



2019

Dayton Audio Components Guide

DAYTONAUDIO
Your path to great sound.™

WELCOME TO DAYTON AUDIO



How do you guarantee superior performance? You work at it. Develop a great concept, choose the best tools, build the product correctly from premium materials—these are the secrets to Dayton Audio's enviable stature in a very competitive market.

Dayton Audio loudspeaker drivers compete with the world's finest. Manufacturers and consumers who use our speakers know this. Our plate amplifiers suit custom in-cabinet installation, while other models offer stand-alone elegance. DATS and OmniMic test & measurement systems are embraced by speaker hobbyists, pro audio contractors, and factory engineers.

Our proven products combine real-world design excellence with high-tech manufacturing. Everything that carries Dayton Audio's label meets stringent quality standards and is backed by industry-leading warranties and support.

HISTORY



For over two decades, Dayton Audio has specialized in audio components, particularly the field of loudspeaker design and production. While most of the engineering and development work is performed in the US, Dayton Audio goods are manufactured in North America, Europe, and Asia. This synchronicity offers benefits of quality, logistics, and performance without compromise. Throughout the years, Dayton Audio products have received worldwide acclaim and are often compared favorably to similar items costing far more.

MISSION/VALUE

- Gain a thorough understanding of our partners' requirements
- Design with intelligence and passion
- Use strategic planning for effective management and to exploit all possible opportunities for customers' advantage
- Employ environmentally-conscious methods of manufacturing, packaging, and freight

Innovation. Value. Quality. Aren't these what you want in an audio product? There's no reason to settle for anything less. Dayton Audio's mission is to calibrate a fine balance between technology and art in order to exceed our customers' expectations. Competitive costs and after-sale support also feature heavily in Dayton Audio's vision of excellence. Our engineering team collaborates with OEM/ODM partners in order to create optimized, personalized product platforms.

TEAM/EXPERIENCE



Dayton Audio's experienced team of designers place a high value on technical excellence, product reliability, and consistency of electro-acoustical performance. Our 20+ years of inspired, rational engineering has led to international acclaim by the loudspeaker community in particular. Never, in the pursuit of our audio goals, do we compromise on functionality or quality control.

FROM CONCEPT TO PRODUCTION

Dayton Audio offers custom Original Equipment Manufacturer (OEM) and Original Design Manufacturer (ODM) services. This means we not only offer custom branded solutions within our product areas, but are a complete developmental partner capable of implementing fully customized product solutions—from concept to production!

Research and Development

The Dayton Audio product development team interacts continuously with industry professional associations such as ALMA (Association of Loudspeaker Manufacturing & Acoustics), CEA, NAMM, and CEDIA. This connectivity, often in a leadership role, with the forefront of the audio and electronics trades ensures Dayton Audio's ability to offer retail consumers and OEM/ODM partners the highest magnitude of benefits.

Our research & development team relies on state of the art, industry-standard tools, including the Klippel Distortion Analyzer (motor design, voice coil position, suspension geometry), Klippel Power Monitor 8 (power handling and heat dissipation), and CLIO (frequency response).

Our experience and proficiency have enabled us to be developers of our own test & measurement solutions, including OmniMic and DATS, making Dayton Audio expertise available to everyone involved in the field of electro-acoustic transducer design and evaluation. These combined technologies are interlaced with extensive listening tests in order to achieve optimum results when the product is deployed.

Quality

Dayton Audio's passion for audio performance is combined completely with a commitment to total product quality. Our experience satisfying the needs of end users enriches our ability to service OEM/ODM partners.

By utilizing quality control processes such as FMEA (Failure Mode Effect Analysis), PPAP (Product to Part Approval Process), DATS (Dayton Audio Test System), and Klippel, Dayton Audio is able to offer total assurance of product performance.

Logistics and Delivery

Superb design and competent project management amount to little unless they are accompanied by capable logistical support. The Dayton Audio facility includes thousands of cubic feet of warehouse space, located in a vibrant 90-minute market that also enjoys excellent international shipping access. Our pro warehousing team uses advanced inventory control and management technologies to move your orders down the street or across the world. Dayton Audio products are available worldwide from a global network of distributors.

Dayton Audio's proven ability to conceive, design, produce, and deliver a product ensures that cost and capitalization are reduced from your operating budgets, while guaranteeing consistent, predictable service.

Great Ideas Brought to Market

Add up Dayton Audio's design and manufacturing competencies, experienced support personnel, and financial stability—the numbers make a lot of sense for your business.

To inquire about implementing your own custom program,

please contact us via info@daytonaudio.com or call 937-743-8248 today!



NEW FROM DAYTON AUDIO



DMA Series Drivers

Dayton Audio presents the DMA series drivers and passive radiators. With aluminum cones, dual neodymium motors with copper caps, and proprietary open chassis design these full-range drivers are perfect for your next high performance line array or smart speaker design.



BSA-200 High Power Bass Shaker Amplifier

The Dayton Audio BSA-200 high power bass shaker amplifier is designed and built specifically to power tactile transducers but works equally as well as a dedicated subwoofer amplifier. Its small form factor makes it perfect for tight spaces, while the included brackets allow for vertical or horizontal mounting. The frequency and balance knobs let you dial in the desired crossover point and output, giving you total control over your set-up.



PPA800DSP 2-Way Plate Amplifier 800W 2-Channel with DSP and Bluetooth

With customizable DSP and 800 watts of clean power (600W for low frequencies; 200W for highs), Dayton Audio's PPA800DSP is perfect for building your own powered PA speakers or even retrofitting existing passive speakers. With the ability to set crossover frequency, parametric EQ, and delay for each channel the possibilities are endless.



KAB-230v3 and KAB-250v3 Class D Audio Amplifier with Bluetooth 4.0

These Dayton Audio Bluetooth Amplifier Boards deliver high quality sound without drawing a lot of power due to the highly efficient Texas Instruments TPA3116 Class D amplifier chip. The TI TPA3116 operates at 90% efficiency, thus eliminating the need for a heat sink and reducing its overall size. Unlike other amplifier boards, these KAB boards include a built-in Bluetooth 4.0 module with aptX. The advantage of Bluetooth 4.0 is its low power consumption which prolongs the playtime of battery powered builds.

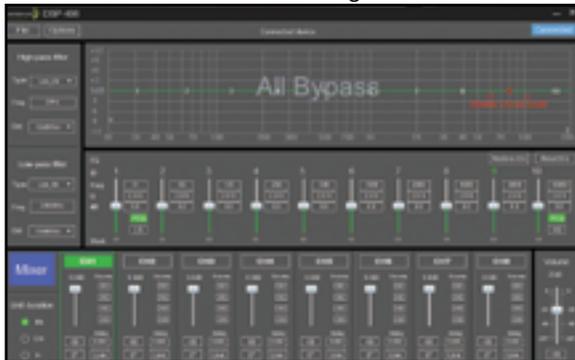


DSP-408

THE ULTIMATE IN AFFORDABLE SIGNAL PROCESSING

The Dayton Audio DSP-408 is a feature-rich 4 input, 8 output digital signal processor that was designed to give you the tools to contour your audio system to fit your tastes. The DSP-408 allows the user to choose the application of their device. With two methods of powering the DSP, this processor is the perfect addition to your home or car audio system.

Windows Program



Mobile App



The most unique feature of the DSP-408 is the ability to operate in a vehicle or home audio system right out of the box. This adaptation allows users to utilize a single model of DSP for all their audio processing needs.

The ability to control this DSP is provided via a Windows application or via Bluetooth connection to an Android or iOS device when paired with the Dayton Audio DSP-BT4.0. The volume and preset selection for the DSP can also be controlled by the optional wired remote.

For many individuals, the pursuit of perfect sound quality is a never-ending quest. When utilizing all the features the DSP-408 offers, the ability to manipulate and improve the sound quality of your audio system is simply astonishing. Connect to your DSP-408 and get to work!

Optimize the DSP-408 performance with these accessories.



Dayton Audio DSP-RC Wired Remote Control for DSP-408

Dayton Audio DSP-BT4.0 Bluetooth Data and Streaming USB Interface for DSP-408



HIGH PERFORMANCE LOUDSPEAKER SOLUTIONS

Mini Drivers, Exciters & Specialty Transducers

CE Series Micro/Mini Drivers

Each CE Series driver provides excellent audio quality no matter what the overall system design goals may be. These versatile yet economical loudspeakers are available in sizes from 28 mm (1-1/8") to 90 mm (3-1/2") in diameter, and with power ratings from 1.5 watts to 5 watts continuous RMS power. Miniature audio applications deserve full-sized design solutions, and Dayton Audio's CE Series offers big-speaker engineering in a small-speaker format.



CE30P-4

- High-output double neodymium magnet motor



CE40-28P-8

- Slim design for narrow and shallow profile installation



BMT25-4

- Unique, square-shaped form for tight driver-to-driver placement



Exciters & Specialty Transducers

Exciters and surface transducers convert virtually any substrate into invisible full-range sound. They are used in many industries, including gaming, point of purchase, robotics, displays, transportation, glass, and signage. Because of their low profile nature, these devices can be used in the most creative ways to introduce sound into markets that have been without audio due to environmental or space limitations. Exciters offer much wider dispersion and less attenuation with distance.

Exciter transducers turn virtually any surface into amazing sound.

Learn more about this technology by reading our whitepaper at daytonaudio.com



Bass Shakers



Tactile Puck



Heavy Duty High Power



Weatherproof



Bone Conductor



Miniature



Coin Size



Flat Pack



Quad Feet



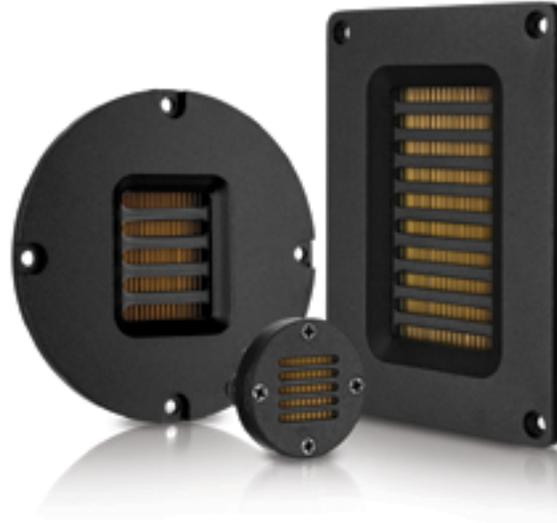
Thruster

HIGH PERFORMANCE LOUDSPEAKER SOLUTIONS

Tweeters and Midranges

AMT Series Tweeters

- Resolution and detail that exceeds the capabilities of most dome tweeters
- Powerful, lightweight neodymium magnet structure for low distortion and high efficiency



Planar Series Tweeters

- Superb resolution and detail for the most discerning audiophile
- Wide horizontal and narrow vertical dispersion patterns are ideal for line array use



Neo Tweeter Series

- Excellent sensitivity, smoothness, and power handling
- Economical 2-way option with most small woofers



Reference & Classic Series Tweeters

- Low-distortion motors and premium diaphragms deliver superb accuracy
- Advanced transducers for monitor-quality loudspeaker systems



Reference & Classic Series Dome Midranges

- Low-mass treated fabric or aluminum diaphragm for articulate reproduction
- Excellent off-axis response, especially at higher frequencies

HIGH PERFORMANCE LOUDSPEAKER SOLUTIONS

Woofers, Midranges, and Full-Ranges



Neo-Balanced Series

- Neo-Balanced underhung motor structure with copper alloy shorting ring provides low distortion, wide-range performance
- Great for line arrays and micro monitors
- Matching passive radiators available
- Available in 2-1/2", 3-1/2", 4", and 5-1/4"



Esoteric Series

- Minimal power compression, huge dynamic range, incredible detail
- Sophisticated neodymium motors with distortion-reducing copper shorting rings and/or caps
- Available in 5-1/2" and 7"



Designer Series

- Handles full rated power at the lowest possible frequencies, without exceeding Xmax
- Yields a low 3 dB down point and high potential output in reasonably sized cabinets
- Matching passive radiators available
- Available in (treated paper/aluminum) 3", 4", 5", 6-1/2", 8", 10", and 12"



Classic Series

- Parameters match a wide range of applications for both replacement and new projects
- Very durable, unsurpassed value, great sonic quality
- Available in 5-1/4", 6-1/2", 8", 10", 12", and 15"



Reference Series

- One of the lowest distortion, highest resolution driver series available anywhere
- Transcendent performance combined with a surprisingly realistic price
- Available in (paper/aluminum) 3", 4", 5", 6", 7", 8", and 10"



Point Source Series

- High sensitivity/minimal distortion—an ideal match for lower powered amplifiers
- Parasitic HF cone and carefully engineered phase plug extend on- and off-axis response
- Available in 3-1/2", 6-1/2", and 8"



DMA Series

- Dual magnet assembly using high power neodymium magnets
- Proprietary polymer frame with extensive venting and open design
- Matching passive radiators available
- Available in 1-1/2", 2", 2-1/2", 3", 3-1/2", and 4"



Poly Cone Series

- Poly damped woven glass fiber cone controls cone break-up and provides a smooth roll-off
- High energy ferrite magnet increases BL for higher efficiency and more output
- Available in 2-1/2", 3", and 4"



Coaxial Series

- Full-range with accurate bass and extended high frequency response
- Open cast frame for improved air flow and reduced power compression
- Available in 4" and 5-1/4"

HIGH PERFORMANCE LOUDSPEAKER SOLUTIONS

Woofers, Midranges, and Full-Ranges



EPIQUE by Dayton Audio

Epique Drivers by Dayton Audio

- Ultra-stiff carbon fiber cone
- FEA optimized underhung neodymium motor design
- Titanium voice coil former guarantees very low energy storage and good heat transfer
- Available in 5-1/4" and 8"



Pro Series

- FEA-optimized neodymium magnet assembly for generous Xmax
- Copper shorting ring, dual spiders, triple roll surround
- 4" aluminum voice coil, and glass fiber former for outstanding high power handling
- Available in 5", 6", 8" 10", 12", 15", and 18"

HIGH PERFORMANCE LOUDSPEAKER SOLUTIONS

Subwoofers



DVC Series

- Dual voice coils present expanded connection options compared to single coils
- Outstanding subwoofer performance in home and mobile audio applications
- Matches Designer Series drivers
- Available in 8", 10", and 12"



Reference Series

- Extensively vented motor eliminates compression and allows quiet excursion
- Extra-thick black anodized aluminum cone for maximum rigidity
- Triple shorting ring motor for ultra-low distortion
- Matching passive radiators available
- Available in 8", 10", 12", 15", and 18"



Classic Series

- High excursion low distortion motors using 4-layer voice coils, copper caps, vented pole pieces, and extended back plates
- Designed to deliver powerful low end response from modest sized enclosures
- Available in 6-1/2", 8", 10", 12", 15", and 18"



Low Profile Series

- Innovative low profile design
- Rigid flat honeycomb fiberglass cone maintains its integrity under severe conditions
- Available in 6", 10", and 12"



Ultimax Series

- The apex of subwoofer design—purpose-built to move air and create clean, articulate bass
- Copper shorting rings and dual spiders limit distortion and increase linearity
- Available in 8", 10", 12", 15", and 18"

DAYTON AUDIO ENGINEERED AMPLIFIERS

Mini Amplifiers



DTA-PRO 100W Class D Bluetooth Amplifier

- High quality 192 kHz/24-bit DAC sampling rate
- High output remote controlled DAC and amplifier in one small package
- Several input options: 3.5 mm, coaxial, optical, and USB



DTA-1 Class D Digital AC/DC Amplifier

- Versatile, palm-sized Class D 30 watt amplifier
- 88% amp efficiency reduces power requirements



DTA-120BT 60W Class D Digital Bluetooth Mini Amplifier

- Provides articulate amplification for your loudspeakers and headphones via analog or Bluetooth input
- Efficient Class D design delivers 60 watts RMS output into stereo 4 ohm loads



**DA30 2 x 15W Class D
Bridgeable Mini Amplifier**

- Clear, articulate hi-fi sound quality, but built for the tough requirements of commercial duty
- For classrooms, boardrooms, bedrooms, and more



**DTA-2.1BT2 100W Class D 2.1 Digital
Bluetooth Mini Amplifier**

- User selectable sub crossover frequency knob
- Wide selection of inputs: Bluetooth, RCA, and 3.5 mm
- High-quality binding posts to ensure a solid connection
- Perfect to power two speakers and a subwoofer

DAYTON AUDIO ENGINEERED AMPLIFIERS

Plate Amplifiers



WF60PA 60W Class D Plate Amplifier with Wi-Fi and Bluetooth

- Convenient wireless remote allows full control
- Multiple input options including Wi-Fi, optical, RCA, 3.5 mm, and Bluetooth 4.0 with aptX®



Compact Subwoofer Plate Amplifiers

- Power output from 25 to 250 watts RMS @ 4 ohms for smaller subwoofer drivers
- Perfect fit for computer workstations, dorm rooms, and typical home theaters



PPA800DSP 2-Way Plate Amplifier 800W 2-Channel with DSP and Bluetooth

- High power 2-way plate amp with DSP for creating active speaker systems
- Customizable crossover frequencies, parametric EQs, limiter, and delay
- Simple user interface allows easy DSP adjustment (Windows compatible)



SPA250DSP, SPA500DSP, and SPA1200DSP Subwoofer Plate Amplifiers

- Efficient Class D output topology ensures high-impact, low frequency performance
- Fast, intuitive PC-based GUI software enables full access to DSP functions



SPA500 and SPA1000 Subwoofer Plate Amplifiers

- Powerful Class AB output stage for clean, controlled low-distortion output
- Patented tracking downconverter power supply for high efficiency and great dynamics

DAYTON AUDIO ENGINEERED AMPLIFIERS

Amplifiers



BSA-200 200W Bass Shaker Bridgeable Stereo Amplifier

- Use in bridged or stereo mode depending on application
- Robust 2 ohm minimum impedance provides maximum output to bass shakers
- RCA line in and out for daisy chaining multiple units
- Includes wired remote



WF150A Wi-Fi Bluetooth Multi-Room 2 x 75W Stereo Amplifier

- Highly efficient 2 x 75 watt stereo amp with Wi-Fi and Bluetooth connectivity
- Create multi-room audio by grouping multiple amps
- Control music playback, system management, and zone functionality from the Hi-Fly app



**70V Amplifiers
Model #s DA10T, DA20T, DA40T,
DA60R, DA120R, DA240R**

- Flexible 70V / 100V or 4 - 16 ohm compatibility
- 1/4" Mic and XLR/TRS Mic, RCA Aux, and terminal block Tel inputs
- Line output for easy integration with additional equipment



APA150 2-Channel Amplifier

- High current, discrete output design runs cool and quiet—and sounds great
- Compact and versatile, even doubles as a subwoofer amp



APA102BT Class D Bluetooth Stereo Amplifier

- Powerful and efficient class D design delivers precise uncolored audio
- Bluetooth 4.2 with wireless audio technology

DAYTON AUDIO ENGINEERED AMPLIFIERS

Multi-Zone and Subwoofer Amplifiers



**MA1240a and MA1260
Multi-Zone 12-Channel Amplifiers**

- Independent and bus inputs enable unparalleled flexibility for whole-house audio
- Bridgeable channel outputs provide additional power when needed



**DAX66 Distributed Whole House
Audio System**

- System controlled by IR remote, keypad, or automation system via RS232 interface
- Six source inputs, six zone outputs; expandable to 18 zones



SA230 Subwoofer Amplifier

- Mono Class AB output stage for solid, well defined output
- Variable gain, bass boost, crossover frequency, and phase adjustment guarantee perfect integration



SA1000 Subwoofer Amplifier

- The raw power and efficiency of a pro-sound amp, but with far more refinement
- Low frequency parametric EQ boosts or cuts for a custom-tailored response



WBA31 Wireless Wi-Fi & Bluetooth Audio Receiver with IR Remote

- Hi-Fly app for device and streaming management
- Bluetooth connection for wireless streaming from your Bluetooth enabled device
- Micro SD card, 3.5 mm, and optical outputs



WFA400 Wi-Fi and Bluetooth Audio Receiver

- Control up to 4 zones of audio wirelessly via your smart phone or other wi-fi enabled devices
- DLNA and Apple Airplay compatible
- Each zone equipped with RCA, coaxial, and optical outputs
- USB inputs on each zone allow for mass storage connection



Front view

Rear view

WFA28 Multi-Room Wi-Fi Audio Adapter with IR Remote and Optical Output

- Connects to any existing amplifier or receiver for an instant Wi-Fi audio upgrade
- Output analog audio via 3.5 mm jack or digital audio through Toslink
- Added on/off switch and wireless remote that controls volume and more
- Improved high-gain dual antenna design increases range and connectivity



Front view

Rear view

WF40A Multi-Room Wi-Fi 2x20W Amplifier with IR Remote

- Highly efficient 2 x 20 watt amp with built-in Wi-Fi connectivity
- Group multiple amplifiers together to create a wireless multi-room sound system
- Control music and zones from the Hi-Fly app
- On/off switch and wireless remote controls volume and more

Authorized Distribution Partner of **Linkplay** Technology Inc.

As a preferred integration partner for Linkplay Technology we provide consulting, design and integration expertise for customers interested in incorporating Linkplay's patented turnkey Wi-Fi hardware and software into audio and electronic projects all around the world. We have resources to get your project started, from reference schematics and design concepts to guidelines, software applications and testing toolkits for debugging before launch.

With more than 30 years of audio manufacturing experience we understand time-to-market is crucial, and our team of experts can assist manufacturers and OEMs with customized solutions to get your product ready for launch as quickly and seamlessly as possible.

Solutions include hardware, software and APP development for multi-room audio, Amazon Alexa Voice Service (AVS) and Amazon Dash Replenishment Service (DRS).

DAYTON AUDIO WI-FI AUDIO MODULES

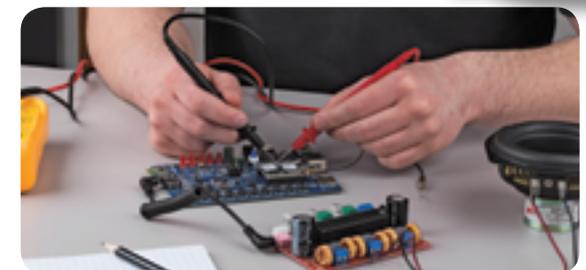
Hi-Fly™ Multi-Room Wi-Fi Audio Technology



With the Hi-Fly™ app, you can stream your favorite online music services, listen to music directly from your device, or play from your home computer.

All Dayton Audio Hi-Fly™ products work in harmony with the Hi-Fly™ app to provide the ultimate in affordable multi-room, multi-channel, and multi-user audio.

Your music. Your way.
TAKE CONTROL



EXPERT TEST & MEASUREMENT TOOLS

Audio Analysis System

DATS V2
SYSTEM

DATS V2

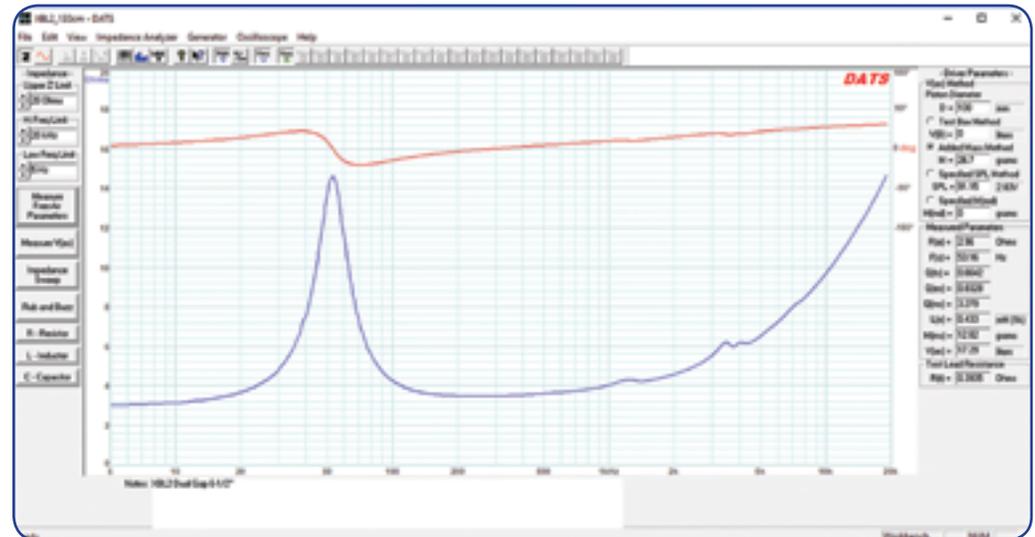
- Highly accurate measurement of loudspeaker impedance and T/S parameters
- Easy-to-use, fully-featured measurement software with intuitive interface
- Compact USB measurement module with molded test leads and alligator clips
- Software includes signal generator, scope, and measurement of inductors and capacitors
- Data can be saved to create a driver parameter library or exported to popular box design programs
- New V2 hardware and software simplify setup and eliminate warm-up/cool-down times

Any engineer knows that valid and accurate data is crucial to great results. DATS (Dayton Audio Test System) V2 is the essential tool in any speaker designer's or audio engineer's toolbox, providing accurate, precise measurement data for any audio transducer or loudspeaker system. Save yourself time, money, and trial-and-error frustration by using DATS V2 to measure loudspeaker drivers, crossover networks, and complete audio systems!

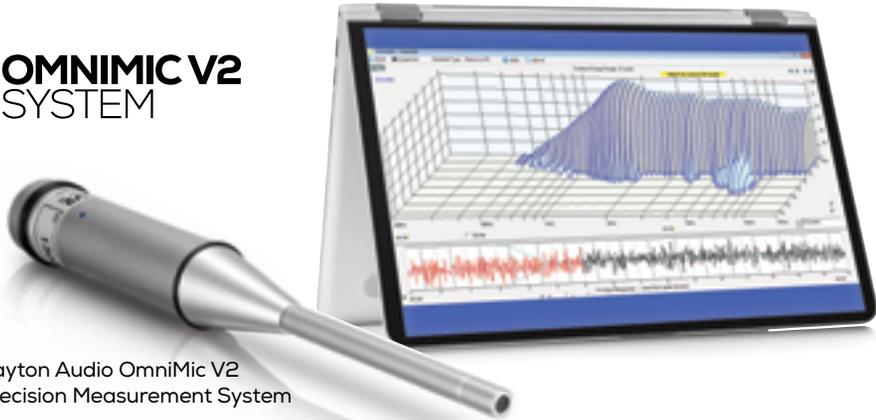


Advantages:

- Accurate measurement of loudspeaker electromechanical parameters (F_s , Q_t , V_{as} , and many more)
- Measurement of advanced Wright Model parameters (K_r , X_r , K_i , X_i) for precision simulations
- Precise, high-resolution impedance response measurements with 30,000 data points (1 Hz to 20,000 Hz)
- Save and compare up to 20 impedance graphs simultaneously within one test file
- Integrated quality control feature set provides pass/fail parameter measurement (QC Pack)
- Sensitive rub and buzz detection functionality reveals hidden flaws in individual drivers (QC Pack)
- Software signal generator with selectable waveform, frequency, and amplitude
- Generates sine, square, triangle, saw tooth, impulse, pink noise, and log sweeps
- Oscilloscope software mode with dual traces, plus adjustable time and amplitude scales
- Quality test interface hardware assembled using precision SMT components and automation
- Includes method for calculating V_{as} from specified M_{md}



OMNIMIC V2 SYSTEM



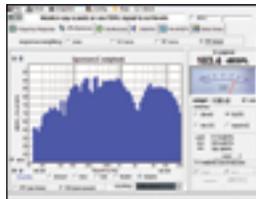
Dayton Audio OmniMic V2 Precision Measurement System

- Updated software and improved hardware
- Compact, portable, accurate, affordable
- Intuitive software—open the box and start testing in minutes
- Perfect for setting up home theater systems
- Optimized for use with netbooks and laptops

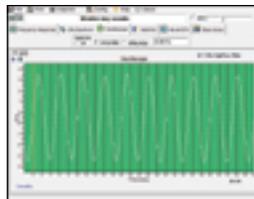
Years ago, speaker builders had to rely on speaker design models (essentially operating in the dark) or spend thousands of dollars on expensive, temperamental equipment just to get a glimpse at how their speakers were performing. Not any longer! At nearly 1/10th the price of its closest competitor, you can't afford not to buy the Dayton Audio OmniMic V2 precision measurement system!

Measurements:

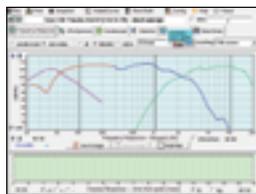
- SPL meter with A, B, C, or no weighting
- Spectrum analyzer, FFT, or RTA
- Frequency response with phase and impulse response
- Oscilloscope function to view complex waveforms
- Harmonic distortion: 2nd, 3rd, 4th, 5th harmonics plus THD
- RT60 reverberation: measures sound reflection
- Bass decay function identifies room modes and helps determine proper subwoofer placement
- Polar Plotting, in flat or 3D radar format
- Wavelet Spectrogram (color) to the Waterfall group



SPL/Spectrum



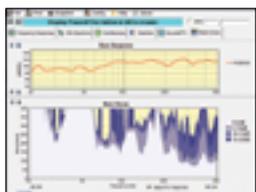
Oscilloscope



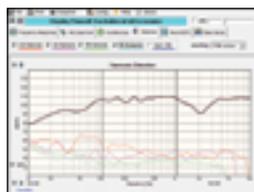
Frequency Response



Reverb/ETC



Bass Decay



Distortion

Dayton Audio's OmniMic V2 is the must-have acoustic measurement system for audio system integrators, acoustic engineers, and residential A/V installers, and has the power to turn a do-it-yourself speaker builder into a speaker designer.

EXPERT TEST & MEASUREMENT TOOLS

Precision Measurement System and Microphones

UMM-6 USB Measurement Microphone



- Precision condenser microphone for critical measurement and recording applications
- Matches the level of precision previously offered only by expensive measurement equipment
- True omnidirectional pattern with calibrated flat frequency response
- Compatible with most industry-standard measurement software

EMM-6 Electret Measurement Microphone



- Designed to excel at audio measurement and critical recording applications
- Perfect for use with room acoustic analyzers and audio measurement systems
- Low noise FET input reduces low-frequency distortion
- Gold-plated XLR output connector for accurate signal transfer

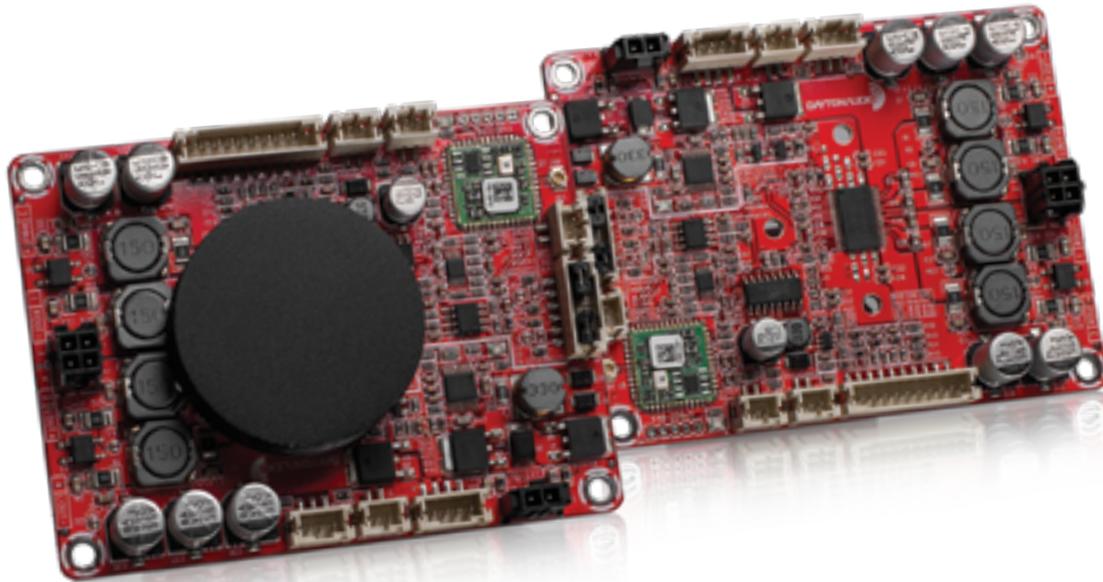
iMM-6 Smart Phone & Tablet Calibrated Measurement Microphone



- Turns your iPad, iPhone, or Android device into a laboratory grade audio measurement tool
- Precision condenser microphone for use via 3.5 mm TRRS headset jack
- True omnidirectional pattern with calibrated flat frequency response
- Kickstand feature elevates and angles device and microphone capsule

PREMIUM LOUDSPEAKER COMPONENTS

Amp Boards, Inductors, Capacitors, and Resistors



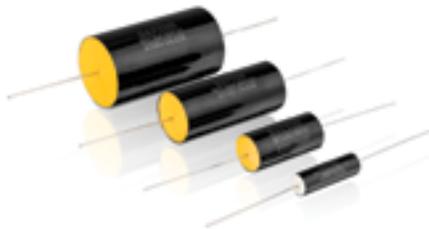
KAB Bluetooth Amplifier Boards

- Integrated Bluetooth and wiring harnesses make installation simple
- Extreme versatility allows for endless applications



DTA-2 Class D Digital Audio Amplifier Module

- Turnkey audiophile amp module for custom installations
- Class D digital amplification based on the Tripath TA-2024 IC



Capacitors

Precision 1% Metalized Polypropylene

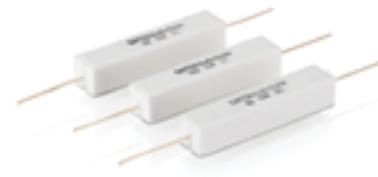
- Tightest capacitor tolerance available
- Extra-thick tinned copper leads

Metalized Polypropylene

- High current capacity
- Specifically designed for crossovers

Film & Foil Polypropylene

- Ideal for bypass use
- Superior sonic detail



Resistors

- 10W audio-grade
- Precision 2% tolerance
- Gold plated leads



Perfect Layer Air Core, Foil Air Core, and Iron Core Inductor Crossover Coils

- High purity copper
- Low DCR

PREMIUM LOUDSPEAKER COMPONENTS

Binding Posts, Binding Post Plates, Crossovers, and Speaker Spikes



Speaker Crossovers

- Designed using a second order (12dB) Linkwitz-Riley alignment
- Unique jumper on low pass section allows choice of 4 or 8 ohm woofer loads



Inline Hi-Pass/Low-Pass Filters

- 2nd order 12 dB/octave Linkwitz-Riley filters provide smooth response through the crossover frequency
- High quality components ensure low distortion and accurate response



Binding Post Plates

- Pre-installed gasket and beveled outside edge allow easy installation
- Available with silver or black anodized finishes



Binding Posts

Premium Fully Insulated

- Fully-insulated 5 way binding post
- Terminated with easily-soldered .250" male disconnect tabs

Heavy Duty

- Audiophile quality
- Ideal for high power applications

Premium

- High quality 5-way binding posts
- Designed to complement Dayton Audio Binding Post Plates



Speaker Spikes

- Dramatically improves clarity, stereo imaging, and bass response
- Two-piece tip design for level adjustment



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