

### A-200 CLASS-A 100 W/8 Ohms MONOPHONIC POWER AMPLIFIER



Eminently capable pure Class A monophonic power amplifier with power MOS-FET technology — Realizing ideal speaker drive characteristics, the A-200 features two separate but completely identical power amplifier circuits driven in parallel, a damping factor of 1,000, and semiconductor (MOS-FET) switches instead of output relays to eliminate mechanical contact points. In the input stage, the ultra-low-noise double instrumentation amplifier configuration enables fully balanced signal transmission, augmented by double MCS+ circuit and current feedback topology for minimal distortion and outstanding performance parameters. The result is astounding S/N ratio and ultra-refined sound quality. The massive power supply with a large high-efficiency toroidal transformer and plenty of filtering capacity supports an output stage with MOS-FETs in a 20-parallel push-pull configuration that realizes constant-voltage speaker drive. Printed circuit boards made from glass cloth fluorocarbon resin with low dielectric constant and minimum loss, and gold-plating of major signal-carrying parts further enhance sonic purity. Bridged operation allows use of two A-200 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: 126 dB (GAIN: MAX), 132 dB (GAIN: -12dB) (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: 10W/100W/1000W
- Hold time selector button
- Input selector
- Gain selector
- 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-46 CLASS-A 45 W/ch STEREO POWER AMPLIFIER



Pure class A power amplifier with power MOS-FETs delivers 45 watts per channel --- Positioned in the middle of Accuphase's highly acclaimed Pure Class A series, between the A-65 and the A-35 models, the A-46 with its distinctive external heat sinks inherits all the design technology advantages of the series and boasts sound quality that has been honed to perfection. The instrumentation amplifier principle allows fully balanced signal transmission throughout the amplifier stages, and further improved MCS+ topology together with the renowned current feedback topology result in further improved S/N ratio, minimal distortion, and superb performance in all other regards. Instead of output relays, the A-46 employs semiconductor (MOS-FET) switches without mechanical contacts for speaker protection. This assures long-term reliability and improved signal purity. Robust power supply and 6-parallel push-pull arrangement of power MOS-FETs drive even 1-ohm loads with 360 watts per channel (music signal). Bridged connection creates a more powerful monophonic amplifier with dramatic impact.

#### 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: 500 (EIA, 8 ohm load, 50 Hz)
- S/N ratio: 115 dB or better (A weighted)
- Input sensitivity: 0.76 V

#### MAIN FEATURES

- Logarithmic compression type analog power meters
- Gain selector
- Input selector button
- Meter ON/OFF and sensitivity selector
- Speaker selector buttons
- Mode switch
- 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: 31.9 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 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-6100 700 W/1 Ohm STEREO POWER AMPLIFIER



The high-end stereo power amplifier P-6100 is a stereo version of the Class AB Monophonic Power Amplifier M-6000 using power MOS-FETs in the output stage. Benefiting from the outstanding design technology of its predecessor, the P-6100 features instrumentation amplifier topology for fully balanced signal paths, as well as a further refined MCS+ circuit and the current feedback principle to minimize noise. Printed circuit boards made from glass fluorocarbon resin with low dielectric constant and low loss, as well as specially selected top-grade materials and parts are used throughout. The output stage employs an 8-parallel push-pull arrangement of high-power MOS-FET devices renowned for their great sound and utter reliability. Massive heat sinks on both sides of the chassis achieve efficient dissipation of thermal energy. Together with the high-efficiency toroidal transformer housed in an aluminum enclosure with heat dissipation fins and the two large 56,000  $\mu$ F filtering capacitors, the power supply allows the amplifier to deliver an amazing 700 watts of power per channel into an ultra-low impedance load of 1 ohm (music signals). Using the P-6100 in bridged mode creates a monophonic amplifier with even more impressive power capability, rated for 1400 watts into 2 ohms (music signals).

### GUARANTEED SPECIFICATIONS

● Continuous average output power: 110 W/ch (8 ohms), 220 W/ch (4 ohms), 440 W/ch (2 ohms), 700 W/ch (1 ohm, music signal) / bridged operation: continuous output 440 W (8 ohms), 880 W (4 ohms), 1,400 W (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 or better (A weighted) ● Input sensitivity: 1.18 V

### MAIN FEATURES

● Logarithmic compression type analog power meters ● Gain selector ● Input selector button ● Meter ON/OFF button and hold time selector button ● Speaker selector ● Mode switch ● Balanced inputs ● Balanced input phase selector switch ● Maximum dimensions: 465 (W) x 221 (H) x 499 (D) mm (18-5/16" x 8-11/16" x 19-5/8") ● Mass: 42.7 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-2820 PRECISION STEREO PREAMPLIFIER



◆ Dedicated option unit for C-2820:  
Phono Equalizer Unit AD-2820

The C-2820 incorporates AAVA technology developed for the C-3800 and represents a full model change from its predecessor C-2810. Only strictly selected parts and materials are used throughout, and the entire circuitry has been redesigned for optimum sound quality. The AAVA volume control operates purely in the analog domain. The high S/N ratio and low distortion of the amplifier, as well as frequency response and sound quality remain excellent at any setting. A total of 16 unit amplifiers for line input, balanced input, AAVA, 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 full mono construction eliminates any risk of unwanted electrical or mechanical interaction between the two stereo channels. The optional phono equalizer unit AD-2820 allows playback of analog records with ultimate fidelity.

### GUARANTEED SPECIFICATIONS (with AD-2820 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-2820 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: 23.7 kg (with AD-2820 installed: 24.6 kg)

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

## C-2420 PRECISION STEREO CONTROL CENTER



◆ Dedicated option unit for C-2420:  
Phono Equalizer Unit AD-2820

Reflecting the refined sonic sensibility of Accuphase while incorporating advanced technology features developed for the C-3800 and C-2820, this control amplifier takes distinguished performance and sound quality to new heights. It features completely renewed circuitry and a further refined AAVA (Accuphase Analog Vari-gain Amplifier) volume control. The revolutionary AAVA volume control operates purely in the analog domain. The high S/N ratio and low distortion of the amplifier, as well as frequency response and sound quality remain excellent at any setting. Full mono construction is maintained throughout, with separate power supplies including transformer, filtering capacitors and related components for left and right channel. The modular amplifiers are also kept separate for left and right. 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. An optional phono equalizer unit allows playback of analog records with ultimate fidelity.

### GUARANTEED SPECIFICATIONS (with AD-2820 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 109 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-2820 installed: equalizer gain selector, MC input impedance selector ●Phase selector ●Attenuator ●Loudness compensator ●Recorder button ●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: 19.2 kg (with AD-2820 installed: 20.1 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-40, AD-30, 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-900 PRECISION SUPER AUDIO CD TRANSPORT



The DP-900/DC-901 combo, which has been designated as the second of Accuphase's 40-year anniversary releases, represents the ultimate in quality and advanced technology. The DP-900 is a digital output only SA-CD/CD transport featuring a new ultra-massive drive developed in-house by Accuphase to assure the best possible performance. The highly rigid, high-precision construction with low center of gravity absorbs vibrations, and the finely machined mechanism with exquisite tray ensures silent and smooth disc loading. The single-lens/twin laser diode pickup mounted to a high-speed access mechanism faithfully extracts a highly pure signal from any disc. Digital outputs include the Accuphase exclusive high-performance digital interface HS-LINK and a dedicated coaxial connector for CD output. The elegant design is complemented by massive cabinets with wood finish.

### GUARANTEED SPECIFICATIONS

●Compatible disc formats: 2-channel SA-CD and CD ●Digital output: HS-LINK, COAXIAL

### 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: 30.0 kg

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

# DC-901 PRECISION MDS DIGITAL PROCESSOR



The DC-901 is a digital processor designed for purest digital signal quality. Digital signal processing is handled by an ultra-high-speed FPGA and a further evolved MDS (Multiple Double Speed DSD) circuit with double-speed high-precision which forms a moving-average filter circuit for straight D/A conversion of the DSD signal. MDS uses 16 MDS type D/A converters driven in parallel. After conversion, the signals are summed. This not only minimizes conversion errors, it also functions as a high-cut filter with perfectly linear phase characteristics. A "Direct Balanced Filter" with totally separate line and balanced signal paths also helps to bring out the best from every source, whether it is SA-CD media or high-resolution music data from a song library stored on a computer. The music emerges with deep and satisfying impact.

### GUARANTEED SPECIFICATIONS

●Digital inputs: HS-LINK, BALANCED, COAXIAL, OPTICAL, USB ●Sampling frequencies: 32 kHz to 192 kHz PCM (OPTICAL up to 96 kHz), [HS-LINK only] 2.8224 MHz DSD ●Frequency response: 0.5 to 50,000 Hz +0, -3.0 dB ●THD: 0.0005% or less (20 to 20,000 Hz) ●S/N ratio: 120 dB ●Dynamic range: 117 dB ●Channel separation: 120 dB ●Rated output: 2.5 V (BALANCED, LINE)

### MAIN FEATURES

●Input selector buttons ●Output level control ●EXT DSP button ●Digital inputs: HS-LINK, BALANCED, COAXIAL (2 inputs), OPTICAL (2 inputs), USB ●Digital outputs: COAXIAL, OPTICAL ●EXTERNAL DSP input/output ●Balanced outputs ●Balanced output phase selector switch ●Remote commander supplied with DP-900 allows input switching, level control, etc. ●Maximum dimensions: 477 (W) x 156 (H) x 394 (D) mm (18-3/4" x 6-1/8" x 15-1/2") ●Mass: 23.4 kg

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

# DP-720/DP-550 SUPER AUDIO CD PLAYER



DP-720



DP-550

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-550: 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-550
SA-CD/CD		○
DSD disc		○ (DSF file format)
Laser diode wavelength	For SA-CD: 650 nm, for CD: 780 nm	
Sampling frequencies (2-channel linear PCM) (2-channel 1-bit DSD)	32 kHz - 192 kHz/24bit OPTICAL: 32 kHz-96 kHz/24bit HS-LINK only: 2.8224 MHz	
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	0.7 - 50,000 Hz +0, -3.0 dB
THD	0.0006% (20 to 20,000 Hz)	0.0007% (20 to 20,000 Hz)
S/N ratio	119 dB or better	118 dB or better
Dynamic range	116 dB or better	115 dB or better
Channel separation	117 dB or better	108 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	18.5 kg

### MAIN FEATURES

	DP-720	DP-550	
Repeat playback	Single track, all tracks		
Sampling frequency display	32, 44.1, 48, 88.2, 96, 176.4, 192, 2822.4 (kHz)		
Digital input	HS-LINK	1	
	COAXIAL	1	
	OPTICAL	1	
	USB	○ (Type B connector)	
Transport output	HS-LINK	EXT DSP	1
	COAXIAL	EXT DSP	1
	OPTICAL	-	1
Analog output	LINE	1	
	BALANCED	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-550: AC power cord / Audio cable with plugs AL-10 / Remote commander RC-110 / USB utility 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-410 COMPACT DISC PLAYER



Dedicated CD players for ultimate sound -- Accuphase-developed high-rigidity, high-precision drive optimized for CD reproduction, plus quiet and smooth disc loading mechanism ensure signal readout of the highest order. The processor section features an MDS++ type D/A converter with four parallel DACs, and the analog filter is a Direct Balanced Filter type with separate circuitry for the line and balanced signal paths. The CD transport section and digital processor are completely independent, and connectors are provided for digital input and transport output. Quality construction and highly advanced digital technology bring out the full potential of the CD medium and let the listener rediscover the joys of music.

### GUARANTEED SPECIFICATIONS

- Configuration: Integrated CD transport and digital processor ● CD standard format: EIA format ● Frequency response: 4.0 - 20,000 Hz ± 0.3 dB ● THD: 0.001% or less (20 - 20,000 Hz) ● S/N ratio: 114 dB or better
- Dynamic range: 110 dB or better ● Channel separation: 110 dB or better ● Digital input sampling frequency support: USB, COAXIAL: 32 kHz - 192 kHz/24 bit, OPTICAL: 32 kHz - 96 kHz/24 bit (2-channel linear PCM)
- Number of parallel D/A converters: 4 ● Rated output: 2.5 V (line, balanced)

### MAIN FEATURES

- Sampling frequency display: 32, 44.1, 48, 88.2, 96, 176.4, 192 (kHz) ● 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-110 / USB utility 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 5.6448 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] 2.8224 MHz, 5.6448 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-2820 For Use With C-2820/C-2420



The AD-2820 is a dedicated phono equalizer unit for the C-2820/C-2420 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-2820 or C-2420.

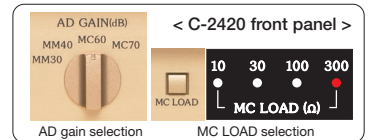
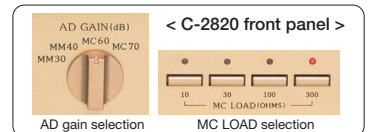
- AD gain [ MC: 60 dB, 70 dB  
MM: 30 dB, 40 dB
- Input impedance [ MC: 10 Ω, 30 Ω, 100 Ω, 300 Ω  
MM: 47 kΩ
- Supported models: C-2820, C-2810, C-2800, C-2420, C-2410, C-2400, C-290V, C-290

Note: When using a preamplifier other than C-2820/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.

Digital Input Board With USB DAC-40	Analog Disc Input Board AD-30	Line Input Board LINE-10
<p><b>DIGITAL INPUTS</b> COAXIAL OPTICAL USB</p> <p>Input for playback of digital signals from digital components COAXIAL : For 75-ohm coaxial cable, IEC 60958/AES-3 compliant : Sampling frequency range 32 kHz to 192 kHz, 24 bit OPTICAL : For optical fiber cable, IEC 60958/AES-3 compliant : Sampling frequency range 32 kHz to 96 kHz, 24 bit USB : For USB cable (Type B connector) : USB 2.0 High Speed (480 Mbps) compliant : Sampling frequency range 32 kHz to 192 kHz, 24 bit</p> <p>● Compatible models: (Models marked with (*) cannot accommodate two DAC-40 boards.) C-2000, C-2110, C-2120, C-245 (*), CX-260 (*), E-213, E-250, E-260, E-307 (*), E-308 (*), E-350, E-360, E-408, E-450, E-460, E-470, E-530, E-550, E-560, E-600</p>	<p><b>AD INPUTS</b> LEFT RIGHT GND</p> <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-2000, C-2110, C-2120, C-245, C-265, CX-260, E-211, E-212, E-213, E-250, E-260, E-307, E-308, E-350, E-360, E-407, E-408, E-450, E-460, E-470 E-530, E-550, E-560, E-600</li> </ul>	<p><b>LINE INPUTS</b> LEFT RIGHT</p> <p>General high-level line input</p> <ul style="list-style-type: none"> <li>● Compatible models: C-2000, C-2110, C-2120, C-245, C-265, CX-260, E-211, E-212, E-213, E-250, E-260, E-307, E-308, E-350, E-360, E-407, E-408, E-450, E-460, E-470, E-530, E-550, E-560, E-600</li> </ul>

## List of Supplied Remote Commanders

<p><b>RC-110</b></p> <ul style="list-style-type: none"> <li>● Compatible models: DP-410 DP-550 DP-720 DP-900</li> </ul>	<p><b>RC-200</b></p> <ul style="list-style-type: none"> <li>● Compatible models: E-260 E-360</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: E-470 E-600 C-2120 C-2420 C-2820</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-600 CLASS-A 30 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards: DAC-40, AD-30, LINE-10

The E-600 follows the same design concept as the Accuphase 40th anniversary commemorative models. It is a top-of-the-line pure class A integrated amplifier incorporating latest technology and ultra high grade materials from the Accuphase separate component lineup. The AAVA volume control in the preamplifier section employs a high-rigidity volume sensor extruded from a solid aluminum block. The power amplifier section realizes balanced signal transmission through advanced instrumentation amplifier topology. Triple parallel push-pull power MOS-FETs driven in pure class A deliver ample output power while maintaining extremely low impedance for ideal constant-voltage speaker drive. The massive power supply with large toroidal power transformer enables an output rating of 150 watts per channel into impedances as low as 1 ohm (music signals), with a damping factor of 500. Semiconductor (MOS-FET) switches instead of relays are used on the output side, eliminating mechanical contact points for outstanding long-term reliability and further improved sonic clarity.

### GUARANTEED SPECIFICATIONS (with AD-30 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: 500 (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 (POWER IN) ● S/N ratio: 101 dB (HIGH LEVEL), 117 dB (POWER IN)

### MAIN FEATURES

● Phase selector ● Volume level display ● Recorder switch ● Tone controls ● Loudness compensator ● Speaker selector ● Meter operation/illumination switch ● Switchable POWER IN connectors (line, balanced) ● Balanced inputs ● 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: 24.7 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-40, AD-30, 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-360 100 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards: DAC-40, AD-30, LINE-10

The E-360 represents a full model change from the extremely well regarded E-350, incorporating the same AAVA volume control topology as the E-460, for even higher perceived S/N ratio. Numeric indication of the volume level makes it easy to set precisely the desired level every time. The power amplifier section is built as an advanced instrumentation amplifier, which enables fully balanced signal transmission throughout. Together with the redesigned negative feedback circuitry resulting in a significantly higher damping factor, this makes for even better electrical characteristics and outstanding sonic performance. In the output stage, high-power transistors are arranged in a parallel push-pull configuration delivering high-quality output. The preamplifier section features tone controls and a versatile complement of functions. Further flexibility is provided by support for plug-in options including a digital input board with USB port and a board for impeccable reproduction of analog records.

### 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: 200 (EIA, 8 ohm load, 50 Hz) ● Input sensitivity: 0.11 mV (DISC MC), 2.2 mV (DISC MM), 142 mV (HIGH LEVEL), 1.13 V (POWER IN) ● S/N ratio: 105 dB (HIGH LEVEL), 122 dB (POWER IN)

### MAIN FEATURES

● Phase selector button ● Volume level display ● Recorder switch ● Tone controls ● Loudness compensator ● Speaker selector ● Meter operation/illumination switch ● EXT PRE selector ● 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: 21.7 kg

\* Supplied accessories: AC power cord / Remote commander RC-200

## E-260 90 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 1
- ◆ Compatible option boards: DAC-40, AD-30, LINE-10

The E-260 features the same AAVA volume control as the higher-ranked E-560, E-460, and E-360 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 EXT PRE connectors, allowing the sections to be used individually. A full model change from the E-250 has resulted in an even higher-grade product. The power amplifier block is configured as an advanced instrumentation amplifier, which enables fully balanced signal transmission throughout. In the output stage, high-power audio grade transistors are arranged in a parallel push-pull configuration, and the redesigned NFB path enables a damping factor as high as 200, 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: 200 (EIA, 8 ohm load, 50 Hz) ● Input sensitivity: 0.11 mV (DISC MC), 2.2 mV (DISC MM), 134 mV (HIGH LEVEL), 1.07 V (POWER IN) ● S/N ratio: 105 dB (HIGH LEVEL), 122 dB (POWER IN)

### MAIN FEATURES

● Phase selector button ● Volume level display ● Recorder switch ● Tone controls ● Loudness compensator ● EXT PRE 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-200

# PS-1220/PS-520

CLEAN POWER SUPPLY

\*Photos show 230 V AC versions



PS-1220



PS-520

The PS-1220 and PS-520 form a totally new product category. By removing all impurities such as noise, distortion, and high-frequency interference from the power line, these components act as a source of totally clean AC energy. Accuphase has developed a revolutionary new circuit which constantly monitors the input voltage waveform, compares it to an ideal reference, and adds or subtracts exactly the required amount of compensation to achieve a perfectly regular, sinusoidal waveform. The end result is output power with perfectly clean waveform at all times. Since the required compensation typically is only a fraction of overall power, the units operate with high efficiency and produce minimal heat, allowing a compact and lightweight design. Because the power supply frequency is synchronized to the input, the unit itself does not generate any high-frequency noise. The PS-1220 can supply up to 1,200 VA and the PS-520 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-1220		PS-520	
	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	4.2 A	2.2 A
Instantaneous peak current capacity	120 A	60 A	60 A	30 A
Output frequency	50 Hz or 60 Hz (identical to input frequency)			
Output waveform THD	0.1% or less		0.1% 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	60 W		50 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	41.2 kg		24.1 kg	23.5 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

# AC-5 MOVING COIL PHONO CARTRIDGE



■ Use of pewter minimizes transmission of vibrations and induction noise to cartridge body. Pewter is an alloy of tin with small amounts of antimony and copper. It is given a manual mirror finish and then rhodium and gold plated.

■ Microridge stylus shape similar to record cutter ensures wide playback frequency range.

■ Solid amorphous boron cantilever with high propagation speed

■ Samarium Cobalt Type 30 magnet with excellent thermal characteristics

■ "Real sound" type generating coil using 6N-LCOFC wire

■ 8-piece pure damper

● Cartridge type: Moving coil ● Rated output voltage: 0.24 mV (1 kHz, 5 cm/sec) ● Impedance: 4.5 ohms (1 kHz) ● Frequency response: 20 Hz to 20 kHz ( $\pm$ 1 dB) ● Channel separation: 30 dB (1 kHz) ● Channel balance: 0.5 dB (1 kHz) ● Trackability: 80  $\mu$ m/2.0 g (300 Hz) ● Generating coil, Wire material: 0.03 mm dia. 6N-LCOFC, Layout: Horizontal symmetrical ● Magnet: Samarium Cobalt Type 30 ● Cantilever: 0.3 mm dia. solid amorphous boron ● Stylus, Material: Microridge needle diamond 0.1 mm dia., Curvature: 3  $\mu$ m x 60  $\mu$ m, Service life: 2,000 hours (tracking force 2.0 g) ● Tracking force, Recommended: 2.0 g, Range: 1.7 to 2.5 g ● Compliance, Horizontal: 15 x 10<sup>-6</sup> cm/dyne, Vertical: 12 x 10<sup>-6</sup> cm/dyne ● Output terminals: 1.25 mm dia. (gold-plated brass) ● Recommended load impedance, Amplifier: 100 ohms or higher, Step-up transformer: 10 ohms or higher ● Cartridge weight: 11.5 g (standard)

# 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-55 DIGITAL FREQUENCY DIVIDING NETWORK



Designed to serve as core component in a no-holds-barred multi-amped system, the DF-55 is a third-generation digital channel divider from Accuphase. A high-speed, high-precision DSP chip further minimizes calculation errors, implementing accurate filtering of the highest order. The Hyperstream DAC section drastically improves S/N ratio. 59 cutoff frequency points, closely controlled slope characteristics, delay function with time alignment capability, phase and level control, all of these features are implemented in the digital domain. This makes it possible to extract the full performance potential from each driver, resulting in loudspeaker performance that elevates the art of audio to a wholly new level.

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	S/N ratio	Digital input : 120 dB Analog input : 113 dB
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	Output voltage, output impedance	LINE/BALANCED: 2.5 V, 50 ohms
Delay compensator	ON: Automatic compensation OFF: Manual compensation	D/A converter	Stereo operation : 24-bit, 4MDS++ Mono operation : 24-bit, 8MDS++	Number of channels	4-way (unused channels can be set to OFF)
Level setting range	-40 dB to +12 dB (0.1 dB steps)	Digital input	HS-LINK, COAXIAL, OPTICAL	Output modes	STEREO, MONO L+R, MONO L, MONO R
Phase	Left/Right: Normal/Reverse, 4 patterns	Sampling frequencies	HS-LINK, COAXIAL : up to 192 kHz OPTICAL : up to 96 kHz	Maximum dimensions	465 (W) x 151 (H) x 396 (D) mm (18-5/16" x 5-15/16" x 15-9/16")
Memory (Save/Recall)	For 4 channels together, 5 types	Digital output	HS-LINK, for 5-way and higher configurations	Mass	14.7 kg
Character display	8 characters (preset names or select from 97 characters)	Frequency response	2.0 to 50,000 Hz, +0, -3 dB		
		THD	0.001% (20 - 20,000 Hz)		
		Channel separation	108 dB		

\* 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	

### 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	

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

## 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.



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