

Accuphase

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The AudioWorks

“Music is an oasis that refreshes us in our journey of life”

Music can be soothing, exciting, exhilarating. It can move our hearts and enrich our lives, which is the goal we at Accuphase seek through audio technology.

This was the idea behind the slogan “Enrich Life through Technology” which originally brought together the group of very highly skilled audio experts who conceived and today produce the successful Accuphase line of audio equipment. It is the guiding principle behind all Accuphase components whose high grade can be considered extravagant. Just as there are exquisite musical instruments that are especially highly prized, we believe that the same applies to audio components. This belief forms the basis of our design concept. It is the reason why we strive to build extra value into each of our units so that they will display fully the merits of hand construction.

The name ACCUPHASE was adapted by taking the prefix ACCU from the word ‘accurate’, and combining it with PHASE which is a most important factor in audio technology. We feel it is a very fitting brand name to describe our products that fully portray this and other important characteristics, which penetrate the innermost depth of audio technology. Our endless pursuit of quality requires a very high degree of processing which persuades us to avoid the use of mass production systems. Consequently, production volume is limited and Accuphase products are available only at a restricted number of specialized stores.

“Accuphase equipment is not subject to the whims of market fashion since they are made, above all, to achieve true high fidelity sound reproduction. This is the foremost reason why our products have enjoyed long-run production.”

At The AudioWorks we have long been the leading outlet for and advocates of Accuphase electronics in the UK. Since 2002 we have introduced hundreds of people to the exquisite music making abilities of Accuphase products. Since bringing Accuphase into our portfolio, our approach to time accurate (Phase Accurate) music reproduction has been refined to the point where we think we are uniquely able to offer complete systems with the timing, micro-dynamics, and tonality that only this approach offers. The MusicWorks and Audiomica products we offer also form part of this ‘coherent’ system approach.



www.theaudioworks.co.uk

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90W/ch INTEGRATED STEREO AMPLIFIER **E-270**

Revolutionary AAVA volume control. A power amplifier section featuring high power transistors in parallel push-pull configuration, complemented by a robust power supply and low impedance output stage. 120 watts of quality power into 4 ohms, with a damping factor of 400. Current feedback amplifier topology assures excellent phase characteristics in the high range, and instrumentation amplifier principle enables fully balanced signal paths. Power MOS-FET switches in the protection circuitry eliminate the need for mechanical contacts.

Pursuit of performance and sound quality results in capability well beyond its class, approaching the level of separate type amplifiers.



- Revolutionary AAVA volume control
- Output stage with high-power transistors in parallel push-pull arrangement delivers high quality power: 90 watts x 2 into 8 ohms
- Power amplifier stage features instrumentation amplifier configuration for balanced signal transmission
- Logic-control relays for shortest signal paths
- Strong power supply with massive high-efficiency transformer and large filtering capacitors
- MAIN IN button allows separate use of pre-amplifier and power amplifier sections
- Numeric indication of volume level

CLASS-A PRECISION INTEGRATED STEREO AMPLIFIER **E-650**

Innovative engineering and top-grade parts and materials come together in this product featuring the superb Balanced AAVA type volume control and a triple parallel arrangement of power MOS-FETs in the output stage. The power amplifier section employs the latest instrumentation amplifier configuration for balanced signal transmission, resulting in an integrated amplifier with fully balanced configuration from the inputs right through to the output. The massive power supply and low-impedance output circuitry deliver 150 watts per channel (into 1 ohm, with music signal) and a damping factor of 800.

- First integrated amplifier featuring Balanced AAVA volume control
- Pure Class A operation (30 watts into 8 ohms)
- Guaranteed linear power: 120 watts into 2 ohms, 60 watts into 4 ohms, 30 watts into 8 ohms
- Output stage with power MOS-FETs in triple parallel push-pull configuration
- Instrumentation amplifier principle in power amplifier for fully balanced signal transmission, complemented by MCS+ topology and current feedback amplification circuitry
- Strong power supply with massive high-efficiency transformer and large filtering capacitors
- Pre-amplifier and power amplifier sections can be used separately
- Numeric indication of volume level



MDS COMPACT DISC PLAYER *DP-430*

The Accuphase-developed high-rigidity, high-precision drive optimised for CD reproduction, along with a super-quiet and smooth disc loading mechanism ensure pure signal readout of the highest order. In the processor section, the MDS type D/A converter utilises four DAC chips driven in parallel, and the filter amplifier features the newly developed ANCC (Accuphase Noise and Distortion Cancelling Circuit). CD transport section and digital processor are kept completely separate. In addition to a USB input, coaxial and optical connectors are provided for digital input and transport output. Quality construction and highly advanced digital technology fully reveal the potential of the CD medium and provide a listening experience that opens up new emotional depths even with familiar music sources.



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- High-precision CD drive.
- High-quality CD tray and ultra-quiet and smooth loading mechanism.
- MDS D/A converter with four circuits driven in parallel.
- Direct Balanced Filter with separate line and balanced signal paths.
- Phase selector for balanced outputs.
- Digital interface with USB input.
- Transport outputs and digital inputs allow insertion of DG-58 into signal path for sound field correction.
- Sampling frequency and quantisation bit display.

MDS SA-CD PLAYER *DP-560*

Newly designed next-generation SA-CD/CD drive combined with exquisite disc tray and ultra-quiet disc loading mechanism for silky smooth operation. Innovative MDS+ type D/A converter using four parallel DAC circuits ensures highly accurate D/A conversion of DSD and PCM signals. Separate configuration of transport and processor sections, each equipped with a set of HS-LINK, coaxial, optical, and USB (input only) connectors. USB connector provides support up to 384 kHz/32-bit and 11.2896 MHz/1-bit DSD.



- High-grade SA-CD/CD drive.
- MDS+ type D/A converter with four parallel devices.
- Support for playback of data discs (CD-R/-RW, DVD-R/-RW/+R/+RW).
- Direct Balanced Filter with separate line and balanced signal paths.
- HS-LINK and USB digital interfaces.
- Transport outputs and digital inputs allow insertion of DG-58 into signal path for sound field correction
- Phase selector for balanced outputs.
- Sampling frequency and quantisation bit display.

STEREO CONTROL CENTRE **C-2150**

The C-2150 for the first time combines a new topology called ANCC with the AAVA volume control principle. As a result, music reproduction is supple, elegant and full of transparency, with a spatial expression capability that makes one forget the presence of any volume control circuit. With a functionality level close to higher-end models and a versatile array of input and output terminals, plus the choice of adding option boards, the C-2150 provides fully immersive music enjoyment. This next-generation control centre will satisfy even the most demanding music lover.



- AAVA volume control with newly developed ANCC feature
- Five line level and two balanced inputs for optimum flexibility
- Recorder connection support
- Logic-control relays for shortest signal paths
- Separate power supplies for left and right channels
- Fully modular construction with individual left / right amplifier units
- Phase selection function
- Tone controls
- Dedicated headphone amplifier
- Option board slots provide additional versatility for digital input handling and analog record playback

STEREO POWER AMPLIFIER **P-4500**

The quest for the optimal power amplifier has just taken another giant leap forward. The P-4500 features an instrumentation amplifier configuration realised with discrete semiconductors in the signal path, triple Darlington 4-parallel complimentary push-pull architecture and many other technological advantages. The result is an impressive S/N ratio of 121 dB, rated output of 500 watts into 1 ohm (music signals), and a damping factor of 700. A newly developed output protection circuit can also detect any short-circuiting of the speaker terminals, for complete peace of mind. This power amplifier is the ultimate tool for immersive music enjoyment on the highest level.



- Power amplification stage with 4-parallel complimentary push-pull configuration
- Linear output characteristics (90 W / 8 ohms, 180 W / 4 ohms, 360 W / 2 ohms)
- 500 W output into ultra-low impedance load of 1 ohm (music signals)
- Instrumentation amplifier principle
- Current feedback topology
- Balanced Remote Sensing
- High damping factor of 700
- Speaker output protection with short-circuit detection
- Highly responsive, large peak power meters

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