

### A-250 CLASS-A 100 W/8 Ohms MONOPHONIC POWER AMPLIFIER



Ultra-massive pure Class A monophonic power amplifier with power MOS-FET technology — Two pure class A power units each with 10 parallel push-pull transistor pairs are driven in parallel, resulting in a 20-parallel configuration. This superbly capable power amplification stage realizes perfect constant-voltage drive that handles rapidly fluctuating speaker impedances with ease. The signal path from the power amplification stage to the speaker terminals is also carefully designed for low impedance. Further highlights are ultra-heavy-gauge edgewise coils, semiconductor (MOS-FET) switches with excellent long-term reliability, and balanced remote sensing technology for improved performance parameters. This thorough attention to every detail manifests itself in a damping factor of 1,000 and overall excellent speaker control. The internal layout is designed to minimize the influence of electromagnetic disturbances, for example by placing the signal input stage in very close proximity to the input terminals. Consequently, S/N ratio is even better than in the A-200, reaching another pinnacle in Accuphase history. The A-250 is a robust and reliable product that will be cherished by its owner for many years. Bridged operation allows use of two A-250 units as a monophonic amplifier with even more power, capable of delivering 1,600 watts into 2 ohms.

#### GUARANTEED SPECIFICATIONS

●Continuous average output power: 100 watts (8 ohms), 200 watts (4 ohms), 400 watts (2 ohms), 800 watts (1 ohm, music signal) / Bridged operation (2 units): 400 watts (8 ohms), 800 watts (4 ohms), 1,600 watts (2 ohms, music signal) ●Frequency response: 0.5 Hz - 160 kHz +0, -3.0 dB ●Intermodulation distortion: 0.01% or less ●Damping factor: 1,000 (EIA, 8 ohm load, 50 Hz) ●S/N ratio: 127 dB (GAIN: MAX), 133 dB (GAIN: -12 dB) (A weighted) ●Rated input: 1.13 V

#### MAIN FEATURES

●Two-way meter featuring digital indication of true power values and bar graph indication ●Meter OFF/ALL/dB/W switching ●Meter range selector: AUTO/10W/100W/1000W ●Hold time selector button ●Input selector button ●Gain selector ●Operation mode selector ●Balanced inputs ●Phase selector ●Two sets of speaker outputs (simultaneous output) ●Maximum dimensions: 465 (W) x 238 (H) x 514 (D) mm (18-5/16" x 9-3/8" x 20-1/4") ●Mass: 46.0 kg

\* Supplied accessory: AC power cord

### A-70 CLASS-A 60 W/ch STEREO POWER AMPLIFIER



The ultimate pure class A stereo power amplifier ushering in a new era — The heart of every audiophile is irresistibly captured by the exquisite sound of pure class A. The input stage of the A-70 features ultra low noise instrumentation amplifier topology in a discrete configuration, to realize fully balanced signal paths. MCS+ design and current feedback in the amplification circuitry achieve a S/N ratio of 127 dB (GAIN selector at -12 dB), a level of performance unrivaled by any stereo power amplifier. The massive power supply and power MOS-FET devices in ten-parallel push-pull configuration sustain linear power output progression down to impedances as low as 1 ohm. Using the A-70 in bridged mode creates a mono amplifier with even more impressive power output capability. In the output circuitry, MOS-FET switches are used in place of relays, to eliminate mechanical contacts and improve long-term reliability. Top-grade materials and highly sophisticated circuit pattern technology result in low impedance and allow the realization of an amazing damping factor of 800. The power meters offer a choice between true power readings in digital format and bar graph indication representing voltage values.

#### GUARANTEED SPECIFICATIONS

●Continuous average output power: 60 watts/ch (8 ohms), 120 watts/ch (4 ohms), 240 watts/ch (2 ohms), 480 watts/ch (1 ohm, music signal) / bridged mode: 240 watts (8 ohms), 480 watts (4 ohms), 960 watts (2 ohms, music signal) ●Frequency response: 0.5 Hz - 160 kHz +0, -3.0 dB ●IM distortion: 0.01% or less ●Damping factor: 800 (EIA, 8 ohm load, 50 Hz) ●S/N ratio: 121 dB or better (A weighted) ●Input sensitivity: 0.87 V

#### MAIN FEATURES

●Two-way meter featuring digital indication of true power values and bar graph indication of voltage values ●Meter OFF/ALL/dB/W display selector ●Gain selector ●Hold time selector button ●Input selector button ●Operation mode selector ●Balanced inputs ●Maximum dimensions: 465 (W) x 238 (H) x 515 (D) mm (18-5/16" x 9-3/8" x 20-1/4") ●Mass: 44.3 kg

\* Supplied accessory: AC power cord

### A-47 CLASS-A 45 W/ch STEREO POWER AMPLIFIER



The Exhilaration of Pure Class A — An amplifier operating in pure Class A always produces its full rated output power, regardless of the actual load. This no-holds-barred approach which requires a hefty power supply and output stage results in fabulous audio performance, making such a power amplifier the dream of audiophiles worldwide. The A-47 is a revised version of the ultimate pure Class A model A-46, featuring latest instrumentation amplifier topology for balanced signal paths, along with current feedback circuitry. This results in further improved S/N ratio, THD and other crucial performance parameters. Semiconductor (MOS-FET) switches are used for speaker protection, keeping the internal impedance of the output stage extremely low and ensuring a damping factor of 600. A further strengthened power supply and power MOS-FET devices arranged in a 6-parallel push-pull arrangement can drive even ultra-low 1-ohm loads with 360 watts per channel. Bridged connection allows further upgrading to a monophonic amplifier with dramatic impact, capable of 720 watts into 2 ohms (music signals).

#### GUARANTEED SPECIFICATIONS

●Continuous average output power: 45 W/ch (8 ohms), 90 W/ch (4 ohms), 180 W/ch (2 ohms), 360 W/ch (1 ohm, music signal) / Bridged operation: continuous output 180 W (8 ohms), 360 W (4 ohms), 720 W (2 ohms, music signal) ●Frequency response: 0.5 Hz - 160 kHz +0, -3.0 dB ●IM distortion: 0.01% or less ●Damping factor: 600 (EIA, 8 ohm load, 50 Hz) ●S/N ratio: 116 dB (GAIN: MAX), 121 dB (GAIN: -12dB) (A weighted) ●Input sensitivity: 0.76 V

#### MAIN FEATURES

●Logarithmic compression type analog power meters ●Gain selector ●Input selector button ●Meter off/peak hold/normal selector, meter sensitivity selector button ●Speaker selector buttons ●Operation mode selector ●Balanced inputs ●Balanced input phase selector switch ●Maximum dimensions: 465 (W) x 211 (H) x 464 (D) mm (18-5/16" x 8-5/16" x 18-1/4") ●Mass: 32.1 kg

\* Supplied accessory: AC power cord

## A-36 CLASS-A 30 W/ch STEREO POWER AMPLIFIER



Impressive pure class A stereo power amplifier redefines baseline excellence — The A-36 inherits many of the outstanding design technology features developed for higher-end models such as the A-200 and A-70. It redefines the basics for pure class A power amplifiers and has been carefully honed with the same unwavering attention to detail and dedication to sound quality for which Accuphase is famous. Power MOS-FET devices in triple-parallel push-pull configuration for each channel, fully balanced signal paths realized with instrumentation amplifier topology, along with MCS+ design and current feedback in amplification circuitry deliver outstanding performance for improved sound quality. The robust power supply easily sustains power output of 150 watts per channel (music signals) down to impedances as low as 1 ohm, and bridged mode turns the unit into a superlative monophonic power amplifier with even higher output. In the output circuitry, MOS-FET switches used in place of relays eliminate mechanical contacts and help to improve long-term reliability. Top-grade materials and sophisticated circuit pattern technology result in low impedance and allow the realization of a damping factor of 400.

### GUARANTEED SPECIFICATIONS

●Continuous average output power: 30 W/ch (8 ohms), 60 W/ch (4 ohms), 120 W/ch (2 ohms), 150 W/ch (1 ohm, music signal) / Bridged mode: continuous output 120 W (8 ohms), 240 W (4 ohms), 300 W (2 ohms, music signal) ●Frequency response: 0.5 Hz - 160 kHz +0, -3.0 dB ●IM distortion: 0.01% or less ●Damping factor: 400 (EIA, 8 ohm load, 50 Hz) ●S/N ratio: 112 dB or better (A weighted) ●Input sensitivity: 0.62 V

### MAIN FEATURES

●Logarithmic compression type analog power meters ●Gain selector ●Input selector button ●Meter off/peak hold/normal selector, meter sensitivity selector button ●Operation mode selector ●Balanced inputs ●Maximum dimensions: 465 (W) x 171 (H) x 425 (D) mm (18-5/16" x 6-3/4" x 16-3/4") ●Mass: 22.8 kg

\* Supplied accessory: AC power cord

## M-6200 1,200 W/1 Ohm MONOPHONIC POWER AMPLIFIER



The M-6200 approaches the concept of the power amplifier from a new vantage point, achieving an unprecedented level of performance that redefines what a monophonic power amplifier can be. Its discrete ultra-low-noise instrumentation amplifier construction allows fully balanced signal transmission, augmented by the MCS+ circuit and current feedback topology, resulting in an amazing S/N ratio of 127 dB at maximum gain and 133 dB at the -12 dB gain setting. Two identical power amplifier units driven in parallel keep output impedance at a minimum, making the amplifier capable of delivering constant current down to extremely low impedance loads. A hefty power supply and high-power transistors arranged in a 16-parallel push-pull configuration deliver 1,200 watts (music signals) into an ultra-low-1-ohm load. The output stage with further lowered impedance is rated for a damping factor of 1,000. Its bold and massive appearance notwithstanding, the M-6200 is a monophonic amplifier that not only delivers abundant power and dynamic performance but that expresses even the most delicate and minute musical details with captivating realism.

### GUARANTEED SPECIFICATIONS

●Continuous average output power: 150 watts (8 ohms), 300 watts (4 ohms), 600 watts (2 ohms), 1,200 watts (1 ohm, music signal) / bridged operation (2 units): 600 watts (8 ohms), 1,200 watts (4 ohms), 2,400 watts (2 ohms, music signal) ●Frequency response: 0.5 Hz - 160 kHz +0, -3.0 dB ●Intermodulation distortion: 0.01% or less ●Damping factor: 1,000 (EIA, 8 ohm load, 50 Hz) ●S/N ratio: 127 dB (GAIN: MAX), 133 dB (GAIN: -12 dB) (A weighted) ●Rated input: 1.38 V

### MAIN FEATURES

●Analog output level meter with logarithmic scale ●Meter ON/OFF and hold time selector (3 s/infinite) ●Input selector button ●Gain selector ●Phase selector ●Operation mode selector ●Balanced input ●Maximum dimensions: 465 (W) x 220 (H) x 499 (D) mm (18-5/16" x 8-11/16" x 19-5/8") ●Mass: 40.2 kg

\* Supplied accessory: AC power cord

## P-7300 800 W/1 Ohm STEREO POWER AMPLIFIER



The P-7300 is the result of the first full model change of Accuphase's top-of-the-line Class A/B stereo amplifier in nine years. Inheriting sophisticated features from the 40th anniversary commemorative model A-200 and its technology successor M-6200, and moving further ahead along the road of technological progress, the new product achieves a dramatically lowered noise floor, with an ultra low noise instrumentation amplifier type input stage built entirely with discrete components. In the output section, a 10-parallel push-pull configuration sustains large output currents, forming a power amplifier with extremely low output impedance. An improved NFB circuit featuring remote sensing and the use of MOS-FET switches with low On-resistance also contribute to the realization of a damping factor of at least 1,000, demonstrating the ability to drive any speaker with complete competence. In the pursuit of the ideal power amplifier, Accuphase has harnessed its entire potential to create the ultimate stereo power amplifier. Experience a new realm of record-breaking performance and utterly captivating sound.

### GUARANTEED SPECIFICATIONS

●Continuous average output power: 125 W/ch (8 ohms), 250 W/ch (4 ohms), 500 W/ch (2 ohms), 800 W/ch (1 ohm, music signal) / bridged operation: continuous output 500 W (8 ohms), 1,000 W (4 ohms), 1,600 W (2 ohms, music signal) ●Frequency response: 0.5 Hz - 160 kHz +0, -3.0 dB ●IM distortion: 0.01% or less ●Damping factor: 1,000 (EIA, 8 ohm load, 50 Hz) ●S/N ratio: 125 dB (GAIN: MAX), 131 dB (GAIN:-12dB) (A weighted) ●Input sensitivity: 1.26 V

### MAIN FEATURES

●Analog output level meter with logarithmic scale ●Meter ON/OFF and hold time selector (3 s/infinite) ●Input selector button ●Gain selector ●Phase selector ●Operation mode selector ●Balanced input ●Maximum dimensions: 465 (W) x 238 (H) x 515 (D) mm (18-5/16" x 9-3/8" x 20-1/4") ●Mass: 48.6 kg

\* Supplied accessory: AC power cord

## P-4200 500 W/1 Ohm STEREO POWER AMPLIFIER



Inheriting the outstanding design technology of models such as the A-200, this stereo power amplifier features latest technology throughout, to realize top-level performance. The instrumentation amplifier principle in the input stage allows fully balanced signal paths, and MCS+ and current feedback topology assure further enhanced sound quality. Low impedance design throughout, together with reduced energy losses result in a damping factor of 500. Semiconductor (MOS-FET) switches instead of output relays eliminate mechanical contact points. The result is close to ideal speaker drive performance. A massive power supply with large high-efficiency toroidal transformer and plenty of filtering capacity supports an output stage with MOS-FETs in a triple parallel push-pull configuration, realizing constant-voltage speaker drive. Bridged operation allows the use of two P-4200 units as a monophonic amplifier with even more power, capable of delivering 1,000 watts into 2 ohms.

### GUARANTEED SPECIFICATIONS

●Continuous average output power per channel: 90 watts (8 ohms), 180 watts (4 ohms), 360 watts (2 ohms), 500 watts (1 ohm, music signal) / Bridged operation (2 units): 360 watts (8 ohms), 720 watts (4 ohms), 1,000 watts (2 ohms, music signal) ●Frequency response: 0.5 Hz - 160 kHz +0, -3.0 dB ●IM distortion: 0.01% or less ●Damping factor: 500 (EIA, 8 ohm load, 50 Hz) ●S/N ratio: 120 dB (GAIN: MAX), 125 dB (GAIN:-12dB) (A weighted) ●Input sensitivity: 1.07 V

### MAIN FEATURES

●Logarithmic compression type analog power meters ●Hold time selector button ●Input selector button ●Gain selector ●Mode switch ●Balanced inputs ●Phase selector ●Two sets of speaker outputs ●Maximum dimensions: 465 (W) x 190 (H) x 427 (D) mm (18-5/16" x 7-1/2" x 16-13/16") ●Mass: 28.9 kg

\* Supplied accessory: AC power cord

## C-3850 PRECISION STEREO PREAMPLIFIER



The Precision Stereo Preamplifier C-3850 is a further enhanced version of the model C-3800, bringing together the entire wealth of preamplifier know-how gained by Accuphase over the years. The AAVA volume control, rather than "turning down" the volume in the ordinary sense, switches a combination of V-I amplifiers as required in order to directly change the amplifier gain and thereby achieve the desired volume. This revolutionary approach eliminates impedance changes as well as adverse effects from noise and other factors. In the C-3850, a "Balanced AAVA" configuration with two AAVA circuits driven in parallel is realized, resulting in ideal volume control behavior from balanced input to balanced output. In addition, the volume knob and sensor mechanism assembly fashioned with utmost precision from a single highly rigid aluminum block provides excellent tactile feel and also improves the quietness of motor-driven operation. The entire signal path from the input connectors to the outputs is fully balanced, and signal purity is further elevated by the use of ultimate-quality parts and materials, along with latest circuit topology, ensuring electrical characteristics and sonic excellence of the highest order. By connecting the Stereo Phono Amplifier C-37, impeccable reproduction of analog records also becomes possible.

### GUARANTEED SPECIFICATIONS

●THD: 0.005% or less (20 - 20,000 Hz) ●Frequency response: 3 Hz - 200 kHz +0, -3 dB ●Rated input: 252 mV ●Rated output: 2.0 V ●S/N ratio: 115 dB ●Crosstalk: -90 dB or better / 10 kHz (EIA) ●Gain: 12 dB/18 dB/24 dB ●Loudness compensator: +2 dB/+4 dB/+6.5 dB (100 Hz) ●Headphone output level: 2 V (40 ohms)

### MAIN FEATURES

●Output selector ●Output phase selector button ●Attenuator ●Loudness compensator selector ●Recorder button ●Gain selector ●Balance control ●Input display ●Level display ●Display on/off button ●Balanced inputs and outputs ●Headphone jack ●Headphone level selector ●EXT PRE connectors ●Maximum dimensions: 477 (W) x 156 (H) x 412 (D) mm (18-3/4" x 6-1/8" x 16-1/4") ●Mass: 25.0 kg

\* Supplied accessories: AC power cord / Audio cable with plugs ASL-10 / Remote commander RC-210

## C-2850 PRECISION STEREO PREAMPLIFIER



◆ Dedicated option unit for C-2850:  
Phono Equalizer Unit AD-2850

The C-2800 series represents the ne-plus-ultra in preamplifiers. C-2850, the newest model in the series, is a model change from the predecessor C-2820. The superlative AAVA volume control has been elevated to an even higher level of perfection, for ultra-low noise and ultra-smooth operation feel, combined with spectacular performance. A total of 16 unit amplifiers for line input, balanced output, AAVA, headphone amplifier and other circuit stages are used, employing PCBs made from glass cloth fluorocarbon resin with low dielectric constant and minimum loss. These are arranged separately for left and right channel on a motherboard, and powered by separate high-efficiency toroidal power transformers and filtering capacitors. This dual mono construction eliminates any risk of unwanted electrical or mechanical interaction between the two stereo channels. The optional phono equalizer unit AD-2850 enables playback of analog records as well. Using only top-notch parts and designed for utmost performance and reliability, the C-2850 is lovingly built by experienced craftsmen skilled in the art. The result is a product destined to transport the listener into the enchanting realm of high-end audio.

### GUARANTEED SPECIFICATIONS (with AD-2850 installed)

●THD: 0.005% or less (20 - 20,000 Hz) ●Frequency response: 3 Hz - 200 kHz +0, -3 dB ●Rated input: DISC (MC) 0.25 mV/0.08 mV, DISC (MM) 8.0 mV/2.5 mV, CD/LINE 252 mV ●Rated output: 2.0 V ●S/N ratio: CD/LINE 111 dB, DISC (MC) 80 dB/73 dB, DISC (MM) 94 dB/85 dB ●Gain: 12 dB/18 dB/24 dB ●Loudness compensator: +2 dB/+4 dB/+6.5 dB (100 Hz) ●Headphone output level: 2 V (40 ohms)

### MAIN FEATURES

●With AD-2850 installed: equalizer gain selector, MC input impedance selector ●Output phase selector ●Attenuator ●Loudness compensator ●Recorder selector ●Gain selector ●Balance control ●Volume level display ●Display on/off button ●Headphone level selector ●Balanced inputs and outputs ●Headphone jack ●EXT. PRE connector ●Maximum dimensions: 477 (W) x 156 (H) x 412 (D) mm (18-3/4" x 6-1/8" x 16-1/4") ●Mass: 24.5 kg (with AD-2850 installed: 25.4 kg)

\* Supplied accessories: AC power cord / Audio cable with plugs ASL-10 / Remote commander RC-220

## C-2450 PRECISION STEREO CONTROL CENTER



◆ Dedicated option unit for C-2450:  
Phono Equalizer Unit AD-2850

The C-2450 is a control center carefully designed for music playback with impeccable quality. It implements technology developed for higher-ranked models while also featuring further refined AAVA volume control and renewed circuitry in all sections, resulting in a full model change. The AAVA circuit adjusts the volume by means of 16 different V-I converter amplifiers whose output is combined by current switches. The C-2450 uses 18 such converters per channel, with the upper two in a parallel configuration. A reduction in impedance results in a S/N ratio improvement of 1 dB. A sensible range of useful and well designed features includes tone controls optimized for sound quality. The optional phono equalizer unit allows playback of analog records with excellent fidelity. Exquisite side panels with natural wood grain finish and a thick top plate made of brushed aluminum with hairline finish create an air of sophisticated elegance.

### GUARANTEED SPECIFICATIONS (with AD-2850 installed)

●THD: 0.005% or less (20 - 20,000 Hz) ●Frequency response: 3 Hz - 200 kHz +0, -3 dB ●Rated input: DISC (MC) 0.25 mV/0.08 mV, DISC (MM) 8.0 mV/2.5 mV, CD/LINE 252 mV ●Rated output: 2.0 V ●S/N ratio: CD/LINE 110 dB, DISC (MC) 80 dB/72 dB, DISC (MM) 94 dB/84 dB ●Gain: 12 dB/18 dB/24 dB ●Loudness compensator: +6 dB (100 Hz) ●Headphone output level: 2 V (40 ohms)

### MAIN FEATURES

●With AD-2850 installed: equalizer gain selector, MC input impedance selector ●Phase selector ●Attenuator ●Loudness compensator ●Recorder selector ●Gain selector ●Tone controls ●Balance control ●Volume level display ●Display on/off button ●Balanced inputs and outputs ●Headphone jack ●EXT. PRE connector ●Maximum dimensions: 465 (W) x 150 (H) x 409 (D) mm (18-5/16" x 5-7/8" x 16-1/8") ●Mass: 19.0 kg (with AD-2850 installed: 19.9 kg)

\* Supplied accessories: AC power cord / Audio cable with plugs AL-10 / Remote commander RC-220

## C-2120 STEREO CONTROL CENTER



◆ Number of option board slots: 2  
◆ Compatible option boards:  
DAC-50, AD-50, LINE-10

While inheriting the philosophy and technology aspects of the legendary 40th anniversary commemorative model C-3800, the C-2120 Control Center features further enhanced overall circuitry and provides the flexibility to handle any kind of source while maximizing its inherent sound quality potential. Accuphase's ground-breaking AAVA (Accuphase Analog Vari-gain Amplifier) volume control that revolutionized the concept of the analog preamplifier is of course employed here to best effect, maintaining high S/N ratio at any volume setting, ensuring minimum distortion, and virtually eliminating changes in sound quality and frequency response. Full mono construction with separate power supplies and unit amplifiers for left and right channels, tone controls designed for optimum sonic performance, EXT PRE connectors, individual phase selection for each input position, and a dedicated headphone amplifier for optimal sound are just some of the many attractive features of the product. A range of sophisticated option boards such as a digital input board with USB port and a board for high-grade reproduction of analog records are available. With the DAC-40, selection of digital inputs and display of sampling frequency on the unit is possible.

### GUARANTEED SPECIFICATIONS (with AD-30 installed)

●THD: 0.005% or less (20 - 20,000 Hz) ●Frequency response: 3 Hz - 200 kHz +0, -3 dB ●Rated input: DISC (MC) 0.126 mV, DISC (MM) 2.5 mV, CD/LINE 252 mV ●Rated output: 2.0 V ●S/N ratio: CD/LINE 109 dB, DISC (MC) 68 dB, DISC (MM) 80 dB ●Gain: 12 dB/18 dB/24 dB ●Loudness compensator: +6 dB (100 Hz) ●Headphone output level: 2 V (40 ohms)

### MAIN FEATURES

●With DAC-40 installed: input selection, sampling frequency display ●With AD-30 installed: equalizer gain selector ●Phase selector ●Attenuator ●Loudness compensator ●Recorder button ●Gain selector ●Tone control turnover: 40 Hz/100 Hz, 8 kHz/20 kHz selectable ●Balance control ●Volume level display ●Balanced inputs and outputs ●Headphone jack ●EXT. PRE connector ●Maximum dimensions: 465 (W) x 150 (H) x 405 (D) mm (18-5/16" x 5-7/8" x 15-15/16") ●Mass: 16.8 kg

\* Supplied accessories: AC power cord / Audio cable with plugs AL-10 / Remote commander RC-220

# DP-950 PRECISION SUPER AUDIO CD TRANSPORT



The ultimate heavyweight SA-CD/CD transport — Machined with utmost precision to prevent resonance and suppress vibrations. High rigidity construction with a low center of gravity reduces vibrations to negligible levels. Elegant disc tray linked to an utterly quiet and smooth loading mechanism. The single-lens/twin laser diode pickup mounted to a high-speed access mechanism faithfully extracts a highly pure signal from any disc. Support for the digital audio interface HS-Link Ver.2 with separate clock and data transmission achieves accuracy on a level that far surpasses earlier standards. The DP-950 ushers in a new era of information fidelity by fully extracting the enormous amount of information stored on high-quality media.

### GUARANTEED SPECIFICATIONS

●Compatible disc formats: 2-channel SA-CD, DSD disc (DSF file format), CD ●Digital outputs: HS-LINK 2.8224 MHz/1bit DSD (Ver. 1, Ver. 2), CD 44.1 kHz/16bit PCM, COAXIAL 44.1 kHz/16bit PCM

### MAIN FEATURES

●SA-CD/CD selector button ●Open/Close button ●Play button ●Pause button ●Track search buttons ●Stop button ●Supplied remote commander allows direct play, repeat play, etc. ●Maximum dimensions: 477 (W) x 156 (H) x 394 (D) mm (18-3/4" x 6-1/8" x 15-1/2") ●Mass: 30.6 kg

\* Supplied accessories: AC power cord / HS-LINK cable AHDL-15 / Remote commander RC-110

# DC-950 PRECISION MDS DIGITAL PROCESSOR



A digital processor that redefines the state of the art — Digital signal processing by an ultra-high-speed FPGA in conjunction with innovative MDS reproduction technology forms a double-speed high-precision moving-average filter circuit for straight D/A conversion of the DSD signal. Pioneering use of the latest 32-bit Advanced Hyperstream™ DAC chip (ES9038PRO) from ESS Technology Inc., with successful solution for driving eight circuits in parallel. Compared to a single converter circuit, this arrangement improves overall performance by a factor of three. Eight digital inputs including USB with support for 11.2896 MHz (1-bit 2-channel DSD) and 384 kHz (32-bit 2-channel PCM), as well as an HS-LINK connector (Version 1 and 2) provide enhanced versatility for the ultimate in performance and sonic purity.

### GUARANTEED SPECIFICATIONS

●Digital inputs: HS-LINK, BALANCED, COAXIAL, OPTICAL, USB ●Sampling frequencies: [DSD] HS-LINK Ver. 1: 2.8224 MHz, HS-LINK Ver. 2: 2.8224 MHz, 5.6448 MHz, USB 2.8224 MHz, 5.6448 MHz, 11.2896 MHz (ASIO only) [PCM] HS-LINK Ver. 1: 32 kHz to 192 kHz/24bit, HS-LINK Ver. 2: 32 kHz to 384 kHz/32bit, USB 44.1 kHz to 384 kHz/32bit, BALANCED, COAXIAL 32 kHz to 192 kHz/24bit, OPTICAL 32 kHz to 96 kHz/24bit ●Frequency response: 0.5 to 50,000 Hz +0, -3.0 dB ●THD: 0.00045% or less (20 to 20,000 Hz) ●S/N ratio: 122 dB ●Dynamic range: 119 dB ●Channel separation: 120 dB ●Rated output: 2.5 V (BALANCED, LINE)

### MAIN FEATURES

●Input selector ●Output level control ●Digital inputs: HS-LINK, BALANCED, COAXIAL (x3), OPTICAL (x2), USB ●Digital outputs: COAXIAL, OPTICAL ●Balanced output connectors (analog) ●Balanced output polarity selector ●Remote commander supplied with DP-950 allows input switching, level control, etc. ●Maximum dimensions: 477 (W) x 156 (H) x 393 (D) mm (18-3/4" x 6-1/8" x 15-1/2") ●Mass: 24.2 kg

\* Supplied accessories: AC power cord / Audio cable with plugs ASL-10 / USB Utility 2 CD

# DP-720/DP-560 SUPER AUDIO CD PLAYER

SUPER AUDIO CD PLAYER



DP-720



DP-560

High-end integrated SA-CD/CD players — Inheriting superb know-how from Accuphase's separate type players, these models feature a high-grade SA-CD/CD drive combined with high-rigidity, high-precision construction, a low center of gravity, efficient vibration damping, an exquisite disc tray and ultra-quiet disc loading mechanism. The result is supremely pure extraction of the digital signal on the disc. Digital processor section with innovative circuit design (DP-720: MDS [Multiple Double Speed DSD], DP-560: MDS+ [Multiple Delta Sigma+]) and multiple parallel D/A converters for straight D/A conversion of DSD signal. After conversion, data are summed to minimize conversion errors, resulting in amazing conversion accuracy with drastically improved parameters: minimal THD, high S/N ratio, and excellent low-level linearity. The full wealth of the musical information on the SA-CD can finally emerge before the listener.

### GUARANTEED SPECIFICATIONS

		DP-720	DP-560	
SA-CD/CD		○	○	
Data disc (format)		DSF	WAV, FLAC, DSF, DSDIFF	
Laser diode wavelength		For SA-CD: 650 nm, for CD: 780 nm	For SA-CD: 655 nm, for CD: 790 nm	
Sampling frequencies	HS-LINK Ver. 1	DSD 2.8224 MHz/1bit PCM 32 kHz - 192 kHz/24bit	2.8224 MHz/1bit 32 kHz - 192 kHz/24bit	
	HS-LINK Ver. 2	DSD — PCM —	2.8224 MHz, 5.6448 MHz/1bit 32 kHz - 384 kHz/32bit	
	COAXIAL	PCM 32 kHz - 192 kHz/24bit	32 kHz - 192 kHz/24bit	
	OPTICAL	PCM 32 kHz - 192 kHz/24bit	32 kHz - 96 kHz/24bit	
	USB	DSD	—	2.8224 MHz, 5.6448 MHz, 11.2896 MHz/1bit (11.2896 MHz ASIO only)
		PCM	32 kHz - 192 kHz/24bit	32 kHz - 384 kHz/32bit
D/A converter		MDS principle (DSD signal), MDS++ principle (PCM signal)	MDS+ principle	
Number of parallel circuits		8	4	
Filter circuit		5-pole Butterworth type analog filter		
Frequency response		0.5 - 50,000 Hz +0, -3.0 dB		
THD		0.0006% (20 to 20,000 Hz)		
S/N ratio		119 dB or better		
Dynamic range		116 dB or better		
Channel separation		117 dB or better		
Rated output		2.5 V (line, balanced)		
Maximum dimensions		477 x 156 x 394 mm	465 x 151 x 393 mm	
Width x Height x Depth		18-3/4" x 6-1/8" x 15-1/2"	18-5/16" x 5-15/16" x 15-1/2"	
Mass		28.0 kg	18.8 kg	

### MAIN FEATURES

		DP-720	DP-560
Repeat playback		Single track, all tracks	
Sampling frequency display		○	○, Quantization bits
Digital input	HS-LINK	1	1
	COAXIAL	1	1
	OPTICAL	1	1
	USB	○ (Type B connector)	
Transport output	HS-LINK	EXT DSP	1
	COAXIAL	EXT DSP	1
	OPTICAL	—	1
Analog output	LINE	1	1
	BALANCED	1	1
Phase selector	○	○	○
Output level control		0 dB to -80 dB in 1-dB steps (digital)	
External design		Wood grain cabinet	Aluminum side panels with high-gloss coating
Remote commander supplied		External input switching, output level control, direct play, repeat etc.	
Other functions		●SA-CD/CD selector button ●Input selector buttons ●Disc tray open/close button ●Play button ●Pause button ●Track search buttons ●Stop button ●EXT DSP (DP-720)	

\* Supplied accessories:

DP-720: AC power cord / Audio cable with plugs ASL-10 / Remote commander RC-110 / USB utility CD  
DP-560: AC power cord / Audio cable with plugs AL-10 / Remote commander RC-120 / USB utility 2 CD

## SA-CD/CD Drive Developed by Accuphase

- Highly rigid and precise construction with mechanism supported by sturdy, heavyweight frame and chassis to absorb external vibrations
- 4-point floating design using viscous dampers (Traverse Mechanism)
- Strong, integrated construction with massive bridge cover and mechanism base
- Non-resonant design and low center of gravity further reduce vibrations
- High-quality disc tray extruded from an aluminum block, plus super-quiet smooth disc loading mechanism



# DP-430 COMPACT DISC PLAYER



Dedicated CD player designed for the ultimate in sonic excellence — The Accuphase-developed high-rigidity, high-precision drive optimized 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 utilizes 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. USB, coaxial, and optical connectors are provided for digital input and transport output. Quality construction and highly advanced digital technology fully bring out the potential of the CD medium and provide a listening experience that opens up new emotional depths even with familiar music sources.

### GUARANTEED SPECIFICATIONS

● Configuration: Integrated CD transport and digital processor ● CD standard format: EIA format ● Frequency response: 0.7 - 50,000 Hz +0, -3.0 dB ● THD: 0.0008% (20 - 20,000 Hz) ● S/N ratio: 117 dB ● Dynamic range: 113 dB ● Channel separation: 113 dB ● Digital input sampling frequency support: USB: [PCM] 32 to 384 kHz/32 bit, [DSD] 2,822.4 MHz, 5,644.8 MHz, 11,289.6 MHz (11,289.6 MHz ASIO only), COAXIAL: 32 to 192 kHz/24 bit, OPTICAL: 32 to 96 kHz/24 bit ● Number of parallel D/A converters: 4 ● Rated output: 2.5 V (line, balanced)

### MAIN FEATURES

● Sampling frequency display ● Bit resolution display ● Play button ● Pause button ● Track search buttons ● Stop button ● Input selector button ● Supplied remote commander allows input selection, direct play, repeat play, digital level control, etc. ● Digital inputs ● USB input (Type B connector) ● Transport outputs ● Maximum dimensions: 465 (W) x 151 (H) x 393 (D) mm (18-5/16" x 5-15/16" x 15-1/2") ● Mass: 14.0 kg

### \* Supplied accessories:

AC power cord / Audio cable with plugs AL-10 / Remote commander RC-130 / USB utility 2 CD

# DC-37 MDS DIGITAL PROCESSOR



The DC-37 inherits the know-how of the 40th anniversary commemorative models DC-901 and DP-720 while realizing ultra-advanced and innovative digital signal technology that further elevates the state of the art. The MDS type D/A converter that achieves straight conversion of the DSD signal has been significantly improved and now supports 5,644.8 MHz (1-bit 2-channel DSD) sources, as well as 384 kHz (32-bit 2-channel PCM) in MDS++ mode. Six digital inputs accept data for example from a computer or other components, turning the information into musical signals of unprecedented quality. A front panel display shows not only the sampling frequency of the selected source, but also the number of quantization bits based on actual measurement of the signal. The DC-37 is a digital processor that has its sights firmly set on the future, including computer-based and high-resolution audio.

### GUARANTEED SPECIFICATIONS

● Digital inputs: HS-LINK, COAXIAL, OPTICAL, USB ● Sampling frequencies: 32 kHz to 384 kHz PCM (COAXIAL up to 192 kHz, OPTICAL up to 96 kHz), [HS-LINK, USB only] 2,822.4 MHz, 5,644.8 MHz DSD ● Frequency response: 0.5 to 50,000 Hz +0, -3.0 dB ● THD: 0.0006% or less (20 to 20,000 Hz) ● S/N ratio: 119 dB ● Dynamic range: 116 dB ● Channel separation: 117 dB ● Rated output: 2.5 V (BALANCED, LINE)

### MAIN FEATURES

● Input selector buttons ● Output level control ● Digital inputs: HS-LINK, COAXIAL (2 inputs), OPTICAL (2 inputs), USB ● Balanced output connectors ● Balanced output phase selector switch ● Remote commander RC-110 supplied with DP-900, DP-720, DP-550 etc. allows input switching and level control ● Maximum dimensions: 465 (W) x 114 (H) x 385 (D) mm (18-5/16" x 4-1/2" x 15-3/16") ● Mass: 14.4 kg

### \* Supplied accessories: AC power cord / Audio cable with plugs ASL-10 / USB utility 2 CD

## Phono Equalizer Unit AD-2850 For Use With C-2850/C-2450



The AD-2850 is a dedicated phono equalizer unit for the C-2850/C-2450 preamplifiers, to allow reproduction of analog records. The unit is installed in a special option slot on the rear panel. Separate input stages optimized for MC and MM cartridges bring out the best performance from every cartridge. All functions (AD gain and MC input impedance) are switched using the controls on the front panel of the C-2850 or C-2450.

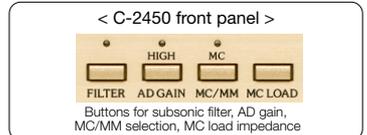
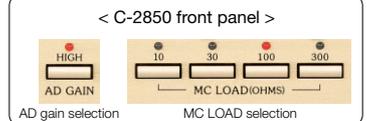
- AD gain [ MC: 60 dB, 70 dB  
MM: 30 dB, 40 dB
- Input impedance [ MC: 10 Ω, 30 Ω, 100 Ω, 300 Ω  
MM: 47 kΩ
- Supported models: C-2850, C-2820, C-2810, C-2800, C-2900, C-290, C-2450, C-2420, C-2410, C-2400

Note: When using a preamplifier other than C-2850/C-2820/C-2450/C-2420

\* AD gain will be different from the front panel indication, as follows. MM: \*30dB, 40dB\*, MC: \*60dB, 70dB\*. There is no change for MM; 30dB.

\* The 300 ohm setting for MC impedance cannot be selected as there is no position indication.

\* For details regarding use in older models and products, please contact your Accuphase dealer or authorized service station.



## Option Boards for Integrated Amplifiers and Preamplifiers

For details regarding number of boards, functionality, and use in older models, please consult your Accuphase dealer or an authorized service station.

<p><b>DIGITAL INPUTS</b> COAXIAL OPTICAL USB</p> <p>Accuphase model DAC-50</p>	<h3>Digital Input Board With USB DAC-50</h3> <p>Input for playback of digital signals from digital components</p> <p>USB: For USB 2.0 cable with Type B connector (max. 2 m) USB 2.0 Hi-Speed (480 Mbps) compliant Sampling frequency 2,822.4 MHz, 5,644.8 MHz, 11,289.6 MHz / 1 bit (11,289.6 MHz: ASIO only) 32 kHz to 384 kHz, 32 bit</p> <p>OPTICAL: For JEITA standard optical fiber cable Sampling frequency range 32 kHz to 96 kHz, 24 bit</p> <p>COAXIAL: For 75-ohm coaxial digital cable Sampling frequency range 32 kHz to 192 kHz, 24 bit</p> <p>● Compatible models (Models marked with (*) cannot accommodate two DAC-50 boards) C-2120, C-2110, C-2000, C-245 (*), CX-260 (*) E-650, E-600, E-560, E-550, E-530 E-470, E-460, E-450, E-408 E-370, E-360, E-350, E-308 (*), E-307 (*) E-270, E-260, E-250, E-213</p>	<p><b>AD INPUTS</b> LEFT RIGHT GND</p> <p>Accuphase model AD-50</p>	<h3>Analog Disc Input Board AD-50</h3> <p>Input for playback of signals from analog record player. Incorporates high-performance, high-gain phono equalizer.</p> <ul style="list-style-type: none"> <li>● Supports MC and MM cartridges</li> <li>● Input impedance switching and subsonic filter MC: Gain 66 dB, Impedance 30/100/300 Ω MM: Gain 40 dB, Impedance 47 kΩ</li> <li>● Compatible models: C-2120, C-2110, C-2000, C-245, CX-260, C-265 E-650, E-600, E-560, E-550, E-530 E-470, E-460, E-450, E-408, E-407, E-406V E-370, E-360, E-350, E-308, E-307, E-306V E-270, E-260, E-250, E-213, E-212, E-211</li> </ul>
<p><b>LINE INPUTS</b> LEFT RIGHT</p> <p>Accuphase model LINE-10</p>	<h3>Line Input Board LINE-10</h3> <p>General high-level line input</p> <ul style="list-style-type: none"> <li>● Compatible models: C-2120, C-2110, C-2000, C-245, CX-260, C-265 E-650, E-600, E-560, E-550, E-530 E-470, E-460, E-450, E-408, E-407, E-406V E-370, E-360, E-350, E-308, E-307, E-306V E-270, E-260, E-250, E-213, E-212, E-211</li> </ul>		

## List of Supplied Remote Commanders

<p><b>RC-110</b></p> <ul style="list-style-type: none"> <li>● Compatible models: DP-720</li> </ul>	<p><b>RC-120</b></p> <ul style="list-style-type: none"> <li>● Compatible models: DP-950, DP-560</li> </ul>	<p><b>RC-130</b></p> <ul style="list-style-type: none"> <li>● Compatible models: DP-430</li> </ul>	<p><b>RC-210</b></p> <ul style="list-style-type: none"> <li>● Compatible models: C-3850</li> </ul>	<p><b>RC-220</b></p> <ul style="list-style-type: none"> <li>● Compatible models: C-2850, C-2450, C-2120, E-650, E-470</li> </ul>	<p><b>RC-230</b></p> <ul style="list-style-type: none"> <li>● Compatible models: E-370, E-270</li> </ul>	<p><b>RC-310</b></p> <ul style="list-style-type: none"> <li>● Compatible models: DG-58</li> </ul>	<p><b>RC-410</b></p> <ul style="list-style-type: none"> <li>● Compatible models: T-1100</li> </ul>
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## E-650 CLASS-A 30 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards: DAC-50, AD-50, LINE-10

The E-650 is a pure class A integrated amplifier that maintains balanced signal transmission throughout its entire circuitry, from the inputs to the outputs. The preamplifier section features the same Balanced AAVA implementation with a combined arrangement of two AAVA units as in the C-3850. The power amplifier section is configured as an instrumentation amplifier and employs highly renowned power MOS-FETs in a triple parallel push-pull arrangement for the output stage. With a massive toroidal transformer, large filtering capacitors, and many other high-quality parts, the amplifier rivals separate components in performance, delivering an impressive 150 watts per channel into ultra-low 1-ohm loads (with music signals). The output circuitry reflects intensive R & D efforts and is rated for a damping factor of 800. As a result, the E-650 brings out the hidden potential of even the most difficult speakers, taking the listener into a limitless world of deep musical enjoyment.

### GUARANTEED SPECIFICATIONS (with AD-50 installed)

● Continuous average output power: 30 W/ch (8 ohms), 60 W/ch (4 ohms), 120 W/ch (2 ohms), 150 W/ch (1 ohm, music signals) ● Frequency response (1 W output): 3 Hz - 150 kHz +0, -3.0 dB ● Damping factor: 800 (EIA, 8 ohm load, 50 Hz) ● Input sensitivity: 0.126 mV (DISC MC), 2.5 mV (DISC MM), 77.7 mV (HIGH LEVEL), 0.617 V (MAIN IN) ● S/N ratio: 102 dB (HIGH LEVEL), 117 dB (MAIN IN)

### MAIN FEATURES

● Phase selector button ● Volume level display ● Recorder switch ● Tone controls ● Loudness compensator ● Speaker selector ● Meter operation/illumination switch ● Switchable MAIN IN connectors (line, balanced) ● Two sets of speaker outputs ● Maximum dimensions: 465 (W) x 191 (H) x 428 (D) mm (18-5/16" x 7-1/2" x 16-7/8") ● Mass: 25.3 kg

\* Supplied accessories: AC power cord / Remote commander RC-220

## E-470 180 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards: DAC-50, AD-50, LINE-10

The E-470 represents a full model change from the acclaimed high-end integrated amplifier E-460, featuring further advanced technology for state-of-the-art performance. At the heart of the preamplifier section is an improved AAVA type volume control, and the power amplifier block is configured with the latest instrumentation amplifier topology, enabling fully balanced signal transmission throughout. Power MOS-FET devices arranged in triple parallel push-pull pairs ensure low impedance of the output section and realize a damping factor of 500. MOS-FET switches for speaker protection and other features ensure superb electrical characteristics and improve long-term reliability. Outstanding design technology, latest circuit topology, and high-grade parts and materials create a sound stage of brilliant musicality and amazing realism.

### GUARANTEED SPECIFICATIONS (with AD-30 installed)

● Continuous average output power: 180 W/ch (8 ohms, both channels driven, 20 - 20,000 Hz, THD 0.05%) ● Frequency response (1 W output): 3 Hz - 150 kHz +0, -3.0 dB ● Damping factor: 500 (EIA, 8 ohm load, 50 Hz) ● Input sensitivity: 0.126 mV (DISC MC), 2.5 mV (DISC MM), 190 mV (HIGH LEVEL), 1.51 V (POWER IN) ● S/N ratio: 109 dB (HIGH LEVEL), 125 dB (POWER IN)

### MAIN FEATURES

● Phase selector button ● Volume level display ● Recorder switch ● Tone controls ● Loudness compensator ● Speaker selector ● Meter operation/illumination switch ● Switchable POWER IN connectors ● Balanced inputs ● Two sets of speaker outputs ● Maximum dimensions: 465 (W) x 181 (H) x 428 (D) mm (18-5/16" x 7-1/8" x 16-7/8") ● Mass: 24.5 kg

\* Supplied accessories: AC power cord / Remote commander RC-220

## E-370 100 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards: DAC-50, AD-50, LINE-10

The E-370 represents a full model change of the E-360, while incorporating advanced design technology from the top-of-the-line integrated stereo amplifier E-600 and the high-power model E-470. Internally, the preamplifier and power amplifier sections are kept entirely separate through a sophisticated design, allowing each part to develop its optimum potential, rivaling the performance and sound quality of separate type amplifiers. At the heart of the preamplifier section is the same low noise type AAVA volume control as found in the E-600. The power amplifier is fully balanced throughout all stages. Latest circuit topology results in a 3 dB improvement in overall S/N ratio. MOS-FET switches in the protection circuit eliminate mechanical contacts altogether, and a high damping factor of at least 400 means that speaker drive capability even under difficult circumstances is significantly improved. With a level of sonic excellence that transcends its class, the E-370 opens up a new chapter in musical enjoyment.

### GUARANTEED SPECIFICATIONS (with AD-30 installed)

● Continuous average output power: 100 W/ch (8 ohms, both channels driven, 20 - 20,000 Hz, THD 0.05%) ● Frequency response (1 W output): 3 Hz - 150 kHz +0, -3.0 dB ● Damping factor: 400 (EIA, 8 ohm load, 50 Hz) ● Input sensitivity: 0.126 mV (DISC MC), 2.5 mV (DISC MM), 142 mV (HIGH LEVEL), 1.13 V (POWER IN) ● S/N ratio: 107 dB (HIGH LEVEL), 123 dB (POWER IN)

### MAIN FEATURES

● Phase selector button ● Volume level display ● Recorder switch ● Tone controls ● Loudness compensator ● Speaker selector ● Meter operation/illumination switch ● Switchable POWER IN connectors ● Balanced inputs ● Two sets of speaker outputs ● Maximum dimensions: 465 (W) x 171 (H) x 422 (D) mm (18-5/16" x 6-3/4" x 16-5/8") ● Mass: 22.7 kg

\* Supplied accessories: AC power cord / Remote commander RC-230

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



- ◆ Number of option board slots: 1
- ◆ Compatible option boards: DAC-50, AD-50, LINE-10

The E-270 represents a full model change from the E-260, while featuring the same AAVA volume control as the higher-ranked E-600, E-470 and E-370 models which further improves perceived S/N ratio. Appealing features include numeric indication of volume level and easy separation of preamplifier and power amplifier sections with a simple switch, along with MAIN IN connectors. Both in performance and sound quality, this amplifier easily transcends its class. The power amplifier block is configured as an advanced instrumentation amplifier, which enables fully balanced signal transmission throughout. In the output stage, high-power transistors are arranged in a parallel push-pull configuration, and the redesigned NFB path enables a damping factor as high as 400, for high-quality power and superb drive capability. An option board slot allows for example the use of a digital input board with USB port or the high-quality reproduction of analog records.

### GUARANTEED SPECIFICATIONS (with AD-30 installed)

● Continuous average output power: 90 W/ch (8 ohms, both channels driven, 20 - 20,000 Hz, THD 0.05%) ● Frequency response (1 W output): 3 Hz - 150 kHz +0, -3.0 dB ● Damping factor: 400 (EIA, 8 ohm load, 50 Hz) ● Input sensitivity: 0.126 mV (DISC MC), 2.5 mV (DISC MM), 134 mV (HIGH LEVEL), 1.07 V (MAIN IN) ● S/N ratio: 106 dB (HIGH LEVEL), 122 dB (MAIN IN)

### MAIN FEATURES

● Phase selector button ● Volume level display ● Recorder switch ● Tone controls ● Loudness compensator ● MAIN IN button ● Speaker selector ● Balanced inputs ● Maximum dimensions: 465 (W) x 151 (H) x 420 (D) mm (18-5/16" x 5-15/16" x 16-9/16") ● Mass: 20.0 kg

\* Supplied accessories: AC power cord / Remote commander RC-230

# PS-1230/PS-530

CLEAN POWER SUPPLY

\* Photos show 230 V AC versions



PS-1230



PS-530

Every audio component draws all of its energy from the power supply. The Clean Power Supply components from Accuphase are products that remove noise and impurities from the AC power line through a groundbreaking new approach, resulting in a drastic improvement of the sound and picture quality of connected audio and video equipment. Without relying on an oscillator, the reference waveform is created with further improved accuracy and is linked to the power section by a balanced connection to ensure incredibly low distortion in the output waveform. Because the circuitry is fully analog and the input and output frequencies are exactly the same, the unit itself does not generate any high-frequency noise. The PS-1230 can supply up to 1,200 VA and the PS-530 up to 510 VA to audio components, resulting in a dramatic sound quality improvement with any system. A built-in meter allows monitoring of output power, input/output voltage, and distortion.

#### GUARANTEED SPECIFICATIONS

	PS-1230		PS-530	
	120 V version	230 V version	120 V version	230 V version
Rated output capacity (continuous)	1,000 VA	1,200 VA	510 VA	
Rated output voltage	120 V AC $\pm$ 1.5 V	230 V AC $\pm$ 3.0 V	120 V AC $\pm$ 1.5 V	230 V AC $\pm$ 3.0 V
Rated output current	8.3 A	5.2 A	4.25 A	2.22 A
Instantaneous peak current capacity	160 A	80 A	80 A	40 A
Output frequency	50 Hz or 60 Hz (identical to input frequency)			
Output waveform THD	0.08% or less			
Input voltage	120 V AC	230 V AC	120 V AC	230 V AC
Input frequency	50 Hz or 60 Hz			
No-load power consumption	39 W	50 W	28 W	37 W
AC connectors	8	8	8	6
Maximum dimensions	465 x 243.4 x 500.2 mm		465 x 181 x 386 mm	
Width x Height x Depth	18-5/16" x 9-9/16" x 19-11/16"		18-5/16" x 7-1/8" x 15-3/16"	
Mass	41.7 kg		24.0 kg	

#### MAIN FEATURES

● Power switch/circuit protector ● Meter selector ("AUTO-MONITOR" function) ● Meter switchable for monitoring output power, input/output voltage, input/output distortion

\* Supplied accessory: AC power cord

# T-1100

DDS TYPE FM STEREO TUNER



FM broadcasts are still an important medium, covering the entire spectrum from live performances of time-honored classical works to the latest hits and music related information. The T-1100 provides access to this rich resource in unsurpassed quality. The newly developed front end using the DDS principle represents a successful blend of latest RF know-how and advanced digital technology. All functions from the intermediate frequency (IF) stage onwards are implemented using digital signal processing in completely new and innovative ways. This comprises the variable bandwidth IF filter, multipath reduction (MPR) function, digital FM detector, and DS-DC stereo demodulator. Regardless of whether the signal is weak or strong, and even in the presence of interference, the T-1100 will deliver the target station with optimum sound quality. A digital output as well as balanced analog outputs are also available. Pulse tuning allows manual operation with a high-class feel, and 20 station preset buttons give quick access to an array of your favorites.

#### GUARANTEED SPECIFICATIONS

● IHF sensitivity: mono 11 dBf / stereo 29 dBf ● S/N ratio: mono 90 dB or better / stereo 85 dB or better ● THD (1 kHz): mono 0.02% max. / stereo 0.04% max. ● Stereo channel separation (1 kHz): 60 dB or better ● Digital output: sampling frequency 48 kHz / 24 bit

#### MAIN FEATURES

● 20 station memory ● Manual rotary knob with pulse tuning system ● Muting circuit on/off button ● Mode selector ● IF bandwidth selector ● LOCAL/DISTANCE button ● Multipath reduction on/off button ● Meter selector (signal strength/multipath) ● Digital output ● Balanced analog outputs ● Balanced output phase selector ● Maximum dimensions 465 (W) x 140 (H) x 406 (D) mm (18-5/16" x 5-1/2" x 16") ● Mass 13.0 kg

\* Supplied accessories: AC power cord / Audio cable with plugs AL-10 / Remote commander RC-410

# C-37

STEREO PHONO AMPLIFIER



Ever since the company's founding, Accuphase has been deeply involved in advancing the art of analog disc playback, gathering an immense store of relevant know-how. The C-37 is a full model change of the top-ranked stereo phono amplifier C-27. Designed to complement the 40th anniversary commemorative models C-3800 and C-2820, the C-37 features latest circuitry and only the finest components strictly selected for sonic performance, to bring out the qualities of analog records with even more fidelity. Configured as a dedicated MC head amp and MM equalizer amp, with separate sections for left and right channels, the respective circuitry was optimized to handle MC and MM cartridges with the utmost authority. Ultra low noise transistors and other measures result in further improved S/N ratio. Conceived as the ultimate phono equalizer amp, the C-37 fully brings out the characteristics and sonic qualities of any phono cartridge, allowing the listener to explore the legendary musical depth of analog discs.

#### GUARANTEED SPECIFICATIONS (with GAIN at Normal setting)

● THD: 0.005% or less (1 kHz, at rated output) ● RIAA deviation: 10 Hz - 20 kHz MC  $\pm$ 0.3 dB, MM  $\pm$ 0.3 dB ● Input sensitivity: MC 2 mV, MM 63 mV ● Maximum input voltage: MC 9 mV, MM 300 mV ● Input impedance: MC 3  $\Omega$ , 10  $\Omega$ , 30  $\Omega$ , 100  $\Omega$ , 300  $\Omega$ , 1 k $\Omega$  switchable; MM 1k $\Omega$ , 47 k $\Omega$ , 100 k $\Omega$ , switchable ● Gain: Normal setting MC 60 dB, MM 30 dB; High setting MC 70 dB, MM 40 dB ● Subsonic filter: -12 dB/octave, 10 Hz ● Rated output: 2 V, 50  $\Omega$  ● S/N ratio: MC 100 dB, MM 110 dB

#### MAIN FEATURES

● Input selector ● MC/MM selector ● Load impedance selector ● Gain selector ● Subsonic filter ● Three sets of player inputs/GND terminals ● Balanced outputs ● Balanced output phase selector ● Maximum dimensions: 465 (W) x 114 (H) x 407 (D) mm (18-5/16" x 4-1/2" x 16") ● Mass: 14.5 kg

\* Supplied accessories: AC power cord / Audio cable with plugs ASL-10

## MC Type Phono Cartridge

# AC-6



The AC-6 represents the fifth generation of phono cartridges from Accuphase, combining extensive experience with latest technology advancements, designed for ultimate playback capability. The semi line contact stylus extracts minute vibrations that are transmitted instantaneously to the magnetic circuit by a boron cantilever with high propagation speed. The magnetic circuit is mounted on a strong titanium base, ensuring accurate conversion into a music signal. Using a combination of carefully selected materials, each AC-6 is finished individually to the highest precision by dedicated and experienced craftsmen. Welcome to the exquisite world of analog record playback.

● Cartridge type: Moving coil ● Frequency response: 10 Hz to 50 kHz ● Rated output voltage: 0.4 mV (1 kHz) ● Impedance: 1.8 ohms (DCR) ● Recommended tracking force: 1.9 to 2.2 g (centered on 2.0 g) ● Channel balance: Within 0.5 dB (1 kHz) ● Channel separation: 30 dB or better (1 kHz) ● Compliance: 8 x 10<sup>-6</sup> cm/dyne at 100 Hz (CBS STR100) ● Recommended load impedance with amplifier: 100 ohms or more, with step-up transformer: no limitations ● Stylus: Semi line contact type (3  $\mu$ m x 30  $\mu$ m) ● Cantilever: Solid boron, 0.3 mm dia. ● Core material: Special magnetic material ● Magnet: Neodymium N50 ● Coil: OFC, 50  $\mu$ m dia. ● Terminal pins: High-gloss rhodium plated ● Mass: 13.5 g

# DG-58 DIGITAL VOICING EQUALIZER



The DG-58 is a fourth-generation Digital Voicing Equalizer featuring leading-edge digital technology. A brilliant high-resolution IPS LCD panel allows the use of a stylus pen to directly draw any desired sound field response curve. The superb control and interface design offers a choice between "Simple Voicing" with emphasis on ease of use and automatic operation, or "Custom Voicing" that gives users the power to realize a specific acoustic concept through extensive control over all aspects. The standard configuration comprises a wide range of input and output options (HS-LINK, Coaxial, Optical) and a high-performance A/D converter along with an 8 MDS++ D/A converter. A USB port allows saving and loading of setting data and equalizer curves on USB flash memory. A screenshot function for saving high-resolution bitmap images of the current display content is also provided.

### GUARANTEED SPECIFICATIONS

●Voicing: 67 frequency bands with 1/6 octave spacing (adjustment range  $\pm 12$  dB) ●Equalizer: 80 frequency bands with 1/6 octave spacing (adjustment range  $\pm 12$  dB) ●Spectrum Analyzer: 35 frequency bands with 1/3 octave spacing, real-time operation ●Gain: +12 to -90 dB variable ●Frequency response: 0.5 - 50,000 Hz +0, -3.0 dB ●Analog input maximum signal level: 1.78 V (GAIN 0 dB)

### MAIN FEATURES

●Cursor/Enter buttons ●Voicing/Equalizer On/Off button ●Channel selector button ●Memory button ●Input selector button ●Home button ●Microphone input connector ●Line and balanced analog input connectors ●Digital input/output connectors (HS-LINK/COAXIAL/OPTICAL) ●USB port for flash memory ●Maximum dimensions: 465 (W) x 161 (H) x 396 (D) mm (18-5/16" x 6-5/16" x 15-9/16") ●Mass: 14.3kg

### \* Supplied accessories:

Stylus pen / Measurement microphone **AM-48** / Microphone cable (5 m) / Microphone holder / AC power cord / Audio cable with plugs **ASL-10** / Remote commander **RC-310**

# DF-65 DIGITAL FREQUENCY DIVIDING NETWORK



Realizing the ultimate in audio enjoyment and performance — The Digital Frequency Dividing Network DF-65 harnesses the very best of digital technology in every aspect, including a high-speed 40-bit floating point DSP. The standard unit configuration supports signal processing for up to four-way systems. Highly accurate digital filters offer a choice of 59 cutoff frequency points and up to 96 dB/octave attenuation. The integrated time alignment function is adjustable in 0.5-cm steps, and a delay compensator can automatically offset any filter circuit delays. A monophonic output mode setting provides high versatility for various configurations.

Internal cutoff frequency settings (Hz) <Cutoff characteristics: -3.0 dB, 59 points>														
10	20	31.5	35.5	40	45	50	56	63	71	80	90	100	112	125
140	160	180	200	224	250	280	290	315	355	400	500	560	630	710
800	900	1000	1120	1250	1400	1600	1800	2000	2240	2500	2800	3150	3550	4000
5000	5600	6300	7100	8000	9000	10k	11.2k	12.5k	14k	16k	18k	20k	22.4k	

### GUARANTEED SPECIFICATIONS AND MAIN FEATURES

Slope characteristics	Six types: 6 dB, 12 dB, 18 dB, 24 dB, 48 dB, 96 dB / octave	Analog input	Line/balanced input, one each A/D converter: 24 bit/176.4 kHz	THD	0.0007% (20 - 20,000 Hz)
Delay setting range (converted into distance)	-3,000 to +3,000 cm (0.5-cm steps)	Analog output	Each channel: Line/balanced input, one each	Channel separation	108 dB
Delay compensator	ON: Automatic compensation OFF: Manual compensation	D/A converter	Stereo operation : 32-bit, 4MDS++ Mono operation : 32-bit, 8MDS++	S/N ratio	Digital input : 121 dB Analog input : 116 dB
Level setting range	-40 dB to +12 dB (0.1 dB steps)	Digital input	HS-LINK, COAXIAL, OPTICAL	Output voltage, output impedance	LINE/BALANCED: 2.5 V, 50 ohms
Phase	Left/Right: Normal/Reverse, 4 patterns	Sampling frequencies	OPTICAL: 32 kHz - 96 kHz COAXIAL: 32 kHz - 192 kHz HS-LINK: 32 kHz - 192 kHz (Ver. 1) 32 kHz - 384 kHz (Ver. 2)	Number of channels	4-way (unused channels can be set to OFF)
Memory (Save/Recall)	For 4 channels together, 5 types	Digital output	HS-LINK, for 5-way and higher configurations	Output modes	STEREO, MONO L+R, MONO L, MONO R
Character display	8 characters (preset names or select from 97 characters)	Frequency response	2.0 to 50,000 Hz, +0, -3 dB	Maximum dimensions	465 (W) x 151 (H) x 396 (D) mm (18-5/16" x 5-15/16" x 15-9/16")
				Mass	15.1 kg

\* Supplied accessory: AC power cord

## AUDIO CABLES

Audio cables must have low transmission losses, not introduce any sonic character of their own, and bring out the performance potential and musical qualities of connected equipment without any degradation. Audio cables from Accuphase employ the most up-to-date technology to meet these goals. They are high-quality products created through intensive research into conductor and insulation materials as well as cable construction principles, combined with extensive series of listening tests.

### ■ ASL/AL type

For line connections  
Gold-plated corrosion-resistant RCA-type phono plugs with low contact resistance

### ■ ASLC/ALC type

For balanced connections  
3-pin Cannon type XLR connectors

### SR Series < 8-Core Multi-Hybrid Conductor >



●Type: 8-core multi-hybrid configuration ●Center conductors: high-purity copper wire (7N) + 3 types of copper wire ●Jacket: dark brown PVC, 8.7 mm dia. ●Dielectric: polyethylene ●Total DC loop resistance: 20 m ohm/m ●Capacitance between two center conductors: 378 pF/m ●Insulation resistance: 40 M ohm/km

Model No.	Cable length	Type of plug
ASL-10	1.0 m x 2 cables	Phono plug
ASL-15	1.5 m x 2 cables	
ASL-30	3.0 m x 2 cables	
ASL-50*	5.0 m x 2 cables	Phono plug
ASL-75*	7.5 m x 2 cables	
ASL-100*	10.0 m x 2 cables	
ASLC-10	1.0 m x 2 cables	3-P XLR connector
ASLC-15	1.5 m x 2 cables	
ASLC-30	3.0 m x 2 cables	
ASLC-50*	5.0 m x 2 cables	3-P XLR connector
ASLC-75*	7.5 m x 2 cables	
ASLC-100*	10.0 m x 2 cables	

\* For both the SR and OFC series, cable lengths of 5 m, 7.5 m, and 10 m are available as special-order products.

### OFC Series < Oxygen-Free Copper (OFC) Twisted Wire >



●Type: 2-conductor shielded cable ●Center conductors: [oxygen-free copper wire + silver-plated soft copper wire] ●Jacket: blue PVC, 8.0 mm dia. ●Dielectric: polyethylene + foamed polyethylene ●Total DC loop resistance: 33 m-ohm/m ●Inter-electrode capacitance: 170 pF/m ●Insulation resistance: 40 M ohm/km

Model No.	Cable length	Type of plug
AL-10	1.0 m x 2 cables	Phono plug
AL-15	1.5 m x 2 cables	
AL-30	3.0 m x 2 cables	
AL-50*	5.0 m x 2 cables	Phono plug
AL-75*	7.5 m x 2 cables	
AL-100*	10.0 m x 2 cables	
ALC-10	1.0 m x 2 cables	3-P XLR connector
ALC-15	1.5 m x 2 cables	
ALC-30	3.0 m x 2 cables	
ALC-50*	5.0 m x 2 cables	3-P XLR connector
ALC-75*	7.5 m x 2 cables	
ALC-100*	10.0 m x 2 cables	

## DIGITAL CABLE



HS-LINK Cable AHDL-15

### ■ HS-LINK cable

The HS-LINK cable is a dedicated cable for Accuphase HS-LINK digital signal transmission. It can only be used with audio components equipped with an HS-LINK (RJ-45) connector. It cannot be used with any other kind of equipment.

\*Triple shielded twisted pair 8-conductor cable

Type	Model No.	Cable length
HS-LINK Cable	AHDL-15	1.5 m

\* 3.0 meter cable length (AHDL-30) available as special-order option

\* Specifications and design subject to change without notice for improvements.



ACCUPHASE LABORATORY, INC.  
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