-2)	4Ω(+2,-2)
Crossover Mode	External (active) crossover	External (active) crossover	External (active) crossover	External (active) crossover	External (active) crossover
Input Connectors	Speakon 4Pin	Speakon 4Pin	Speakon 4Pin	Speakon 4Pin	Speakon 4Pin
CABINET					
Cabinet Material	CNC machined plywood	CNC machined plywood	CNC machined plywood	CNC machined plywood	CNC machined plywood
Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating
Temperature range	-20℃ ~+50℃	-20℃ ~+50℃	-20℃ ~+50℃	-20℃ ~+50℃	-20℃ ~+50℃
Cabinet Color	Black is the default color	Black is the default color	Black is the default color	Black is the default color	Black is the default color.
Grille	Iron mesh	Iron mesh	Iron mesh	Iron mesh	Iron mesh
Handle	/	2 side	4 side	2 side	2 side
Base	M20 base Φ35mm	M20 base Φ35mm	M20 base Φ35mm	M20 base Φ35mm	M20 base Φ35mm
Speaker Dimension (W×H×D)	400×240×330mm	550×340×384mm	814×378×580mm	510×632×695mm	1206×565×694mm
Carton Dimension (W×H×D)	455×295×390mm	605×395×444mm	458×903×696mm	596×750×780mm	651×1331x780mm
Net Weight	6.5 kg	17.0 kg	36.0 kg	37.0 kg	66.0 kg
Shipping Weight	8.0 kg	19.0 kg	38.0 kg	40.0 kg	70.0 kg

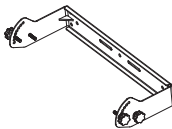
Speaker Accessories



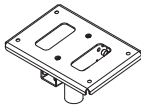
- FGF-DSL45/DSL115S
Frame for flying
- Dimension (WxHxD):
430x60x580mm



- FGF-DSL28/DSL118S
Frame for flying
- Dimension (WxHxD):
786x77x700mm



- Horizontal U bracket
- Dimension (WxHxD):
WM-DS10-BL/W 528x55x206mm
WM-DS12-BL/W 604x62x235mm
WM-DS15-BL/W 701x62x297mm



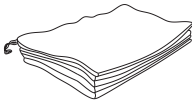
- APM-BKT
Adjustable Bracket (2°, 6°, 10°)
- Dimension (WxHxD):
260x110x174mm



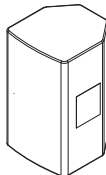
- WM06-BL/WM06-W
Wall Mount Bracket
- Dimension (WxHxD):
65x130x77mm



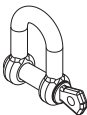
- Pole bar
Bearing 50KG



- COV-DSL45/DSL115S
COV-DSL28/DSL118S
Rain Cover



- COV-06
COV-26
COV-08
COV-10
COV-12
COV-15
Rain Cover



- M20 D shackle
Bearing 3T



- 2M / 3M flying belt
Made of synthetic fibre,
bearing 2T/4T

Artist

Where Commercial Meets Professional

Talent Series

- Audio Matrix
- Audio Processor
- Hi Z and Low Z Power Amplifiers
- Point Source / Line Array Loudspeakers
- Hi Z and Low Z Linear Source Column Speakers
- Subwoofers

Audio Matrix

T88+
T16+
T16A+
T16D+

Audio Processor

BrainCore CU

Hi Z and Low Z Power Amplifiers

T2.4V
T4.4V
T4.8V
T8.8V
T4800
T8800

Point Source / Line Array Loudspeakers

Butterfly 4CA
Butterfly 4PRO
T8

Hi Z and Low Z Linear Source Column Speakers

T65+
T83+
T43+
T65
T83
T43

Subwoofers

TW8



BrainCore[®]

Dante[™]

AES67

BrainCore[®]

Dante[™]

AES67

BrainCore™ is an innovative core application technology independently developed by Audiocenter, dedicated to delivering audio systems with supreme performance and high reliability.

Utilizing advanced technology and scientific methods, BrainCore™ optimally analyzes and processes signals, power amplifiers, and speakers. This results in excellent frequency response and audio reproduction, even at high SPL levels.

Audinate's Dante audio networking technology is a widely adopted networked audio solution in the world, extensively used in commercial installations, live performances, recording and production.

T16D+ Network Digital Audio Matrix feature full Dante capabilities, with a channel capacity of up to 512x512, ensuring immediate and seamless compatibility with the complete Dante system.

The T16A+ Network Digital Audio Matrix features complete AES67 open interoperability functionality, enabling seamless interconnection with Dante devices, achieving unified routing and management of analog signals and network audio.

Artist Talent Series

Network Digital Audio Matrix

The Artist Talent Series Network Digital Audio Matrix is offered in four distinct hardware variants. The T88+ provides 8×8 channels of analog I/O, while the T16+ doubles that capacity with 16×16 analog channels. For networked audio applications, the T16A+ expands the platform to 32×32 AES67 channels, and the T16D+ delivers 32×32 Dante I/O with support for 16-channel redundant backup. This broad I/O portfolio supports flexible, reliable system integration for complex audio processing and centralized control applications.

Web-based network control is fully terminal-agnostic and compatible with all operating systems, enabling remote device management and fast parameter configuration over LAN. Linked debugging supports batch setup across multiple units of the same model, while wall panel controllers and RS 232/RS 485 central control systems provide localized scene recall and volume adjustment.

Highlights

◆ 1 GHz High-Performance DSP Core with Full Processing Power

Built around the ADI SHARC® 5th generation 21569 processor, the platform delivers a 1 GHz computing core capable of handling FIR filtering, Dynamic EQ, and fourteen filter types. With an integrated 5A algorithm, including AEC for every channel, and up to 2000ms of adjustable I/O delay, it provides precise acoustic optimization and meets the most demanding installs needs.

◆ Five Intelligent Algorithms Integrated – One Click “Plug and Play” Operation

- **AFC** (Adaptative Feedback Cancellation) delivers dual loop AI-adaptive howling suppression with a 30% efficiency gain.
- **ANC** (Active Noise Cancellation) actively suppresses ambient noise for cleaner pickup.
- **AEC** (Acoustic Echo Cancellation) prevents your own voice from echoing during a call or video-conference, and features a unique adaptive algorithm constantly monitoring audio coming in from far-end.
- **AMX** (Auto mixer) intelligently manage the volume of multiple microphones open simultaneously, with up to 10 priority levels.
- **AGC** (Automatic Gain Control) automatically adjusts the volume of every channel signal to keep it at a constant and optimal level.

◆ Multi Dimensional Management & Full Interface Compatibility

Flexible management meets scalable expansion through zone control, Audiocenter system presets, and user-defined presets for refined scenario based operation. Standard TCP/IP, RS 232, RS 485, and GPIO interfaces ensure seamless integration with central control systems and smart panel, accommodating diverse control and connectivity requirements.

◆ Full Scenario Audio Source Compatibility – No Additional Hardware Required

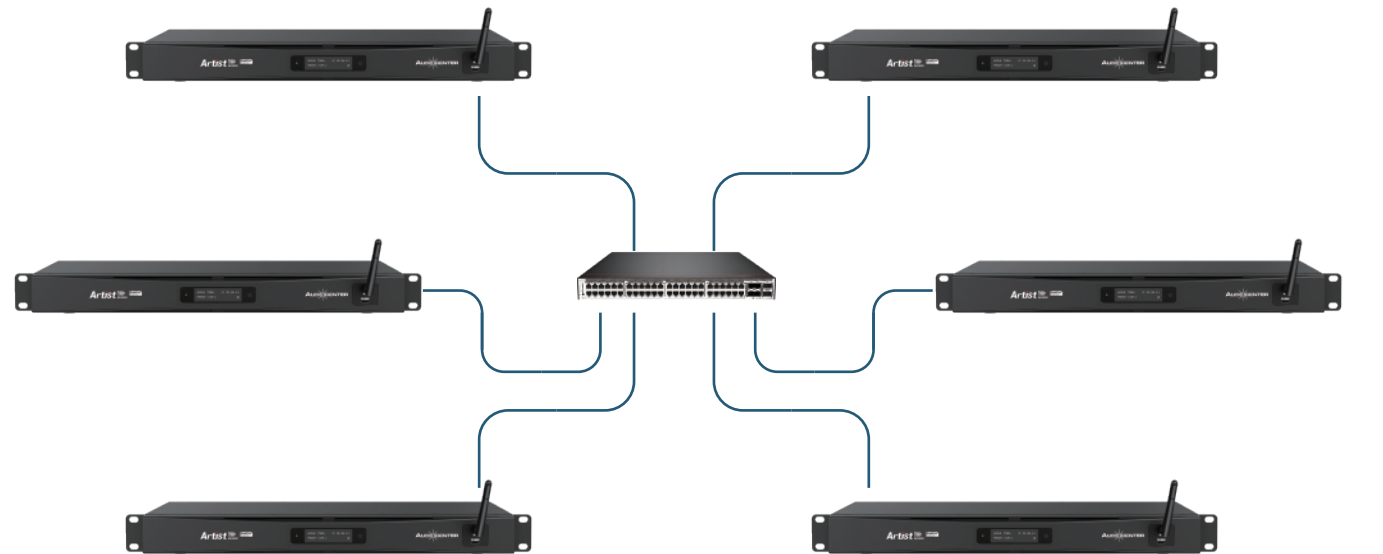
A single unit accepts virtually any audio source, with analog, stereo Bluetooth, and USB sound-card I/O provided as standard. Optional AES67 or Dante digital interfaces support high fidelity professional applications. Integrated 48V phantom power supplies condenser microphones directly, eliminating the need for external adapters.

Network Control

The Web-based network control system provides powerful real-time control and monitoring capabilities for complex system design, capable of managing up to 250 devices simultaneously.

Regardless of changes in DSP topology or device quantity, the Web-based network control system provides a centralized working platform, greatly simplifying the construction process of DSP design, making even complex DSP projects easy to handle.

The system supports multiple network topologies and is easy to configure, allowing system designers to flexibly select the topology solution best suited for each project requirement.



Star Topology

High-Fidelity Audio Quality

- ◆ BrainCore™ Technology Integration

BrainCore™ technology, combined with advanced Limita™ dynamic processing, delivers precise digital signal conditioning while ensuring safe and reliable system operation.
- ◆ 1 GHz High-Performance DSP Core

Powered by the ADI SHARC® 5th generation 21569 processor, the 1 GHz core supports FIR filtering, DEQ, and fourteen filter types. With a built in 5A algorithm and up to 2000ms of adjustable I/O delay, it provides accurate acoustic optimization for large venue signal synchronization and professional sound reinforcement.
- ◆ FIR Filters

Linear phase response design preserves original transient characteristics, delivering refined, precise audio with enhanced dynamics and impact. Data imported via SMAART or third party software can be edited directly within the software and applied immediately. 512 tap high order processing ensures both precision and flexibility.
- ◆ IIR Filters

Multiple Bessel, Butterworth, and Linkwitz Riley filter types are provided, supporting high pass, low pass and all-pass filters, with up to -48 dB/octave adjustment and full phase control.
- ◆ Parametric Equalizer (PEQ)

Each I/O channel features 8 band PEQ with free switching across 14 filter types. Speaker preset channels extend this to 15 band PEQ, also with 14 filter types, enabling finer frequency band division for precise crossover correction.
- ◆ Dynamic EQ (DEQ)

Each input channel includes 3 band DEQ, which dynamically adjusts frequency response in response to input signal variations, delivering more refined and automated audio control.
- ◆ Five Intelligent Algorithms – One Click Plug and Play

• **AFC** (Adaptative Feedback Cancellation) delivers dual loop AI-adaptive howling suppression with a 30% efficiency gain.

• **ANC** (Active Noise Cancellation) actively suppresses ambient noise for cleaner pickup.

• **AEC** (Acoustic Echo Cancellation) prevents your own voice from echoing during a call or video-conference, and features a unique adaptive algorithm constantly monitoring audio coming in from far-end.

• **AMX** (Auto mixer) intelligently manage the volume of multiple microphones open simultaneously, with up to 10 priority levels.

• **AGC** (Automatic Gain Control) automatically adjusts the volume of every channel signal to keep it at a constant and optimal level.
- ◆ 2000ms Ultra Long Delay, 0.01ms Precision

Input and output delay of up to 2000ms is available with 0.01ms resolution, ensuring precise synchronization across all audio applications.
- ◆ Preset Management

Up to 60 preset slots are provided, with dual management for channel specific and system wide presets. One click recall allows users to quickly achieve optimal audio quality, simplifying onsite engineering and improving workflow efficiency.



Multiple Input Methods Support

- ◆ Analog Audio Signal Input/Output

Provides 8x8 / 16x16 channels of analog audio signal input/output.
- ◆ AES67 Network Audio Input/Output

Provides 32x32 channels of AES67 network audio signal input/output.
- ◆ Dante Network Audio Input/Output

Provides 32x32 channels of Dante network audio signal input/output, with support for 16-channel redundancy backup.
- ◆ Stereo Bluetooth Input

Provides 2 channels of stereo Bluetooth signal input.
- ◆ Stereo USB Audio Interface Input/Output

Provides 2 channels of stereo USB audio interface signal input/output.
- ◆ Supports free switching between microphone input and line input, with 48V phantom power.
- ◆ Built-in camera tracking function, controlling cameras through audio.
- ◆ GPIO programmable control interface.

Manufactured to Precision Standards

◆ European R&D, German Engineering Standards

All power amplifier and DSP modules are developed by Audiocenter's European R&D team and manufactured to German engineering specifications, ensuring stable, efficient operation and consistent high quality audio performance.

◆ Proven Reliable Electronics

With over 500,000 amplifier and DSP modules deployed globally, the platform has demonstrated exceptional stability and long term reliability across diverse applications.

◆ Premium-Grade Components

High quality componentry guarantees stable operation even in demanding or harsh environmental conditions. Input/output connectors are professional grade, selected for durability and signal integrity.

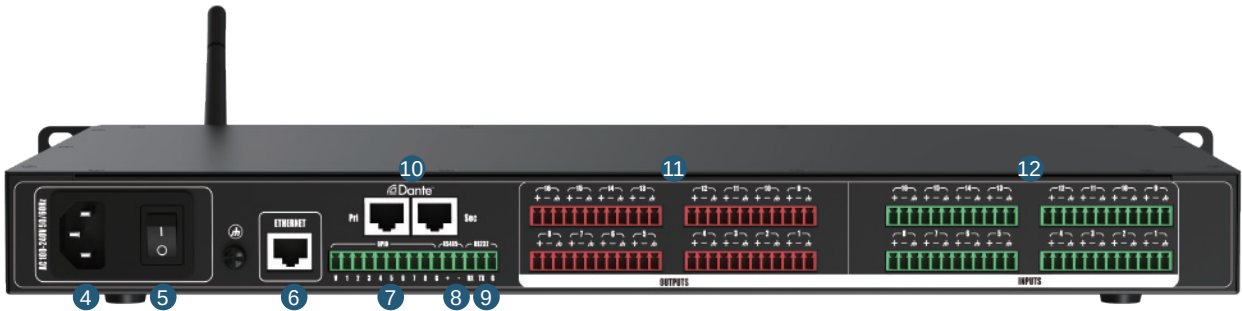


- 1

2.08-inch TFT display
 It can display model number, IP address, current preset, show channel input/output status
- 2

Bluetooth Antenna
- 3

USB AUDIO
 USB sound card, supports stereo input and output



- 4

Power supply socket
 Connected via standard IEC plug
- 5

Power switch
 When the processor is not in use, please keep its power switch off.
- 6

ETHERNET computer control interface
 Rj45 interface, based on TCP / IP protocol, standard CAT5 or CAT6 network cable connection.
- 7

GPIO interface
 GPIO control extension
- 8

RS 485 interface
 It can be used as central control, panel control, camera tracking and expansion interface.
- 9

RS 232 interface
 It can be used as central control, panel control, camera tracking and expansion interface.
- 10

Network Audio Interface
 T16A+:32×32 channels,AES67
 T16D+:32×32 channels,Dante
 T88+/T16+: Not equipped with this interface
- 11

16-channel analog output (T88+: 8-channel analog output)
 Euro-block connector, balanced output
- 12

16-channel analog input (T88+: 8-channel analog input)
 Euro-block connector, balanced input

User-Friendly TFT Display

The front panel is equipped with a 2.08-inch TFT display, providing a user-friendly control interface. It can display model number, IP address, current preset, show channel input/output status, Bluetooth pairing operations, and monitor device status in real-time.



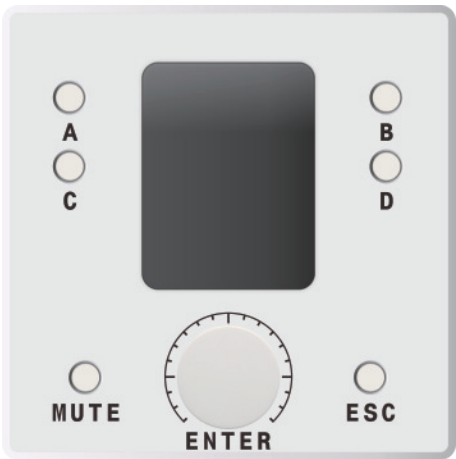
Full Platform Compatible Web User Interface, Unlimited Operation

Supports Web-based full-platform access - simply enter the IP address in a browser to access the operation interface, breaking through operating system limitations, compatible with PC/mobile/tablet and other terminals, without restrictions from Windows/iOS/macOS/Android operating systems.

All devices can be remotely managed via LAN with quick parameter configuration. Supports RS-232/RS-485 and TCP/IP protocols, enabling deep integration with third-party central control or operation and maintenance platforms; multiple devices can be networked for linked debugging with real-time remote monitoring.



AWP-3 Wall-panel Controller



New AWP-3 offers a customizable user interface that can be tailored to specific operational requirements and workflow preferences across different application scenarios.

- Fully programmable, connectivity is established via TCP/IP by web-browser, with each matrix supporting up to 8 panels simultaneously.
- Power is supplied through either PoE or an external adapter.
- Rotary encoder knob and four fully programmable buttons.
- It can recall presets and control the level and mute of each and every input/output. Custom programming options with hundreds of possibilities.



Artist T88+

Artist T16+

Signal Processing		32bit float point dsp 1GHz	
AD/DA Converter		24bit	
Sampling Rate		48kHz	
Input Channels		8-channel electronically balanced line input USB sound card stereo input Bluetooth stereo input	16-channel electronically balanced line input USB sound card stereo input Bluetooth stereo input
Input Interface		3.81mm Euroblock(analog input) Type-C	3.81mm Euroblock(analog input) Type-C
Output Channels		8-channel electronically balanced line output USB sound card stereo output	16-channel electronically balanced line output USB sound card stereo output
Output Interface		3.81mm Euroblock (analog output)	3.81mm Euroblock (analog output)
DSP	Input	1. Volume, Mute, and Phase control 2. AFC / AEC/AI-AEC / ANC/AI-ANC / AGC / AUTO MIX / MATRIX MIX 3. Noise Gate / Compressor / Expander 4. 8-band EQ per input,14 EQ types optional,XOVER (Butterworth, Bessel, Linkwitz-Riley 6/12/18/24/36/48dB/Oct) 5. 2000ms per channel	
	Output	1. Volume, Mute, and Phase control 2. 8-band EQ per output,14 EQ types optional 3. 2000ms per channel	
	Speaker Presets	1. Volume, Mute, and Phase control 2. FIR: 512Taps per Output channel 3. 15-band EQ per Output channel,14 EQ types optional,XOVER (Butterworth, Bessel, Linkwitz-Riley 6/12/18/24/36/48dB/Oct) 4. 3-band DEQ per Output channel 5. 2000ms per Output channel 6. Compressor + Limiter	
Input Impedance		>7.5kΩ	
Output Impedance		<100Ω	
Maximum Input/Output Level		≥21dBu/line 0dBu/microphone	
Phantom power		+48VDC, 7.5mA (optional per channel)	
Frequency Response		20Hz-20kHz(±0.5dB)/line	
S/N Ratio		≥115dB(1kHz,A weighted)/line	
THD+N		≤0.003%(1kHz,A weighted)/line	
Crosstalk		≤-110dB(1kHz,A weighted)/line	
Connection		RS232/RS485/TCP/IP/GPIO	
AC Power Operating Range		100-240V/(±10%, 50-60Hz)	
Power consumption		<20W	
Rack space		1U	
Dimension(WxHxD)		484x44x245mm	484x44x245mm
Net weight		3.0 kg	3.3 kg



Artist T16A+

Artist T16D+

Signal Processing		32bit float point dsp 1GHz	
AD/DA Converter		24bit	
Sampling Rate		48kHz	
Input Channels		16-channel electronically balanced line input USB sound card stereo input Bluetooth stereo input 32-channel AES67 digital signal input	16-channel electronically balanced line input USB sound card stereo input Bluetooth stereo input 32-channel Dante digital signal input
Input Interface		3.81mm Euroblock(analog input) Type-C RJ-45x2	3.81mm Euroblock(analog input) Type-C RJ-45x2
Output Channels		16-channel electronically balanced line output USB sound card stereo output 32-channel AES67 digital signal output	16-channel electronically balanced line output USB sound card stereo output 32-channel Dante digital signal output
Output Interface		3.81mm Euroblock (analog output) RJ-45x2	3.81mm Euroblock (analog output) RJ-45x2
DSP	Input	1. Volume, Mute, and Phase control 2. AFC / AEC/AI-AEC / ANC/AI-ANC / AGC / AUTO MIX / MATRIX MIX 3. Noise Gate / Compressor / Expander 4. 8-band EQ per input,14 EQ types optional,XOVER (Butterworth, Bessel, Linkwitz-Riley 6/12/18/24/36/48dB/Oct) 5. 2000ms per channel	
	Output	1. Volume, Mute, and Phase control 2. 8-band EQ per output,14 EQ types optional 3. 2000ms per channel	
	Speaker Presets	1. Volume, Mute, and Phase control 2. FIR: 512Taps per Output channel 3. 15-band EQ per Output channel,14 EQ types optional,XOVER (Butterworth, Bessel, Linkwitz-Riley 6/12/18/24/36/48dB/Oct) 4. 3-band DEQ per Output channel 5. 2000ms per Output channel 6. Compressor + Limiter	
Input Impedance		>7.5kΩ	
Output Impedance		<100Ω	
Maximum Input/Output Level		≥21dBu/line 0dBu/microphone	
Phantom power		+48VDC, 7.5mA (optional per channel)	
Frequency Response		20Hz-20kHz(±0.5dB)/line	
S/N Ratio		≥115dB(1kHz,A weighted)/line	
THD+N		≤0.003%(1kHz,A weighted)/line	
Crosstalk		≤-110dB(1kHz,A weighted)/line	
Connection		RS232/RS485/TCP/IP/GPIO	
AC Power Operating Range		100-240V/(±10%, 50-60Hz)	
Power consumption		<20W	
Rack space		1U	
Dimension(WxHxD)		484x44x245mm	484x44x245mm
Net weight		3.3 kg	3.3 kg



BrainCore CU

Audio Processor



BrainCore CU is an audio processor with flexible applications and easy configuration. Through the BrainCore™ technology, an innovative core technology independently developed by Audiocenter, based on the characteristics of different speakers and different application scenarios, scene presets that can meet a variety of application needs have been created. Users only need to call the corresponding presets according to the combination of speakers and application scenarios, and can quickly create an audio system without professional debugging, and get a more satisfactory sound effect.

Key Features

- With more than 20 years experiences of product development and system application, and repeated testing and debugging, these presets can meet a variety of application needs.
- Users only need to import the system preset package through "CU Preset" to use.
- Directly call the system preset package, you can get satisfactory sound effects without professional debugging.
- 1 ~ 9 total 9 preset gears (0 default is BY PASS).
- BrainCore CU is with ultra compact 1U design and half 19" rack space enclosure. With customized rack adapter, it allows for single installation or side-by-side.

Installation



BrainCore CU	
Audio System Delay	0.25ms（INPUT to OUTPUT）
AD/DA Converter	24Bit
Sampling Rate	96kHz
Input Channels	Two-way balanced
Input Interface	Female XLR
Output Channels	Three-way balanced
Output Interface	Male XLR
Input Impedance	> 10KΩ
Output Impedance	< 100Ω
Maximum Input Level	≥+15dBu
Requency Response	±0.3dB,20Hz-20kHz
Dynamic	≥106dB
THD+N	≤0.05% @1kHz,0dBu
Audio System Delay	USB, Free drive
AC Power Operating Range	100-240V~(±10%, 50/60Hz)
Power consumption	<10W
Rack space	1U design and half 19" rack space enclosure
Dimension(W×H×D)	218x44x153mm
Net weight	1.0kg

T2.4V

2 Channel Compact Class D Amplifier

With low impedance output and 70/100V outputs



T4.4V

4 Channel Compact Class D Amplifier

With low impedance output and 70/100V outputs



T2.4V/T4.4V is 2/4 channel Class D amplifier for commercial audio installation.

T2.4V/T4.4V carries the renowned high reliability and outstanding sound performance delivered by Audicenter system. Both two models are with low impedance output and 70/100V outputs. T2.4V/T4.4V is with ultra compact 1U design and half 19" rack space enclosure. With customized rack adapter, it allows for single installation or side-by-side (two devices) in a 19" equipment rack. It can also be mounted on table or wall.

Key Features

- Class-D amplifier technology with SMPS, high efficiency.
- With both low impedance output and 70/100V outputs.
- Excellent reproduction clarity and outstanding high-definition sound.
- When input signal is bigger than the set value, it will wake up automatically.
- Built-in IC chip to control the input/output channels routing and the output power accurately.
- Optimal cooling system and premium protection system makes extremely high reliability.
- Ultra compact 1U design and half 19" rack space enclosure. Support Audicenter BrainCore CU processor.
- When input signal is lower than the set value for 45 mins, T2.4V/T4.4V will go into energy-saving standby mode.

Installation



		T2.4V	T4.4V
Output Power	8Ω Stereo	2x130W	4x130W
	4Ω Stereo	2x260W	4x260W
20ms Burst	8Ω Bridge	1x520W	2x520W
THD+N=1%)	Hi-Z(70V)	1x520W	2x520W
	Hi-Z(100V)	1x520W	2x520W
Protection System	DC Protection,Short circuit protection,Overheat protection,Limiter Protection		
Working mode	Stereo,Parallel,Bridge,70V/100V		
Input Connectors	1x6-pin Euroblock（3.81mm）		2x6-pin Euroblock（3.81mm）
Output Connectors	1x4-pin Euroblock（5.08mm）		2x4-pin Euroblock（5.08mm）
Input Impedance	≥20kΩ（Balanced）, ≥10kΩ（Unbalanced）		≥20kΩ（Balanced）, ≥10kΩ（Unbalanced）
Maximum input voltage	≥15dBu		≥15dBu
Gain	Stereo: 26dB; Bridge: 32dB; 70V: 34dB; 100V: 37dB		
Frequency response(1W 8Ω Stereo)	20Hz-20kHz(±0.5dB)		20Hz-20kHz(±0.5dB)
Crosstalk(1kHz, Rated power 8Ω, A weighted)	≥70dB		≥70dB
S/N Ratio(Rated power 8Ω, A weighted)	≥100dB		≥100dB
Damping factor(1kHz&8Ω)	≥200		≥200
Intermodulation Distortion(60Hz:7kHz=4:1, half power)	≤0.05%		≤0.05%
THD+N(1kHz, 8Ω half power A weighted)	≤0.05%		≤0.05%
Amplifier Type (Output Circuitry)	Class D		Class D
AC Power	100-240V(±10%,50-60Hz)		100-240V(±10%,50-60Hz)
Power consumption（1/8 output power,8Ω）	80W		160W
Rack space	1U design and half 19" rack space enclosure		1U design and half 19" rack space enclosure
Cooling	Fan cooling, blowing from front to back		Fan cooling, blowing from front to back
Dimensions(W×H×D)	218×44×314mm		218×44×314mm
Net weight	2.5kg		3.2kg

T4.8V T8.8V

Multi Channel Class D Amplifier



T4.8V and T8.8V are with switch mode power supply and Class D circuit design, with high working efficiency, light weight and good reliability.

T4.8V and T8.8V multi channel Class D amps are with low impedance output and 70/100V output. For low impedance output, output power is 400W@8ohm each channel. Each channel can work at 4ohm. For 70/100V output, it's 100V/1000W or 70V/ 800W.

T4.8V and T8.8V are with modular design. Every two channels share one separate power supply and amplifier system.

With elaborately selected components and state-of-the-art craftwork, T4.8V and T8.8V have very good fidelity and high damping factor. It's good choice for music reproduction, speech and AV system integration.



		Artist T4.8V	Artist T8.8V
Output Power	8Ω Stereo	4x400W	8x400W
(1kHz	4Ω Stereo	4x800W	8x800W
20ms Burst	Hi-Z(70V)	2x800W	4x800W
THD+N=1%)	Hi-Z(100V)	2x1000W	4x1000W
Protection System		DC Protection,Short circuit protection,Overheat protection,Limiter Protection	
Working mode		Stereo,Parallel,70V/100V	
Input Connectors		1x12-pin Euroblock (3.81mm)	
Output Connectors		2x4-pin Euroblock (5.08mm)	
Input Impedance		≥20kΩ (Balanced) , ≥10kΩ (Unbalanced)	
Maximum input voltage		≥20dBu	
Gain		Stereo/Parallel:32dB 70V/100V:38dB	
Frequency response(1W 8Ω Stereo)		20Hz-20kHz(±0.5dB)	
Crosstalk(1kHz, Rated power 8Ω, A weighted)		≥60dB	
S/N Ratio(Rated power 8Ω, A weighted)		≥108dB	
Damping factor(1kHz&8Ω)		≥500	
Intermodulation Distortion(60Hz:7kHz=4:1, half power)		≤0.05%	
THD+N(1kHz, 8Ω half power A weighted)		≤0.05%	
Amplifier Type (Output Circuitry)		Class D	
AC Power		100-130V/220-240V(±10%,50-60Hz)	
Power consumption (1/8 output power,8Ω)		350W	
Rack space		2U	
Cooling		Fan cooling, blowing from front to back	
Dimensions(W×H×D)		483×88x410mm	
Net weight		8.5 kg	

T4800 T8800

Multi Channel Class D Amplifier



T4800 and T8800 professional power amplifier adopt switching power supply and class D circuit design which has good performance with high efficiency, light weight and good stability.

Two models are available, 4-channel T4800 and 8-channel T8800. It's 400W each channel at 8Ω. Each channel can work stably at 4Ω.

T4800 and T8800 adopt modular design. Two channels share one power supply system and amplification system. With elaborately selected components and state-of-the-art craftwork, T4800 and T8800 have very good fidelity and high damping factor. It's good choice for music reproduction, speech and AV system integration.



		Artist T4800	Artist T8800
Output Power	8Ω Stereo	4x400W	8x400W
(1kHz 20ms Burst	4Ω Stereo	4x800W	8x800W
THD+N=1%)	8Ω Bridge	2x1600W	4x1600W
Protection System		DC Protection,Short circuit protection,Overheat protection,Limiter Protection	
Working mode		Stereo,Parallel,Bridge	
Input Connectors		1x12-pin Euroblock (3.81mm)	
Output Connectors		2x4-pin Euroblock (5.08mm)	
Input Impedance		≥20kΩ (Balanced) , ≥10kΩ (Unbalanced)	
Maximum input voltage		≥20dBu	
Gain		Stereo/Parallel: 32dB; Bridge: 38dB	
Frequency response(1W 8Ω Stereo)		20Hz-20kHz(±0.5dB)	
Crosstalk(1kHz, Rated power 8Ω, A weighted)		≥60dB	
S/N Ratio(Rated power 8Ω, A weighted)		≥108dB	
Damping factor(1kHz&8Ω)		≥500	
Intermodulation Distortion(60Hz:7kHz=4:1, half power)		≤0.05%	
THD+N(1kHz, 8Ω half power Aweighted)		≤0.05%	
Amplifier Type (Output Circuitry)		Class D	
AC Power		100-130V/220-240V(±10%,50-60Hz)	
Power consumption (1/8 output power,8Ω)		350W	
Rack space		2U	
Cooling		Fan cooling, blowing from front to back	
Dimensions(W×H×D)		483×88x410mm	
Net weight		8.5 kg	



Butterfly

Point Source / Line Array Loudspeakers

Butterfly consists of 1 pc 4-inch LF driver and 2 pcs soft dome tweeters. The HF have an exclusive T-EYE™ design, and the array layout is assembled in the center front of the speaker. The speaker has a wider frequency response and large near-field coverage, and the sound is especially defined and delicate.

Butterfly also have a modular design concept, which can be used individually or in combination with multiple speakers. it has good scalability and can flexibly adapt to various environments and applications.

Butterfly 4ca is available both in High Impedance (70V/100V) and Low Impedance (16Ω).
70V: 2.5W/5W/10W/20W
100V:5W/10W/20W/x



	Butterfly 4pro	Butterfly 4ca
Type	Point Source / Line Array Loudspeakers	Point Source / Line Array Loudspeakers
Power (RMS)	60W	60W
Power (CV)	/	2.5W/5W/10W/20W(70V) / 5W/10W/20W (100V)
Frequency Response(-10dB)	100Hz-20kHz	100Hz-20kHz
Horizontal Coverage	100°	100°
Vertical Coverage	20°	20°
MaximumCalculatedSPL/1M(Continuous/Peak)	111dB/117dB	111dB/117dB
HF Drive	2x1" Driver	2x1" Driver
LF Drive	4" Driver	4" Driver
Rated Impedance	16Ω(+1,-1)	16Ω(+1,-1)
Crossover Mode	Passive Crossover	Passive Crossover
Input Connectors	Speakon 4Pin	Speakon 4Pin
Cabinet		
Cabinet Material	ABS plastic material	ABS plastic material
Temperature range	-20 C ~+50 C	-20 C ~+50 C
Adjusted Angles	0°,4°	0°,4°
Cabinet Color	Metal gray	Metal gray
Grille	Iron mesh	Iron mesh
Grille Color	Can be customized	Can be customized
Pole Mount	M10	M10
Support Hole	M10 Support Hole	M10 Support Hole
Speaker Dimension(W×H×D)	215×122×165mm	215×122×165mm
Carton Dimension(W×H×D)	253×160×247mm	253×160x247mm
Net Weight	2.3 kg	2.5 kg
Shipping Weight	2.7 kg	2.9 kg



T8

Point Source / Line Array Loudspeakers

T8 adopts unique T-eye™ design, using 4 pcs dome tweeters, and the array layout is assembled in the center front of the speaker, which makes the speaker with wider frequency response, larger near-field coverage and smoother sound.

With modular design concept, T8 can be used in single pc or multiple pcs as line array to meet different demands. The angle of the fly bar can be adjusted 0°, 2°, 4°, 6°, 8°, 10°, 12° according to different venues and different applications. Single pc can be mounted by wall mount bracket, with the mounting degree to be adjusted vertically. T8 is with molded industrial design cabinet side cover, to work as handle and hide the pins.



	T8
Type	Point Source / Line Array Loudspeakers
Power	260W
Frequency Response(-10dB)	65Hz-20kHz
Horizontal Coverage	110°
Vertical Coverage	60°
MaximumCalculatedSPL/1M(Continuous/Peak)	122dB/128dB
HF Drive	4x1" Driver
LF Drive	8" Driver
Rated Impedance	8Ω(+1,-1)
Crossover Mode	Passive Crossover
Input Connectors	Speakon 4Pin
Cabinet	
Cabinet Material	Wood+Plastic
Adjusted Angles	0°, 2°, 4°, 6°, 8°, 10°, 12°
Coating	Durable Polyurea Coating
Temperature range	-20 C ~+50 C
Cabinet Color	Black
Grille	Iron mesh
Pole Mount	/
Speaker Dimension(W×H×D)	418×277×261mm
Carton Dimension(W×H×D)	490×340×350mm
Net Weight	8.0 kg
Shipping Weight	8.5 kg



T65+

Hi Z and Low Z Linear Source Column Speaker

The T65+ linear source column speaker has been comprehensively upgraded, with refined acoustic tuning, a fully re-engineered structure, and IP56-rated protection. Ready for indoor and outdoor sound reinforcement. Next-level performance, in every way.

T65+ passive Hi Z and Low Z linear source column speaker is built with 6 pcs 5" LF drivers and 8 pcs dome tweeters. Compared to other same size column speakers, T65+ is with more dynamic and smoother sound and wider frequency response. The drivers are arranged by elaborate calculation and Phycal™ physical calibration technology. The tweeters are designed with unique T-eye™, arranged as bow type array, which makes the vertical coverage of the T65+ much wider, ensures the well balanced and even sound of near and far field.

T65+ is equipped with wall mount brackets to adjust the angle horizontally and vertically. T65+ is built-in with voltage and impedance output switch tap, which makes T65+ with more applications.



T83+

Hi Z and Low Z Linear Source Column Speaker

The T83+ linear source column speaker has been comprehensively upgraded, with refined acoustic tuning, a fully re-engineered structure, and IP56-rated protection. Ready for indoor and outdoor sound reinforcement. Next-level performance, in every way.

T83+ passive Hi Z and Low Z linear source column speaker is built with 8 pcs 3" neodymium drivers. The drivers are arranged by elaborate calculation and Phycal™ physical calibration technology, which makes T83+ with wider near-field horizontal and vertical coverage than the normal column speaker, to meet various demands.

T83+ is equipped with wall mount brackets to adjust the angle horizontally and vertically. T83+ is inbuilt with voltage and impedance output switch tap, which makes T83+ with more applications.



T43+

Hi Z and Low Z Linear Source Column Speaker

The T43+ linear source column speaker has been comprehensively upgraded, with refined acoustic tuning, a fully re-engineered structure, and IP56-rated protection. Ready for indoor and outdoor sound reinforcement. Next-level performance, in every way.

T43+ passive Hi Z and Low Z linear source column speaker is built with 4 pcs 3" neodymium drivers. The drivers are arranged by elaborate calculation and Phycal™ physical calibration technology, which makes T43+ with wider near-field horizontal and vertical coverage than the normal column speaker, to meet various demands.

T43+ is equipped with wall mount brackets to adjust the angle horizontally and vertically. T43+ is built-in with voltage and impedance output switch tap, which makes T43+ with more applications.



	T65+	T83+	T43+
Type	Hi Z and Low Z Linear Source Column Speaker	Hi Z and Low Z Linear Source Column Speaker	Hi Z and Low Z Linear Source Column Speaker
Power	480W	240W	120W
70V/100V Power	70V:120W/60W/30W/15W 100V:120W/60W/30W	70V:120W/60W/30W/15W 100V:120W/60W/30W	70V:60W/30W/15W/7.5W 100V:60W/30W/15W
Frequency Response	60Hz-20kHz	110Hz-20kHz	110Hz-20kHz
Horizontal Coverage	110°	120°	120°
Vertical Coverage	30°	40°	40°
Maximum Calculated SPL/1M (Continuous/Peak)	129dB/135dB	124dB/130dB	121dB/127dB
HF Drive	8x1"	/	/
LF Drive	6x5"	8x3" Full frequency	4x3" Full frequency
Rated Impedance	4Ω(+1,-1)	4Ω(+1,-1)	8Ω(+1,-1)
Crossover Mode	Passive Crossover	/	/
Input Connectors	Euroblock	Euroblock	Euroblock
Cabinet			
Cabinet Material	Wood	Wood	Wood
Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating
Temperature range	-20℃~+50℃	-20℃~+50℃	-20℃~+50℃
Cabinet Color	Black	Black	Black
Grille	Aluminum mesh	Aluminum mesh	Aluminum mesh
Speaker Dimension(W×H×D)	166×960×240mm	121×886×157mm	121×515×157mm
Carton Dimension(W×H×D)	1152×321×243mm	1068×186×232mm	697×186×232mm
Net Weight	15.0 kg	7.0 kg	4.0 kg
Shipping Weight	17.5 kg	8.5 kg	5.5 kg



T65

Hi Z and Low Z Linear Source Column Speaker

T65 passive Hi Z and Low Z linear source column speaker is built with 6 pcs 5" LF drivers and 8 pcs dome tweeters. Compared to other same size column speakers, T65 is with more dynamic and smoother sound and wider frequency response. The drivers are arranged by elaborate calculation and Phycal™ physical calibration technology. The tweeters are designed with unique T-eye™, arranged as bow type array, which makes the vertical coverage of the T65 much wider, ensures the well balanced and even sound of near and far field.

T65 is equipped with wall mount brackets to adjust the angle horizontally and vertically. T65 is built-in with voltage and impedance output switch tap, which makes T65 with more applications.



T83

Hi Z and Low Z Linear Source Column Speaker

T83 passive Hi Z and Low Z linear source column speaker is built with 8 pcs 3" neodymium drivers. The drivers are arranged by elaborate calculation and Phycal™ physical calibration technology, which makes T83 with wider near-field horizontal and vertical coverage than the normal column speaker, to meet various demands.

T83 is equipped with wall mount brackets to adjust the angle horizontally and vertically. T83 is inbuilt with voltage and impedance output switch tap, which makes T83 with more applications.



T43

Hi Z and Low Z Linear Source Column Speaker

T43 passive Hi Z and Low Z linear source column speaker is built with 4 pcs 3" neodymium drivers. The drivers are arranged by elaborate calculation and Phycal™ physical calibration technology, which makes T43 with wider near-field horizontal and vertical coverage than the normal column speaker, to meet various demands.

T43 is equipped with wall mount brackets to adjust the angle horizontally and vertically. T43 is built-in with voltage and impedance output switch tap, which makes T43 with more applications.



	T65	T83	T43
Type	Hi Z and Low Z Linear Source Column Speaker	Hi Z and Low Z Linear Source Column Speaker	Hi Z and Low Z Linear Source Column Speaker
Power	480W	240W	120W
70V/100V Power	70V:120W/60W/30W/15W 100V:120W/60W/30W	70V:120W/60W/30W/15W 100V:120W/60W/30W	70V:60W/30W/15W/7.5W 100V:60W/30W/15W
Frequency Response	60Hz-20kHz	110Hz-20kHz	110Hz-20kHz
Horizontal Coverage	110°	120°	120°
Vertical Coverage	30°	40°	40°
Maximum Calculated SPL/1M (Continuous/Peak)	129dB/135dB	124dB/130dB	121dB/127dB
HF Drive	8x1"	/	/
LF Drive	6x5"	8x3" Full frequency	4x3" Full frequency
Rated Impedance	4Ω(+1,-1)	4Ω(+1,-1)	8Ω(+1,-1)
Crossover Mode	Passive Crossover	/	/
Input Connectors	Euroblock	Euroblock	Euroblock
Cabinet			
Cabinet Material	Wood+Plastic	Wood+Plastic	Wood+Plastic
Coating	Durable Polyurea Coating	Durable Polyurea Coating	Durable Polyurea Coating
Temperature range	-20℃~+50℃	-20℃~+50℃	-20℃~+50℃
Cabinet Color	Black	Black	Black
Grille	Iron mesh	Iron mesh	Iron mesh
Speaker Dimension(W×H×D)	184×1077×255mm	121×918×191mm	121×549×146mm
Carton Dimension(W×H×D)	1255×340×475mm	1069×185×445mm	730×235×210mm
Net Weight	15.0 kg	7.0 kg	3.6 kg
Shipping Weight	33.0 kg(2pcs)	17.0 kg(2pcs)	9.5 kg(2pcs)



TW8
Subwoofer

TW8 subwoofer adopts compact and flat cabinet structure and innovative industrial design, which enables it to match with different venues and applications easily. TW8 is super compact and light weight. It can be wall mount and ceiling mount. The side part on the cabinet is molded user friendly ergonomic design, which can be used as handle for easy transport.

Wall-mount bracket is included for TW8, for both wall mount and ceiling mount.

TW8	
Type	Subwoofer
Power	200W
Frequency Response(-10dB)	48Hz-300Hz
MaximumCalculatedSPL/1M(Continuous/Peak)	122dB/128dB
HF Drive	/
LF Drive	1x8" driver
Rated Impedance	8Ω(+1,-1)
Crossover Mode	Built-in (passive) crossover
Input Connectors	Euroblock
Cabinet	
Cabinet Material	Wood+Plastic
Coating	Durable Polyurea Coating
Temperature range	-20 C ~+50 C
Cabinet Color	Black
Grille	Iron mesh
Pole Mount	/
Speaker Dimension(W×H×D)	610×300×255mm
Carton Dimension(W×H×D)	689×380x299mm
Net Weight	8.0 kg
Shipping Weight	11.0 kg

Speaker Accessories



- WM-BTF
Wall Mount /Monitor Bracket

- Dimension (WxHxD):
140x55x117mm



Individual Wall Mount



Monitor



- FF-BTF
Flying frame

- Dimension (WxHxD):
164x30x205mm



- LAW-BTF
Line Array Wall Mount Bracket

- Dimension (WxHxD):
164x100x300mm



- PMA-BTF
Pole Mount Bracket

- Dimension (WxHxD):
164x92x205mm



- WM-T8
Wall Mount Bracket

- Dimension (WxHxD):
371x60x176mm



- FB-T8
Hanging Bracket

- Dimension (WxHxD):
383x48x469mm



- LAW-T8
Wall Mount Bracket

- Dimension (WxHxD):
383x160x610mm



- WM05-BL/WM05-W
Wall Mount Bracket
(Able to adjust horizontally and vertically)

- Dimension (WxHxD):
86x85x150mm



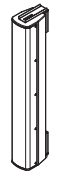
- WM-TW8
Wall Mount Bracket

- Dimension (WxHxD):
238x60x100mm



- WM07-BL/WM07-W
Wall Mount Bracket
(Able to adjust horizontally)

- Dimension (WxHxD):
162x148x50mm



Artist

Where Commercial Meets Professional

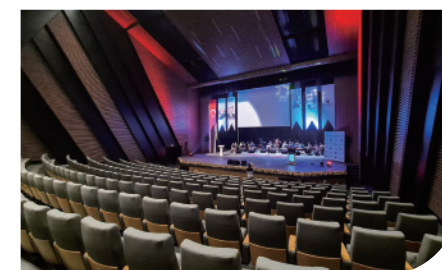
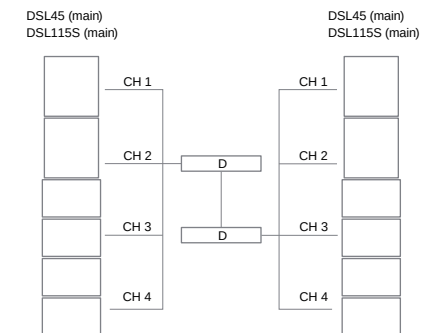
Sound System Configuration



**Istanbul 2,000-seat
Gymnasium**

Sound System Configuration

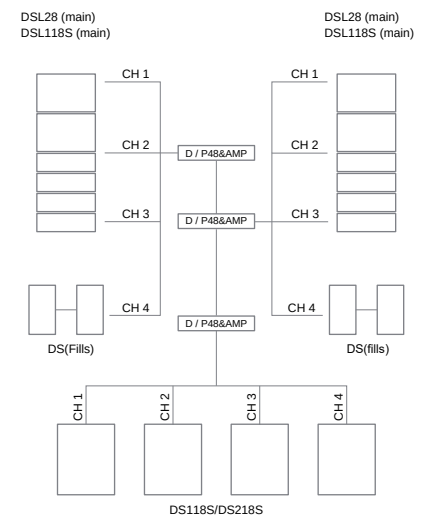
- Main PA System**
DSL45
DSL115S
- Power Amplifier**
D Series DSP Digital Power Amplifiers



Isparta ITKM Cultural Center

Sound System Configuration

- Main PA System**
DSL28
DSL118S
DS118S/218S
- Side Fill System**
DS10
- Power Amplifier**
D Series DSP Digital Power Amplifiers

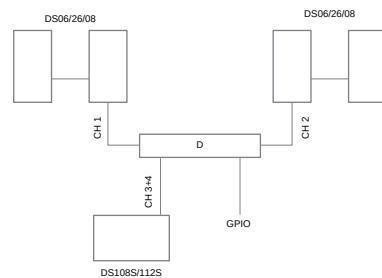




DERROCHE
Beach Bar & Restaurant

Sound System Configuration

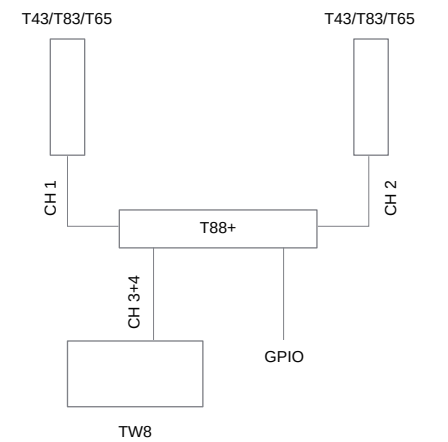
- **Speaker System**
DS06/26/08
DS108S/112S
- **Power Amplifier**
D Series DSP Digital Power Amplifiers



American Hard Rock Café

Sound System Configuration

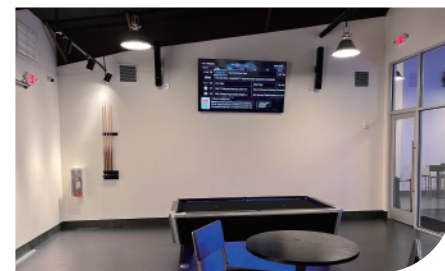
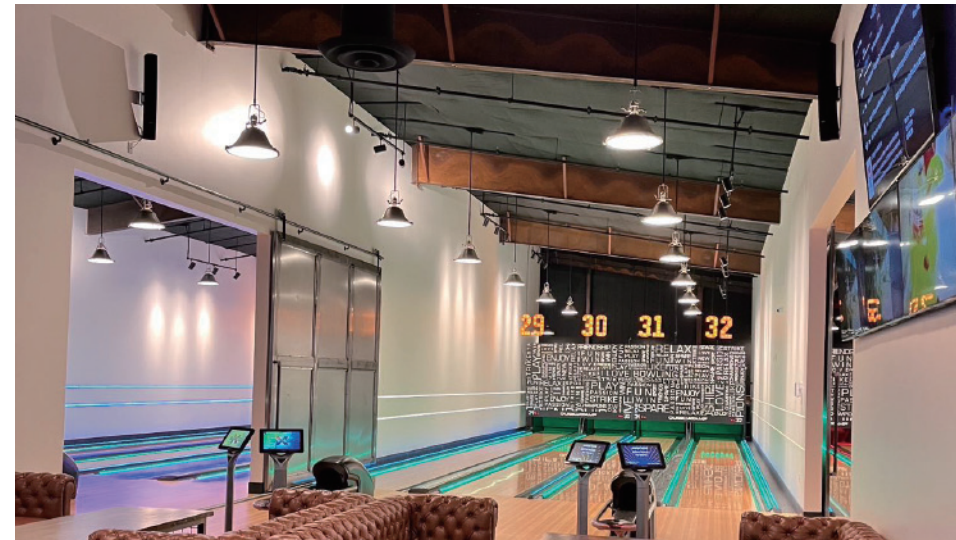
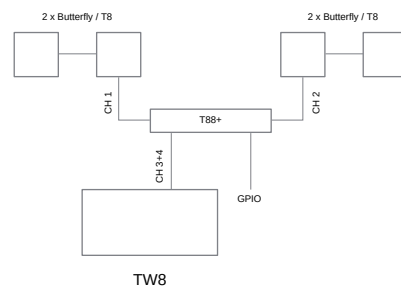
- **Speaker System**
T43/T83/T65
TW8
- **Audio Matrix**
T88+
- **Power Amplifier**
T4800/T8800



Santo Niño Parish Church in
Tacloban, Philippines

Sound System Configuration

- **Speaker System**
Butterfly/ T8
TW8
- **Audio Matrix**
T88+
- **Power Amplifier**
T4800/T8800



Mexican Bowling Alley

Sound System Configuration

- **Speaker System**
T43/T83/T65
TW8
- **Audio Matrix**
T16+
- **Power Amplifier**
T4800/T8800

