

M-6000 1,200 W/1 OHM MONOPHONIC POWER AMPLIFIER



1,200 W/1 Ohm monophonic power amplifier with power MOS-FET devices — Two separate but completely identical power amplifier circuits are mounted on the left and right sides of the chassis and driven in parallel. The result is a power amplifier with extremely low output impedance and ideal speaker drive characteristics. Latest instrumentation amplifier technology in dual configuration enables fully balanced signal paths. Double MCS+ and current feedback topology in amplifier circuits ensure impeccable sound quality, outstanding S/N ratio, and minimal distortion. Massive power supply with large high-efficiency 900 VA toroidal transformer and plenty of filtering capacity. Output stage employs power MOS-FETs in a 16-parallel push-pull configuration that realizes constant-voltage speaker drive. Printed circuit boards made from Teflon 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 M-6000 units as a monophonic amplifier with even more power, capable of delivering 2,400 watts into 2 ohms.

GUARANTEED SPECIFICATIONS

●Continuous average output power: 150 watts (into 8 ohms), 300 watts (into 4 ohms), 600 watts (into 2 ohms), 1,200 watts (into 1 ohm) /Bridged operation (2 units): 600 watts (into 8 ohms), 1,200 watts (into 4 ohms), 2,400 watts (into 2 ohms) ●Frequency response: 0.5 - 150 kHz +0, -3.0 dB ●Intermodulation distortion: 0.01% ●Damping factor: 500 ●S/N ratio: 120 dB or better (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) ●Gain selector ●Input selector ●Phase selector ●Balanced input ●Maximum dimensions: 465 (W) x 220 (H) x 500 (D) mm (18-5/16" x 8-11/16" x 19-11/16") ●Mass: 38.5 kg

P-7100 1,000 W/1 Ohm STEREO POWER AMPLIFIER



Inheriting the design policy of the models M-8000 and P-7000, this stereo power amplifier is capable of delivering an amazing 1000 watts per channel into ultra-low impedance loads of one ohm. The amplifier circuitry employs the instrumentation amplifier principle with fully balanced signal transmission. Teflon circuit boards with extremely low dielectric constant and low loss assure pure signal transmission. Further improved MCS+ topology and current feedback design result in even better S/N ratio, distortion, and other performance parameters for outstanding electrical characteristics as well as sound quality. Each channel features 11 wideband power transistors arranged in a parallel push-pull configuration. Together with the large 1.5 kVA toroidal power transformer, this assures linear power progression down to extremely low 1-ohm loads. Bridged mode allows upgrading to a monophonic amplifier with 2000 watts into 2 ohms.

GUARANTEED SPECIFICATIONS

●Continuous average output power per channel: 125 watts (into 8 ohms), 250 watts (into 4 ohms), 500 watts (into 2 ohms), 1,000 watts (into 1 ohm) / Bridged operation: 500 watts (into 8 ohms), 1,000 watts (into 4 ohms), 2,000 watts (into 2 ohms) ●Frequency response: 0.5 - 160 kHz +0, -3.0 dB ●Intermodulation distortion: 0.01% ●Damping factor: 300 ●S/N ratio: 122 dB or better (A weighted) ●Rated input: 1.26 V

MAIN FEATURES

●Logarithmic compression type analog power meters ●Meter ON/OFF switch ●Mode selector ●Input selector ●Gain selector ●Balanced inputs ●Maximum dimensions: 465 (W) x 258 (H) x 545 (D) mm (18-5/16" x 10-3/16" x 21-7/16") ●Mass: 49.0 kg

P-5000 650 W/1 Ohm STEREO POWER AMPLIFIER



Stereo power amplifier with impressive muscle is ideal match for preamplifiers such as the C-2400 or C-2410. Implementing superb technology from other high-ranked Accuphase models, this amplifier delivers 650 watts into ultra-low 1-ohm loads. Current feedback circuit design ensures excellent high-frequency performance. MCS technology in input stage improves S/N ratio and minimizes distortion. Super Ring toroidal power transformer rated for 1 kVA, together with six parallel pairs of push-pull wide-band high-power transistors in output stage provide ideal low-impedance drive conditions. 4-step gain control minimizes residual noise. Bridged connection mode allows upgrading to a monophonic amplifier with 400 watts into 8 ohms.

GUARANTEED SPECIFICATIONS

●Continuous average output power per channel: 100 watts (into 8 ohms), 200 watts (into 4 ohms), 400 watts (into 2 ohms), 650 watts (into 1 ohm) / Bridged operation: 400 watts (into 8 ohms), 800 watts (into 4 ohms), 1,300 watts (into 2 ohms) ●Frequency response: 0.5 - 160 kHz +0, -3.0 dB ●Intermodulation distortion: 0.01% ●Damping factor: 270 ●S/N ratio: 120 dB or better (A weighted) ●Rated input: 1.12 V

MAIN FEATURES

●Logarithmic compression type analog power meters ●Meter ON/OFF switch ●Mode selector ●Input selector ●Gain selector ●Balanced inputs ●Maximum dimensions: 465 (W) x 221 (H) x 461 (D) mm (18-5/16" x 8-11/16" x 18-1/8") ●Mass: 31.2 kg

P-4100 500 W/1 Ohm STEREO POWER AMPLIFIER



Inheriting the superb design policy of models such as the P-7100 and M-6000, the P-4100 is configured as an instrumentation amplifier, which enables fully balanced transmission on all signal paths. Note the further refined MCS+ circuit topology and current feedback in the amplifier stages, strictly selected high-quality parts and materials, as well as outstanding performance characteristics in all respects including S/N ratio and THD. The external heat sinks and solid construction demonstrate that this stereo amplifier is designed for sound quality without compromise. The power supply with a large toroidal transformer rated for up to 950 VA provides ideal drive conditions for any speaker load. Wide-band high-power transistors in a 3-parallel push-pull configuration ensure low output impedance and constant voltage drive for superb speaker control, capable of delivering an impressive 500 watts into a 1-ohm load (music signal). The 4-step gain control minimizes residual noise, and bridged operation support allows turning the P-4100 into a monophonic amplifier rated for 1,000 watts into 2 ohms (music signals).

GUARANTEED SPECIFICATIONS

- Continuous average output power: 90 W/ch (8 ohms), 180 W/ch (4 ohms), 360 W/ch (2 ohms), 500 W/ch (1 ohm) / bridged operation: continuous output 360 W (8 ohms), 720 W (4 ohms), 1000 W (2 ohms)
- Frequency response: 0.5 - 160 kHz +0, -3.0 dB
- IM distortion: 0.01%
- Damping factor: 180
- S/N ratio: 120 dB (A weighted)
- Input sensitivity: 1.07 V

MAIN FEATURES

- Logarithmic compression type analog power meters
- Gain selector
- Input selector buttons
- Meter on/off button
- Speaker selector
- Mode switch
- Balanced inputs
- Maximum dimensions: 465 (W) x 190 (H) x 427 (D) mm (18-5/16" x 7-1/2" x 16-13/16")
- Mass: 28.2 kg

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



Aiming for the world's best — The peerless sound of pure class A and power MOS-FETs is the ultimate dream of many audiophiles. The A-60 offers that and more: MCS topology in input stage reduces noise to negligible levels, and current feedback combines operation stability with excellent frequency response. Outstanding characteristics are achieved using only minimal NFB. Two other design goals realized in this amplifier are very low output impedance and constant voltage drive for the loudspeakers. Ten pairs of power MOS-FETs renowned for their superior sound are arranged in a parallel push-pull configuration for each channel, and driven in pure class A. The power supply with massive "Super Ring" toroidal transformer delivers linear power into ultra-low impedances down to 1 ohm. Bridged connection allows upgrading to a monophonic amplifier with even more power. Dual-function power meters show digital readout or bar graph display.

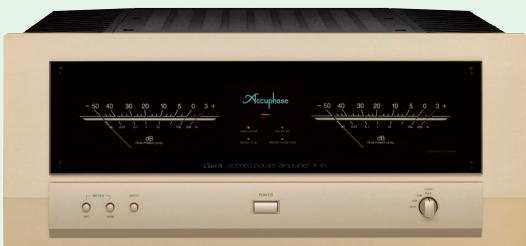
GUARANTEED SPECIFICATIONS

- Continuous average output power: 60 watts/ch (into 8 ohms), 120 watts/ch (into 4 ohms), 240 watts/ch (into 2 ohms), 480 watts/ch (into 1 ohm) / Bridged operation: 240 watts (into 8 ohms), 480 watts (into 4 ohms), 960 watts (into 2 ohms)
- Frequency response: 0.5 Hz - 160 kHz +0 -3.0 dB
- Intermodulation distortion: 0.01%
- Damping factor: 100
- S/N ratio: 112 dB or better (A weighted)
- Rated input: 0.87 V

MAIN FEATURES

- Digital readout/bar graph power meters showing true output levels
- Meter OFF switch/watt display range selector
- Gain selector
- Hold time selector
- Mode selector
- Input selector
- Balanced inputs
- Maximum dimensions: 465 (W) x 238 (H) x 545 (D) mm (18-5/16" x 9-3/8" x 21-7/16")
- Mass: 45.1 kg

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



Pure class A power amplifier with power MOS-FETs delivers 45 watts per channel — Completing the A series lineup, the A-45 is ideal for user who need not quite the high power levels of the A-60 but want more power than the A-30 provides. The A-45 of course also demonstrates the same unwavering dedication to sound quality and outstanding design policy which are the hallmark of Accuphase. This pure class A stereo power amplifier with its distinctive external heat sinks is built for true enjoyment of music. Instrumentation amplifier configuration allows fully balanced signal transmission. Further improved MCS+ topology and current feedback result in outstanding S/N and THD ratings and ensure excellent sound quality. 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 an even 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) / Bridged operation: continuous output 180 W (8 ohms), 360 W (4 ohms), 720 W (2 ohms)
- Frequency response: 0.5 - 160 kHz +0, -3.0 dB
- IM distortion: 0.01%
- Damping factor: 200
- 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 buttons
- Meter On/Off button
- Meter sensitivity selector button
- Mode switch
- Balanced inputs
- Maximum dimensions: 465 (W) x 211 (H) x 464 (D) mm (18-5/16" x 8-5/16" x 18-1/4")
- Mass: 30.9 kg

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



Pursuing the ultimate in sound — This pure class A amplifier is designed to bring out the best from any music source. Power MOS-FET devices renowned for reliability and sonic excellence are arranged in a triple parallel push-pull configuration in each channel. Amplification stages employ the instrumentation amp principle which allows fully balanced signal transmission. Further refined MCS+ topology and current feedback design result in even better S/N ratio, distortion, and other electrical characteristics. Robust power supply with large transformer sustains 150 watts per channel into ultra-low impedance 1-ohm loads (with music signals). Bridged mode allows upgrading to a true monophonic amplifier with ample power reserves. 4-step gain control allows output matching to high-efficiency speakers, with significantly reduced residual noise.

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) / Bridged operation: continuous output 120 W (8 ohms), 240 W (4 ohms), 300 W (2 ohms)
- Frequency response: 0.5 - 160 kHz +0, -3.0 dB
- IM distortion: 0.01%
- Damping factor: 150
- S/N ratio: 111 dB or better (A weighted)
- Input sensitivity: 0.62 V

MAIN FEATURES

- Logarithmic compression type analog power meters
- Gain selector
- Input selector buttons
- Meter On/Off button
- Meter sensitivity selector button
- Mode switch
- Balanced inputs
- Maximum dimensions: 465 (W) x 170 (H) x 425 (D) mm (18-5/16" x 6-11/16" x 16-3/4")
- Mass: 21.5 kg

C-27 STEREO PHONO AMPLIFIER



The analog phono record is experiencing a quiet boom among discerning music lovers. It goes without saying that besides the proper selection and setup of components such as tonearm and cartridge, a phono equalizer of outstanding quality is essential to extract the enormous richness of sonic information engraved on vinyl records. The C-27 is the ideal choice here. Using only carefully selected quality materials and highly sophisticated circuit topology, it features two separate amplifier sections optimized for MM and MC, to extract no-compromise performance from each cartridge type. The crucial initial stage which determines S/N ratio is designed with purpose-selected components to achieve lowest noise, while also providing ideal performance in other aspects such as THD, high-frequency response, and linearity. Designed as the ultimate phono equalizer amplifier, the C-27 brings out the characteristics and musical qualities of any phono cartridge to optimum effect, providing pure music enjoyment from those legendary analog discs.

GUARANTEED SPECIFICATIONS (with GAIN at Normal setting)

●THD: 0.005% or less (1 kHz, at rated output) ●RIAA deviation: 10 Hz - 100 kHz MM ± 0.5 dB, MC ± 0.3 dB ●Input sensitivity: MM 63.2 mV, MC 2 mV ●Maximum input voltage: MM 300 mV, MC 9 mV ●Input impedance: MM 1k Ω , 47 k Ω , 100 k Ω , switchable; MC 3 Ω , 10 Ω , 30 Ω , 100 Ω , 300 Ω , 1 k Ω , switchable ●Gain: Normal setting MM 30 dB, MC 60 dB; High setting MM 40 dB, MC 70 dB ●Subsonic filter: -12 dB/octave, 10 Hz ●Rated output: 2 V, 50 Ω ●S/N ratio: MM 110 dB, MC 98 dB

MAIN FEATURES

●Input selector ●MM/MC selector ●Load impedance selector ●Gain selector ●Subsonic filter ●Three sets of player inputs/GND terminals ●Balanced outputs ●Balance output polarity selector ●Maximum dimensions: 465 (W) x 121 (H) x 405 (D) mm (18-5/16" x 4-3/4" x 15-15/16") ●Mass: 14.5 kg

C-2810 PRECISION STEREO PREAMPLIFIER



◆ Dedicated option unit for C-2810:
Phono Equalizer Unit AD-2810
(Can also be used in C-2800, C-2410, C-2400, C-290, C-290V)

Meet the new flagship preamplifier — Revolutionary AAVA volume control does away with the need for variable resistors. Strictly selected high-performance parts and quality construction come together in this luxurious product. AAVA employs pure analog processing and is not affected by changes in impedance because the music signal does not have to pass through variable resistors. This means that high signal-to-noise ratio and low distortion of the signal are maintained at any volume control setting. Printed circuit boards for main signal circuitry are made from Teflon featuring low dielectric constant and low loss. Modular construction with 20 unit amplifiers for input buffer stage, AAVA, balanced output stage etc. arranged on a motherboard separately for left and right. This eliminates electrical interference as well as unwanted physical interaction through vibrations and other factors. Phono Equalizer Unit allows high-grade playback of analog records.

GUARANTEED SPECIFICATIONS (with AD-2810 installed)

●THD: 0.005% or less (20 - 20,000 Hz) ●Frequency response: 3 Hz - 200 kHz +0, -3.0 dB ●Rated input: DISC (MC) 0.2 mV/0.1 mV, DISC (MM) 8 mV/4 mV, CD/LINE 252 mV ●Rated output: 2.0 V ●S/N ratio: CD/LINE 111 dB, DISC (MM) 95 dB/89 dB, DISC (MC) 80 dB/75 dB

MAIN FEATURES

●With AD-2810 installed: equalizer gain selector, MC input impedance selector ●Output phase selector ●Attenuator ●Loudness compensator ●Recorder/copy selector ●Gain selector ●Balance control ●Balanced inputs and outputs ●Headphone jack ●EXT. PRE connector ●Supplied remote commander ●Maximum dimensions: 477 (W) x 156 (H) x 412 (D) mm (18-3/4" x 6-1/8" x 16-1/4") ●Mass: 21.6 kg (with AD-2810 installed: 22.5 kg)

C-2410 PRECISION STEREO CONTROL CENTER



◆ Dedicated option unit for C-2410:
Phono Equalizer Unit AD-2810
(Can also be used in C-2810, C-2800, C-2400, C-290, C-290V)

The C-2410 is a high-end control center that uses advanced technology and only the finest parts to bring out the true essence of the music. Inheriting superb design know-how from the C-2810, it features a further improved AAVA (Accuphase Analog Vari-gain Amplifier) volume control. AAVA is a revolutionary concept that completely eliminates variable resistors from the signal path. This has a number of distinct advantages and results in high performance and sound quality far exceeding conventional designs. The C-2410 is an analog preamplifier with an array of useful features including tone controls, EXT PRE connectors, and independent phase selection for each input position. An optional phono equalizer unit enables playback of analog records with ultimate sound quality. Elegant side panels with persimmons wood finish further enhance the exquisite appearance of the product.

GUARANTEED SPECIFICATIONS (with AD-2810 installed)

●THD: 0.005% or less (20 - 20,000 Hz) ●Frequency response: 3 Hz - 200 kHz +0, -3.0 dB ●Rated input: DISC (MC) 0.2 mV/0.1 mV, DISC (MM) 8 mV/4 mV, CD/LINE 252 mV ●Rated output: 2.0 V ●S/N ratio: CD/LINE 109 dB, DISC (MM) 95 dB/89 dB, DISC (MC) 80 dB/75 dB

MAIN FEATURES

●With AD-2810 installed: equalizer gain selector, MC input impedance selector ●Phase selector ●Gain selector ●Loudness compensator ●Recorder selector ●Tone controls ●Balanced inputs and outputs ●Headphone jack ●EXT. PRE connector ●Supplied remote commander ●Maximum dimensions: 465 (W) x 150 (H) x 409 (D) mm (18-5/16" x 5-7/8" x 16-1/8") ●Mass: 18.9 kg (with AD-2810 installed: 19.8 kg)

C-2110 STEREO CONTROL CENTER



◆ Number of option board slots: 2
◆ Compatible option boards:
DAC-20, AD-20, LINE-10

The C-2110 is a straightforward "basic" preamplifier that continues the excellent design policy of models such as C-2810 and C-2410. Specifications and configuration are similar, but the AAVA volume control has been further refined. AAVA is a new kind of volume control that has revolutionized the concept of the analog preamplifier by integrating the amplification and volume control tasks and eliminating all variable resistors (and thereby all mechanical contact points) from the signal path. The result is a drastic improvement in performance and sound quality. AAVA circuitry and other parts are configured as channel-separate modules on a motherboard, and the power supply section also maintains the dual mono approach. This reliably prevents unwanted crosstalk and interaction both on the electrical and the physical plane. The C-2110 also features tone adjustment controls, support for recorder/copy connections, EXT PRE capability, and a PHASE button that lets the user specify the phase setting for each input position separately. Option board slots provide even more versatility for handling digital input signals or analog record playback.

GUARANTEED SPECIFICATIONS (with AD-20 installed)

●THD: 0.005% or less (20 - 20,000 Hz) ●Frequency response: 3 Hz - 200 kHz +0, -3.0 dB ●Rated input: DISC (MC) 0.2 mV, DISC (MM) 4 mV, CD/LINE 252 mV ●Rated output: 2.0 V ●S/N ratio: CD/LINE 109 dB, DISC (MM) 82 dB, DISC (MC) 66 dB

MAIN FEATURES

●With AD-20 installed: equalizer gain selector ●Phase selector ●Tone controls ●Loudness compensator ●Recorder selector ●Balanced inputs and outputs ●EXT. PRE connectors ●Headphone jack ●Supplied remote commander ●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

DP-800 PRECISION SUPER AUDIO CD TRANSPORT



* Supplied accessories: HS-Link Cable HDL-15

Dedicated digital-only SA-CD/CD transport — Next-generation ultra-massive SA-CD/CD drive developed in-house by Accuphase. Highly rigid, high-precision construction with low center of gravity absorbs all vibrations. Finely machined and utterly smooth disc loading mechanism with exquisite tray. Single-lens/twin laser diode high-speed access mechanism extracts a highly pure digital signal from any disc. High-performance digital interface HS-Link (with RJ-45 connector) for both SA-CD and CD output. Elegant design with clean appearance brings features and performance together in a massive persimmons wood cabinet.

GUARANTEED SPECIFICATIONS

●Compatible disc formats: 2-channel SA-CD and CD ●Digital output: HS-Link (SA-CD/CD), COAXIAL (CD only)

MAIN FEATURES

●SA-CD/CD selector button ●Play button ●Pause button ●Track search buttons ●Stop button ●MODE button ●Supplied remote commander allows direct play, program 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: 26.6 kg

DC-801 PRECISION MDS D DIGITAL PROCESSOR



Digital processor designed for ultimate SA-CD/CD reproduction quality — Advanced circuit design and sophisticated digital technology are in evidence throughout. Innovative digital signal processing technology MDS D (Multiple Double Speed DSD). Moving-average filter circuit configured with delay and eight parallel converters achieves straight D/A conversion of DSD signal. MDS D employs eight MDS++ type D/A converters operating in parallel to reduce conversion errors to an absolute minimum while at the same time acting as a high-cut filter that removes noise in the high-frequency range. The Direct Balanced Filter is configured with entirely separate balanced and unbalanced signal paths, and "Ultra Jitter-Free + " PLL circuit extracts the master clock for the D/A converter with absolute precision. The overall result is music reproduction that finally brings out the full sonic potential of the SA-CD format.

GUARANTEED SPECIFICATIONS

●Digital inputs: HS-Link, BALANCED, COAXIAL, OPTICAL ●Sampling frequencies 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz [HS-Link only: 176.4 kHz, 192 kHz, 2.8224 MHz] ●Frequency response 0.5 - 50,000 Hz +0, -3.0 dB ●THD 0.0006% (20 to 20,000 Hz) ●S/N ratio 117 dB ●Dynamic range 117 dB ●Channel separation 113 dB ●Rated output 2.5 V (balanced, unbalanced)

MAIN FEATURES

●Input selector ●Output level control ●EXT DSP button ●Digital inputs: HS-Link, BALANCED, COAXIAL (3 inputs), COAXIAL (2 inputs) ●Digital outputs: COAXIAL, OPTICAL ●EXTERNAL DSP input/output ●Balanced outputs ●Remote commander RC-100 (supplied with DP-800) allows input switching, output level adjustment, etc. ●Maximum dimensions: 477 (W) x 156 (H) x 393 (D) mm (18-3/4" x 6-1/8" x 15-1/2") ●Mass: 22.3 kg

DP-700/DP-600

MDS D SUPER AUDIO CD PLAYER



DP-700



DP-600

These high-performance integrated SA-CD/CD players inherit advanced know-how from the top-of-the-line separate-type SA-CD/CD player combo DP-800/DC-801. Major transport section features are a high-rigidity, high-precision SA-CD/CD drive, vibration absorbing rigid and precise construction with low center of gravity, plus an exquisite disc tray and ultra-smooth loading mechanism. This assures absolutely accurate readout of the digital signal recorded on the disc. The processor section features the innovative Accuphase exclusive MDS D (Multiple Double Speed DSD) circuitry which uses delay circuits and multiple D/A converters (eight in the DP-700 and six in the DP-600) driven in parallel to form a moving average filter for straight D/A conversion of the DSD signal. The converters are MDS++ type units that reduce conversion errors to an absolute minimum while at the same acting as a high-cut filter that removes noise in the high-frequency range. The DP-700 is enclosed in a solid wood cabinet with persimmons finish, while the DP-600 has elegant side panels with persimmons grain texture. Both models offer a great blend of features, performance, and sophisticated design.

GUARANTEED SPECIFICATIONS / MAIN FEATURES

	DP-700	DP-600
Compatible disc formats	2-channel SA-CD and CD	
Sampling frequencies	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, [HS-Link only] 176.4 kHz, 192 kHz, 2.8224 MHz	
Frequency response	0.5 - 50,000 Hz +0, -3.0 dB	0.7 - 50,000 Hz +0, -3.0 dB
THD	0.0008% (20 to 20,000 Hz)	
S/N ratio	114 dB or better	
Dynamic range	110 dB or better	
Channel separation	108 dB or better	
Rated output	2.5 V (balanced, unbalanced)	
Maximum dimensions	477 x 156 x 394 mm	465 x 150 x 393 mm
Width x Height x Depth	18-3/4" x 6-1/8" x 15-1/2"	18-5/16" x 5-7/8" x 15-1/2"
Mass	27.0 kg	18.5 kg

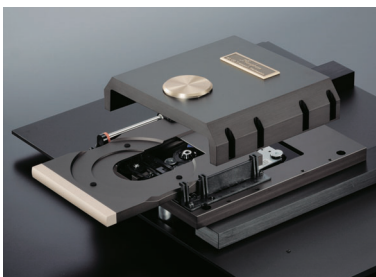
MAIN FEATURES

●SA-CD/CD selector button ●Input selector button ●Play button ●Pause button ●Track search buttons ●Stop button ●Digital inputs (HS-Link/COAXIAL/OPTICAL) ●Transport outputs (HS-Link/COAXIAL/OPTICAL) ●Supplied remote commander allows input switching, output level adjustment, direct play, program play, repeat play, etc.

SA-CD/CD Drive Developed by Accuphase

Features and Functions

- Highly rigid and precise construction with mechanism supported by sturdy, heavyweight frame and chassis to absorb external vibrations
- "Traverse Mechanism" with floating design
- Massive bridge cover
- 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



Drive used in DP-800 and DP-700



Drive used in DP-600

DP-500/DP-400

COMPACT DISC PLAYER



DP-500



DP-400

These dedicated CD players are devoted to the ultimate in sound quality. The Accuphase-developed high-rigidity, high-precision drive optimized for CD reproduction, plus a quiet and smooth disc loading mechanism ensure signal readout of the highest order. The processor section features an MDS++ type D/A converter with multiple parallel DACs (four in the DP-500 and two in the DP-400). The analog filter is a Direct Balanced Filter type with separate circuitry for the balanced and unbalanced signal paths. The transport section and digital processor are completely independent, and one set of coaxial and optical connectors are provided for digital input and transport output. Quality construction and highly advanced digital technology assure breathtaking CD reproduction that will make the listener rediscover the joys of music.

GUARANTEED SPECIFICATIONS / MAIN FEATURES

	DP-500	DP-400
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	
Rated output	2.5 V (balanced, unbalanced)	
Maximum dimensions Width x Height x Depth	465 x 150 x 393 mm 18-5/16" x 5-7/8" x 15-1/2"	
Mass	16.6 kg	13.6 kg

MAIN FEATURES

●DP-500: Play button, Pause button ●DP-400: Play/Pause button ●Track search buttons ●Stop button ●CD/PROC selector button ●Supplied remote commander allows input selection, direct play, program play, repeat play, digital level control, etc. ●Digital inputs ●Transport outputs

E-550

CLASS-A 30 W/ch
INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards:
DAC-20, AD-20, LINE-10

The first integrated pure class A amplifier from Accuphase, the E-530, drew a lot of attention and praise. The E-550 now takes over as a further improved and fully redesigned successor model. It stands at the pinnacle of integrated amplifiers, featuring latest technology and strictly selected high-quality parts. For the first time in an integrated amplifier, it offers the revolutionary AAVA type volume control. Circuit design and parts integration have been enhanced to provide the same outstanding AAVA performance even at higher component density. The power amplifier section employs power MOS-FET devices renowned for their musicality, arranged in a triple parallel push-pull configuration and driven in pure class A. Low output impedance and constant voltage drive ensure superb speaker control. The large 430 VA toroidal transformer in the power supply supports linear progression output of 120 watts into 2 ohms, 60 watts into 4 ohms, or 30 watts into 8 ohms.

GUARANTEED SPECIFICATIONS (with AD-20 installed)

●Continuous average output power: 120 W/ch (2 ohms), 60 W/ch (4 ohms), 30 W/ch (8 ohms)
●Frequency response (1 W output): 2 Hz - 150 kHz +0 -3.0 dB ●Damping factor: 140 (EIA 50 Hz) ●Input sensitivity: 0.05 mV (DISC MC), 0.98 mV (DISC MM), 77.7 mV (HIGH LEVEL), 0.62 V (POWER IN) ●S/N ratio: 120 dB (POWER IN), 98 dB (HIGH LEVEL)

MAIN FEATURES

●Recorder switch ●Copy switch ●Tone controls ●Loudness compensator ●Speaker selector ●Meter operation/illumination switch ●EXT PRE switch ●Balanced inputs ●Two sets of speaker outputs ●Supplied remote commander ●Maximum dimensions: 465 (W) x 196 (H) x 427 (D) mm (18-5/16" x 7-11/16" x 16-13/16") ●Mass: 23.9 kg

E-450

180 W/ch
INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards:
DAC-20, AD-20, LINE-10

The E-450 opens up a new chapter in integrated amplifier design. Advanced technology from high-end separate-type amplifiers is applied throughout, with top-quality parts and sophisticated circuit topology. Eliminating all variable resistors, the preamplifier section takes the radical AAVA volume control principle from the E-550 one step further. AAVA-II implements highly sophisticated surface mount technology to increase component density and achieve a higher level of integration. The power amplifier section is built as an advanced instrumentation amplifier, which enables fully balanced signal transmission throughout. Together with further improved MCS+ circuit topology and the highly acclaimed current feedback principle, this makes for even better electrical characteristics. In the output stage, high-power transistors designed for audio applications are arranged in a parallel push-pull configuration. Option boards can be used for example to handle digital CD signals or implement high-quality analog record reproduction.

GUARANTEED SPECIFICATIONS (with AD-20 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: 120 (EIA 50 Hz) ●Input sensitivity: 0.15 mV (DISC MC), 3.0 mV (DISC MM), 190 mV (HIGH LEVEL), 1.51 V (MAIN) ●S/N ratio: 123 dB (MAIN), 110 dB (HIGH LEVEL)

MAIN FEATURES

●Recorder switch ●Copy switch ●Tone controls ●Loudness compensator ●Meter operation switch ●EXT PRE selector ●Speaker selector ●Balanced inputs ●Two sets of speaker outputs ●Supplied remote commander ●Maximum dimensions: 465 (W) x 181 (H) x 427 (D) mm (18-5/16" x 7-1/8" x 16-13/16") ●Mass: 24.4 kg

E-350

100 W/ch
INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards:
DAC-20, AD-20, LINE-10

The E-300 series plays a central role in the Accuphase integrated amplifier lineup and has a strong following among discerning music lovers. The E-350 benefits from the advanced design technology of the E-550 and features a further refined version of the revolutionary AAVA circuit which eliminates variable resistors from the signal path. As in the model E-450, AAVA-II in the E-350 employs advanced surface mount technology for higher circuit integration. The power amplifier section is configured as an advanced instrumentation amplifier. This enables fully balanced signal transmission and makes for even better electrical characteristics in conjunction with the current feedback principle. The output stage uses high-power transistors arranged in a parallel push-pull configuration to deliver an output signal of impeccable quality. The preamplifier section offers tone controls and a full complement of other features, along with the capability to use option boards for digital signal input or reproduction of analog records.

GUARANTEED SPECIFICATIONS (with AD-20 installed)

●Continuous average output power: 100 W/ch (8 ohms, both channels driven, 20 - 20,000 Hz, THD 0.03%)
●Frequency response (1 W output): 3 Hz - 150 kHz +0 -3.0 dB ●Damping factor: 120 (EIA 50 Hz) ●Input sensitivity: 0.11 mV (DISC MC), 2.2 mV (DISC MM), 142 mV (HIGH LEVEL), 1.13 V (MAIN) ●S/N ratio: 121 dB (MAIN), 106 dB (HIGH LEVEL)

MAIN FEATURES

●Recorder switch ●Copy switch ●Tone controls ●Loudness compensator ●Meter operation switch ●EXT PRE selector ●Speaker selector ●Balanced inputs ●Two sets of speaker outputs ●Supplied remote commander ●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

* The AAVA (volume control) system is patented Accuphase technology.

E-250 90 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 1
- ◆ Compatible option boards:
DAC-20, AD-20, LINE-10

The E-250 features the same AAVA-II volume control as the E-450 and E-350 models. This revolutionary system completely eliminates all variable resistors from the signal path. Building on renowned technology and using only strictly selected top-grade parts and materials, the E-250 is an integrated amplifier dedicated to the optimum reproduction of music. The power amplifier section is configured as an advanced instrumentation amplifier, which enables fully balanced signal transmission throughout. In conjunction with the current feedback principle which ensures excellent high-range phase fidelity, this makes for even better electrical characteristics. The output stage uses high-power transistors arranged in a parallel push-pull configuration. The large power transformer with a maximum rating of 400 VA and large filtering capacitors (22,000 µF x 2) allow the amplifier to deliver plenty of quality power. Handling of digital input signals or high-grade analog disc reproduction can be implemented via an option board slot.

GUARANTEED SPECIFICATIONS (with AD-20 installed)

- Continuous average output power: 90 W/ch (8 ohms, both channels driven, 20 - 20,000 Hz, THD 0.04%)
- Frequency response (1 W output): 3 Hz - 150 kHz +0 -3.0 dB
- Damping factor: 100 (EIA 50 Hz)
- Input sensitivity: 0.11 mV (DISC MC), 2.13 mV (DISC MM), 134 mV (HIGH LEVEL), 1.07 V (MAIN)
- S/N ratio: 120 dB (MAIN), 105 dB (HIGH LEVEL)

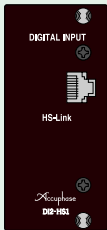
MAIN FEATURES

- Recorder switch
- Tone controls
- Loudness compensator
- EXT PRE selector
- Speaker selector
- Balanced inputs
- Supplied remote commander
- Maximum dimensions: 465 (W) x 150 (H) x 420 (D) mm (18-5/16" x 5-7/8" x 16-9/16")
- Mass: 19.9 kg

OPTION

- * Can be installed in option board slots of compatible models.
- * Sampling frequency rating indicates highest supported frequency.
- * For details regarding installation and operation, please refer to the instruction manual for the respective component.
- * Option boards shown are just for illustration. The coloring and shape of actual products will differ.

Option Boards for Digital Components

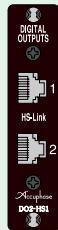


HS-Link Input Board DI2-HS1

Input board for signal transfer using HS-Link format

- Requires HS-Link cable
- Sampling frequency: 2.8224 MHz/1 bit, 192 kHz/24 bit
- Compatible models: DC-101, DC-330, DF-35, DP-85, DP-78, DP-77, DP-75V

Uses 2 slots



HS-Link Output Board DO2-HS1

Output board for signal transfer using HS-Link format

- Requires HS-Link cable
- Sampling frequency: 2.8224 MHz/1 bit, 192 kHz/24 bit
- Compatible models: OUTPUTS slot of DC-330, for connection to DF-35/DF-45, DP-85, DP-78, DP-77

Uses 1 slot



Digital Input/Output Board DIO-OC1

For input and output of digital signals

- Provides two sets of inputs and outputs (for coaxial and optical fiber cable)
- Sampling frequency: 96 kHz/24 bit
- Compatible models: DC-101, DC-330, DC-300, DP-85, DP-78, DP-77, DP-75V, DP-65V, DF-35, DG-38, DG-28

Uses 1 slot



Line Input Board AI2-U1

Provide line inputs for analog signal from CD player, tuner or other analog equipment

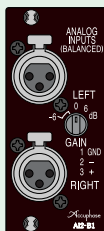
- Sampling frequency: 48/96 kHz switchable
- Compatible models: DC-330, DF-35, DG-38, DC-300 and DG-28 (switched to 48 kHz)

Uses 1 slot

- For unbalanced connections

Balanced Input Board AI2-B1

- For balanced connections

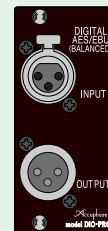


Line Input/Output Board AIO-U1

For output of analog signals to tape recorder, MD, DAT, or CD-R recorder etc.

- For unbalanced connections
- Sampling frequency: 48 kHz
- Compatible models: DC-330, DC-300

Uses 1 slot

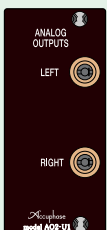


AES/EBU Input/Output Board DIO-PRO1

For input and output of digital signals

- Provides XLR input and output connectors compliant with AES/EBU professional digital standard
- Sampling frequency: Input 96 kHz/24 bit, Output 48 kHz/24 bit
- Compatible models: DC-101, DC-330, DC-300, DP-85, DP-78, DP-77, DP-75V, DP-65V, DF-35, DG-38, DG-28

Uses 2 slots



Line Output Board AO2-U1

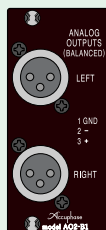
Provide line outputs for supplying an analog signal to a recorder such as MD, DAT, or CD-R

- Compatible models & Sampling frequency: (1) When installed in DC-330, DC-101, DP-85, etc.: Sampling frequencies up to 96 kHz are supported. Signals supplied via HS-Link are not output. (2) When installed in DG-38: Sampling frequencies up to 192 kHz are supported. Signals supplied via HS-Link are also available at the analog output.

Uses 2 slots

- For unbalanced connections

- For balanced connections



Phono Equalizer Unit AD-2810 For Use With C-2810/C-2410

This is a dedicated phono equalizer unit for the C-2810/C-2410 preamplifiers, to allow reproduction of analog records. The unit is installed in a special option slot on the rear panel. All functions are switched using the controls on the front panel of the C-2810 or C-2410.

- Gain MC: 62 dB, 68 dB MM: 30 dB, 36 dB
- Input impedance MC: 10 Ω, 30 Ω, 100 Ω MM: 47 kΩ
- Supported models: C-2810, C-2800, C-2410, C-2400, C-290, C-290V

Option Boards for Integrated Amplifiers and Preamplifiers

For DAC-20 and AD-9/AD-20, there are limitations regarding number of boards and functionality. Use in models other than listed below may not be possible. For details regarding use in older models, please consult your Acuphase dealer or an authorized service station.



Digital Input Board DAC-20

Input for playback of digital signals from digital components

- COAXIAL: For 75-ohm coaxial digital cable
- OPTICAL: For optical fiber cable (OPTICAL input has priority)
- Sampling frequency: 96 kHz
- Compatible models: C-2000, C-2110, C-245 (1 board), CX-260 (1 board), E-213, E-250, E-308 (1 board), E-350, E-408, E-450, E-530, E-550

Uses 1 slot



Analog Disc Input Board AD-9/AD-20

Input for playback of signals from analog record player. Incorporates high-performance, high-gain phono equalizer.

- Supports MM and MC cartridges
- Input impedance switching and subsonic filter
- Compatible models: AD-9: E-211, E-212, E-213 AD-20: C-2000, C-2110, C-245, C-265, CX-260, E-250, E-307, E-308, E-350, E-407, E-408, E-450, E-530, E-550

* The illustration shows the AD-20.



Line Input Board LINE-9/LINE-10

General high-level input for unbalanced connections

- Compatible models: LINE-9: E-211, E-212, E-213 LINE-10: C-2000, C-2110, C-245, C-265, CX-260, E-250, E-307, E-308, E-350, E-407, E-408, E-450, E-530, E-550

* The illustration shows the LINE-10.

T-1000

DDS TYPE FM STEREO TUNER



Among the great variety of formats available today, FM stereo broadcasts are still an important medium, providing a wide choice of music from all genres around the clock. The T-1000 lets you access this rich resource with the best quality possible, thanks to a combination of sophisticated RF circuit design and latest digital technology. The newly developed front end features the revolutionary DDS principle for the local oscillator. Further highlights include the adjustment-free "Advanced DGL" detector and flawless "DS-DC" stereo demodulation based on digital signal processing software. Every aspect of this tuner has been redesigned to provide amazing S/N ratio and channel separation. A digital output as well as balanced analog outputs are available. Pulse tuning allows manual operation with a high-class feel, and 32 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): 50 dB or better

MAIN FEATURES

- 32 station memory
- Manual rotary knob with pulse tuning system
- Muting button
- Stereo noise filter
- FREQ TRIM function
- Mono button
- Signal strength meter
- Digital output (sampling frequency 48 kHz)
- Balanced analog outputs
- Supplied remote commander
- Maximum dimensions: 465 (W) x 140 (H) x 402 (D) mm (18-5/16" x 5-1/2" x 15-13/16")
- Mass: 11.8 kg

PS-510/PS-1210

CLEAN POWER SUPPLY



PS-510



PS-1210

Photos show 230 V AC versions

The PS-1210 and PS-510 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-1210 can supply up to 1200 VA and the PS-510 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-510		PS-1210	
	120 V version	230 V version	120 V version	230 V version
Rated output capacity (continuous)	510 VA		1,000 VA	1,200 VA
Rated output voltage	120 V AC ± 2.4 V	230 V AC ± 4.6 V	120 V AC ± 2.4 V	230 V AC ± 4.6 V
Rated output current	4.2 A	2.2 A	8.3 A	5.2 A
Instantaneous peak current capacity	60 A	30 A	120 A	60 A
Output frequency	50 Hz or 60 Hz (identical to input frequency)		50 Hz or 60 Hz (identical to input frequency)	
Output waveform THD	0.22% or less		0.22% or less	
Input voltage	120 V AC	230 V AC	120 V AC	230 V AC
Input frequency	50 Hz or 60 Hz		50 Hz or 60 Hz	
No-load power consumption	55 W		60 W	
AC connectors	6	4	6	
Maximum dimensions Width x Height x Depth	465 x 181 x 386 mm 18-5/16" x 7-1/8" x 15-3/16"		465 x 244 x 501 mm 18-5/16" x 9-5/8" x 19-3/4"	
Mass	23.0 kg		38.9 kg	

MAIN FEATURES

- Power switch/circuit protector
- Meter selector
- Meter switchable for monitoring output power, input/output voltage, input/output distortion

CX-260

MULTICHANNEL CONTROL CENTER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards:
DAC-20 (1 board), AD-20, LINE-10

The CX-260 reproduces 2-channel (stereo) sources with impeccable quality, but it is also fully equipped to handle 6-channel (5.1 ch) analog signals such as supplied by a DVD player or surround processor. Six entirely separate line amplifiers using current feedback technology combine complete stability with excellent sound. Six preset level controls and a high-quality 6-gang volume control are useful features. Mixdown function lets you reproduce 6-channel sources with four channels. In two-channel mode, the six line amplifiers are connected in a triple parallel MCS configuration for minimum noise. Rear-panel option board slots allow for example reproduction of analog records or direct digital input.

GUARANTEED SPECIFICATIONS (with AD-20 installed)

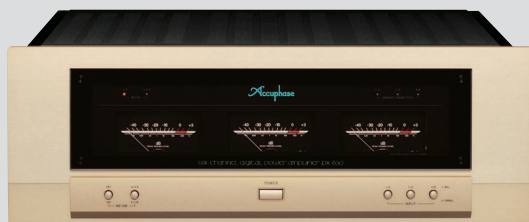
- THD: max. 0.005% (20 - 20,000 Hz)
- Frequency response: 3 Hz - 300 kHz +0, -3.0 dB
- Input sensitivity: 0.25 mV (DISC MC), 8 mV (DISC MM), 252 mV (CD, LINE)
- Rated output: 2.0 V
- S/N ratio: 105 dB (CD, LINE), 92 dB (DISC MM), 75 dB (DISC MC)

MAIN FEATURES

- 2-channel/6-channel switching
- Mixdown function
- 6 separate preset level controls
- Preset control bypass function
- EXT PRE switch for use of external preamplifier
- Tone controls
- Loudness compensator
- Tape copy switch
- Balanced inputs and outputs
- Headphone jack
- Supplied remote commander
- Maximum dimensions: 475 (W) x 150 (H) x 405 (D) mm (18-11/16" x 5-7/8" x 15-15/16")
- Mass: 17.5 kg

PX-650

6-CHANNEL DIGITAL POWER AMPLIFIER



The PX-650 represents a successful blend of digital audio technology with Accuphase's rich expertise in the field of analog power amplifiers. The result is a six-channel digital power amplifier ideally suited for high-end home theater systems. Discrete delta-sigma type digital power units deliver plenty of muscle: 150 watts x 6 into 8 ohms (normal mode) or 420 watts x 3 into 8 ohms (bridged mode). All channels provide the same excellent sound quality, driving any kind of speaker with ease and authority, and creating a spacious surround sound stage with impressive dynamics. The highly efficient digital circuitry produces little heat and makes it possible to combine compact dimensions with high output power. This is especially important in multi-channel systems for home theater applications.

GUARANTEED SPECIFICATIONS

- Continuous average output power: 150 W x 6 (8 ohms), 200 W x 6 (4 ohms) / Bridged operation: 420 W x 3 (8 ohms), 450 W x 3 (6 ohms)
- Frequency response: 2 Hz - 80 kHz +0, -3.0 dB
- IM distortion: 0.003%
- Damping factor: 150
- S/N ratio: 100 dB or better (A weighted)
- Input sensitivity: 1.38 V

MAIN FEATURES

- Logarithmic compression type analog power meters x 3
- Input selector buttons
- Meter selector for L, C, R/A, D, B
- Meter ON/OFF switch
- Mode selector (bridged operation/gain switching)
- Balanced inputs
- Maximum dimensions: 465 (W) x 180 (H) x 418 (D) mm (18-5/16" x 7-1/16" x 16-7/16")
- Mass: 25.8 kg

DG-48 DIGITAL VOICING EQUALIZER



- * Supplied accessories:
Stylus pen
Measurement microphone AM-48
Microphone cable (5 m) and holder

The DG-48 is a third-generation Digital Voicing Equalizer employing highly advanced digital processing technology developed by Accuphase. Latest high-speed DSP chips fully handle all sources including SA-CD in the digital domain. The newly added Simple Voicing function makes automatic sound field measurement and adjustment a breeze, while Custom Voicing provides the user with extensive control over every aspect. A brilliant wide-format TFT color display shows a wealth of information and allows you to directly draw a desired response curve on the screen with the supplied stylus pen. Get optimum performance from your speakers, uniquely tailored to your own listening room. A real-time spectrum analyzer shows the frequency distribution of the music signal and also supports microphone input. Thanks to a full complement of balanced and unbalanced analog inputs/outputs as well as digital inputs/outputs (HS-Link/COAXIAL/OPTICAL) provided as standard, the DG-48 is easily integrated into any system configuration.

GUARANTEED SPECIFICATIONS

●Voicing: 67 frequency bands with 1/6 octave spacing (adjustment range ± 12 dB) ●Equalizer: 80 frequency bands with 1/6 octave spacing (adjustment range ± 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: 1.75 V (GAIN 0 dB)

MAIN FEATURES

●Voicing (sound field compensation) button ●Equalizer button ●Analyzer button ●Configuration button ●Voicing/Equalizer On/Off button ●Memory button ●Zoom button ●Channel selector button ●FLAT button ●Cursor functions ●Microphone input connector ●Balanced and unbalanced analog input connectors ●Digital input/output connectors (HS-Link/COAXIAL/OPTICAL) ●Supplied remote commander ●Maximum dimensions: 465 (W) x 151 (H) x 396 (D) mm (18-5/16" x 5-15/16" x 15-9/16") ●Mass: 13.8kg

DF-35/DF-45 DIGITAL FREQUENCY DIVIDING NETWORK



DF-35

- ◆ Dedicated option unit for DF-35: Divider Unit DN-35
- ◆ Number of option board slots: 2
- ◆ Compatible option boards:
AI2-U1, AI2-B1, DI2-HS1, DIO-OC1, DIO-PRO1



DF-45

Designed to serve as core component in a multi-amped system, this revolutionary channel divider is fully digital and employs super advanced signal processing technology. The ultra high speed 32-bit DSP chip implements 59 crossover frequency points, variable-order slope characteristics, a delay function for time alignment, as well as provisions for phase and level adjustments. All of these parameters are adjusted 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.

GUARANTEED SPECIFICATIONS AND MAIN FEATURES

	DF-35	DF-45
Cutoff frequencies	59 points (see below)	
Slope characteristics	6 dB/oct, 12 dB/oct, 24 dB/oct, 48 dB/oct, 96 dB/oct	
Delay time setting range	0 - 999 cm	0 - 3000 cm
Delay compensator	—	0 - 3000 cm
Level setting range	0 to -40.0 dB (0.1 dB steps)	+12 to -40.0 dB (0.1 dB steps)
Phase	Normal/Reverse	Normal/Reverse, 4 patterns
Memory	For each channel separately, 2 types	For 4 channels together, 5 types
Character display	4 characters (user selectable)	8 characters (user selectable)
Analog input	Via option board	Balanced/unbalanced input
Analog output	Balanced/unbalanced, 1 set each	
Digital input	COAXIAL, more via option board	OPTICAL, COAXIAL, HS-Link
Sampling frequencies	OPTICAL, COAXIAL: 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz HS-Link: 176.4 kHz, 192 kHz	
Digital output	COAXIAL, for 5-way and higher configurations	
Number of units	Standard configuration: 2-way	Standard configuration: 4-way
Maximum dimensions Width x Height x Depth	475 x 171 x 405 mm 18-11/16" x 6-3/4" x 15-15/16"	465 x 151 x 396 mm 18-5/16" x 5-15/16" x 15-9/16"
Mass	18 kg	14.1 kg

Internal cutoff frequency settings of DF-35/DF-45 (Hz)

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	

AUDIO CABLES

Audio cables must keep signal losses to a minimum and should not color the sound in any way. Cables from Accuphase easily fulfill these requirements, thanks to strict selection of high-quality materials for conductors and insulators, combined with sophisticated and advanced design based on intensive research.

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

●Type: 2-conductor shielded cable ●Center conductors: [oxygen-free copper wire + silver-plated soft copper wire] x 58 ●Dielectric: polyethylene + foamed polyethylene ●Total DC loop resistance: 33 m-ohm/m ●Inter-electrode capacitance: 260 pF/m ●Insulation resistance: 40 M-ohm/km

Model No.	Cable length	Type of plug	Model No.	Cable length	Type of plug
AL-10	1.0 m x 2 cables	Phono plug	ALC-10	1.0 m x 2 cables	3-P XLR connector
AL-15	1.5 m x 2 cables	Phono plug	ALC-15	1.5 m x 2 cables	3-P XLR connector
AL-30	3.0 m x 2 cables	Phono plug	ALC-30	3.0 m x 2 cables	3-P XLR connector

SR Series <7N High-Purity Copper Twisted Wire>

●Type: 2-conductor shielded cable ●Center conductors: 7N high-purity copper wire 0.1 mm dia. x 105 ●Dielectric: foamed polyethylene ●Total DC loop resistance: 33 m-ohm/m ●Inter-electrode capacitance: 100 pF/m ●Insulation resistance: 40 M-ohm/km

Model No.	Cable length	Type of plug	Model No.	Cable length	Type of plug
SL-10G	1.0 m x 2 cables	Phono plug	SLC-10	1.0 m x 2 cables	3-P XLR connector
SL-15G	1.5 m x 2 cables	Phono plug	SLC-15	1.5 m x 2 cables	3-P XLR connector
SL-30G	3.0 m x 2 cables	Phono plug	SLC-30	3.0 m x 2 cables	3-P XLR connector

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



SL-15G with phono plugs



SLC-15 with XLR connectors

DIGITAL CABLE

- 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.
* Shielded twisted pair 8-conductor OFC cable (TIA/EIA-568A CAT.5)



HS-Link Cable HDL-15

Type	Model No.	Cable length
HS-Link Cable	HDL-15	1.5 m

* 3 m, 5 m, 7.5 m, and 10 m cable lengths are available as special-order option.

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



ACCUPHASE LABORATORY, INC.
YOKOHAMA, JAPAN