

M-8000 2,000 W/1 Ohm MONOPHONIC POWER AMPLIFIER



The ultimate in amplifier power — 22 wide-band high-power transistors arranged in a parallel push-pull configuration. Massive toroidal transformer rated for 3 kVA maximum. Rated for produce an astonishing 2,000 watts into 1 ohm, 1,000 watts into 2 ohms, 500 watts into 4 ohms and 250 watts into 8 ohms. This linear progression of output versus load impedance is termed constant voltage drive and represents the highest goal in amplifier performance. In the input stage, another Accuphase innovation called MCS (Multiple Circuit Summing) helps to minimize noise. The driver stage employs a stabilized power supply. Operation remains utterly stable even when input voltage fluctuates, and S/N ratio, THD, and all other performance aspects are drastically improved. Teflon circuit boards feature low dielectric constant and minimum loss. All major signal carrying points are gold plated to maintain optimum signal purity. Use of two M-8000 in bridged configuration is also possible, resulting in a monophonic amplifier with even higher output power (x4).

GUARANTEED SPECIFICATIONS

- Continuous average output power: 250 watts (into 8 ohms); 500 watts (into 4 ohms); 1,000 watts (into 2 ohms); 2,000 watts (into 1 ohm)
- Frequency response: 0.5 Hz - 160 kHz +0, -3 dB
- Intermodulation distortion: 0.003%
- Damping factor: 400
- S/N ratio: 125 dB or better (A weighted)
- Rated input: 1.78 V

MAIN FEATURES

- Logarithmic compression type analog power meter
- Meter ON/OFF switch
- Input selector
- Phase selector
- Balanced input
- 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-7000 1,000 W/1 Ohm STEREO POWER AMPLIFIER



Inheriting major design technology features of the M-8000, this stereo power amplifier has the capability to drive impedances as low as one ohm with 1,000 watts of ultra-clean power. The input stage employs the MCS (Multiple Circuit Summing) principle with three unit amplifiers connected in parallel. This results in minimum residual noise, outstanding S/N ratio, and negligible distortion. Most importantly, sound quality is nothing short of fabulous. Teflon circuit boards feature low dielectric constant and minimum loss, and current feedback ensures that operation remains totally stable down to extremely low frequencies. Each channel boasts 11 wide-band high-power transistors arranged in a parallel push-pull configuration, and the power supply with massive 1.5 kVA toroidal transformer provides the muscle for a linear power rating all the way to 1 ohm. Built-in bridging capability means that the P-7000 can also be used as a monophonic power amplifier capable of delivering 2,000 watts into two 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 Hz - 160 kHz +0, -3 dB
- Intermodulation distortion: 0.003%
- 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
- 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: 49.5 kg

P-5000 650 W/1 Ohm STEREO POWER AMPLIFIER



Stereo power amplifier with impressive muscle is ideal match for preamplifier C-2400. Implementing superb P-7000 technology, 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); 1300 watts (into 2 ohms)
- Frequency response: 0.5 - 160 kHz +0, -3.0 dB
- Intermodulation distortion: 0.003%
- 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-3000 400 W/1 Ohm STEREO POWER AMPLIFIER



The P-3000 employs latest technology to continue a venerable tradition. It is positioned in Accuphase's most prestigious line of separate amplifiers, the C-200/P-300 series, while being an innovative power amplifier in its own right. A new feature of the P-3000 is the fact that all signal paths from the input terminals onwards are fully balanced, an approach otherwise found only in instrumentation amplifiers of the highest quality. The output stage employs improved MCS+ (Multiple Circuit Summing) as well as the famous Accuphase current feedback topology. S/N ratio, distortion, and all other electrical characteristics are geared for optimum sound quality. The robust power supply with Super Ring toroidal transformer and large filtering capacitors, and the triple parallel push-pull output stage with high-current transistors mounted to massive heatsinks produce an amazing 400 watts per channel into 1 ohm (music signals). Bridged mode creates a monophonic amplifier with even higher reserves, capable of delivering 800 watts into 2 ohms (music signals).

GUARANTEED SPECIFICATIONS

- Continuous average output power: 75 W/ch (8 ohms), 150 W/ch (4 ohms), 300 W/ch (2 ohms), 400 W/ch (1 ohm) / bridged operation: 300 W (8 ohms), 600 W (4 ohms), 800 W (2 ohms)
- Frequency response: 0.5 Hz - 160 kHz +0 -3.0 dB
- IM distortion: 0.005%
- Damping factor: 150
- S/N ratio: 120 dB or better (A weighted)
- Input sensitivity: 0.98 V

MAIN FEATURES

- Logarithmic compression type analog power meters
- Gain selector
- Input selector
- Speaker A/B selector
- Meter On/Off button
- Mode selector
- Balanced inputs
- Maximum dimensions: 465 (W) x 180 (H) x 425 (D) mm (18-5/16" x 7-1/16" x 16-3/4")
- Mass: 24.0 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: 0.003%
- 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-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 mode: continuous output 120 W (8 ohms), 240 W (4 ohms), 300 W (2 ohms)
- Frequency response: 0.5 - 160 kHz +0, -3 dB
- IM distortion: 0.005%
- Damping factor: 150
- S/N ratio: 111 dB or better (A weighted)
- Input sensitivity: 0.57 V

MAIN FEATURES

- Logarithmic compression type analog power meters
- Gain selector
- Input selector buttons
- 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

DC-330 PRECISION DIGITAL PREAMPLIFIER



Digital preamplifier featuring ultra high speed DSP and full compatibility with new-generation digital formats such as SA-CD. HS-Link allows playback of ultimate-quality signal supplied by DP-100. Featuring tone controls and an innovative digital volume control, this product looks and feels like a high-class analog component. Internally, latest digital technology is harnessed to achieve ultra fast digital signal processing. The newly developed MDS (Multiple Delta Sigma) converter principle is realized in a 24-bit DAC that provides unheard-of accuracy and pushes the absolute limits regarding distortion, S/N ratio, and other performance characteristics. All analog and digital inputs and outputs are implemented as option boards, and digital connection of DG-38 and DF-35 is also possible.

GUARANTEED SPECIFICATIONS

- Input format: EIA standard
- Frequency response: 0.5 - 50,000 Hz +0 -3 dB
- THD: 0.0006% (20 - 20,000 Hz)
- S/N ratio: 120 dB
- Dynamic range: 112 dB
- Channel separation: 108 dB
- Rated output: 5 V (balanced, unbalanced)

MAIN FEATURES

- Tone controls
- Output on/off
- Attenuator
- Loudness compensator
- Output phase selector
- Input name edit function
- Balanced outputs
- AI2-U1 and DIO-OC1 installed as standard
- Versatile array of digital and analog input and output boards
- Supplied remote commander
- Maximum dimensions: 475 (W) x 150 (H) x 412 (D) mm (18-11/16" x 5-7/8" x 16-1/4")
- Mass: 20.2 kg

Standard Equipment: ● Line Input Board AI2-U1
● Digital Input/Output Board DIO-OC1

◆ Number of option board slots: 10

◆ Compatible option boards (digital):

DIO-OC1, DIO-ST1, DIO-PRO1, DI2-HS1, DI02-DG1

◆ Compatible option boards (analog):

AI-AD1, AI2-U1, AI2-B1, AIO-U1, AO2-U1, AO2-B1

C-2800 PRECISION STEREO PREAMPLIFIER



Dedicated option unit for C-2800:

- Phono Equalizer Unit **AD-2800**
(Can also be used in C-2400, C-290, C-290V)

The history of the analog preamplifier is about to be rewritten — Revolutionary AAVA (Accuphase Analog Vari-gain Amplifier) concept eliminates all mechanical contact points by fully unifying amplification and volume control in the analog domain. Printed circuit boards are made from Teflon with low dielectric constant and low loss. Total of 18 unit amplifiers including line input, balanced output, and AAVA are arranged on a high-quality motherboard, separately for the two channels and mounted on sturdy hardened aluminum chassis. This totally eliminates any possibility of unwanted electrical interaction and reliably guards against mechanical vibrations. Newly developed R-toroidal transformers, fully monaural construction, and many other features demonstrate the total dedication to quality. Optional phono equalizer unit allows reproduction of analog records.

GUARANTEED SPECIFICATIONS (with AD-2800 installed)

• THD: 0.005% or less (20 - 20,000 Hz) • Frequency response: 3 Hz - 200 kHz +0, -3 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-2800 installed: equalizer gain selector, MC input impedance selector • Output phase selector • Attenuator • Loudness compensator • Recorder/copy 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 15-1/4") • Mass: 21.2 kg (with AD-2800 installed: 22.1 kg)

C-2400 PRECISION STEREO PREAMPLIFIER



Dedicated option unit for C-2400:

- Phono Equalizer Unit **AD-2800**
(Can also be used in C-2800, C-290, C-290V)

Based on the superb design technology of the C-2800, this stereo preamplifier also features the AAVA (Accuphase Analog Vari-gain Amplifier) concept. This innovative principle has the power to change the way we think of an analog preamplifier. Because there is no variable resistor in the signal path, the music signal is not affected by changes in impedance. S/N ratio remains high and distortion remains low, regardless of the volume setting that has been chosen. Sound quality is excellent throughout, and long-term reliability also has been drastically improved, because only top-quality semiconductor devices are used. The C-2400 boasts a full array of features such as tone controls, recorder connection facilities, EXT PRE capability, and more. The optional phono equalizer unit allows reproduction of analog records.

GUARANTEED SPECIFICATIONS (with AD-2800 installed)

• THD: 0.005% or less (20 - 20,000 Hz) • Frequency response: 3 Hz - 200 kHz +0, -3 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-2800 installed: equalizer gain selector, MC input impedance selector • Phase 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 403 (D) mm (18-5/16" x 5-7/8" x 15-7/8") • Mass: 17.6 kg

C-2000 STEREO CONTROL CENTER



◆ Number of option board slots: 2

◆ Compatible option boards:

DAC-10, DAC-20,
AD-10, AD-20, LINE-10

Accuphase's legendary C-200/P-300 series which marked our debut in the audio world is about to be reborn...in an innovative and forward-looking fashion. The C-2000 continues the 200 series tradition, yet it is a thoroughly modern preamplifier featuring the advanced design technology of the Accuphase C-2800 and C-2400. As in these models, the volume control is an AAVA design (Accuphase Analog Vari-gain Amplifier). This radically new concept eliminates conventional variable resistors and is constructed only of highly reliable semiconductor components. Because there is no variable resistor in the signal path, the music signal is not affected by changes in impedance. Frequency response remains uniform throughout, S/N ratio is excellent, and distortion is minimal. The list of features includes tone controls, recorder playback and copy facilities, and EXT PRE connection. Option boards can be used to implement digital input and reproduction of analog records.

GUARANTEED SPECIFICATIONS (with AD-10 installed)

• THD: 0.005% or less (20 - 20,000 Hz) • Frequency response: 3 Hz - 200 kHz +0, -3 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 108 dB, DISC (MM) 82 dB, DISC (MC) 66 dB

MAIN FEATURES

• Phase selector • Tone controls • Loudness compensator • Recorder/copy switch • Balanced inputs and outputs • EXT. PRE connector • 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: 16.2 kg

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

DP-78 SA-CD/CD PLAYER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards:
DIO-OC1, DIO-ST1, DIO-PRO1,
DIO-HS1, DO2-HS1

The DP-78 is an integrated SA-CD/CD player of the highest order. While incorporating latest digital technology, it stands in the same tradition as the highly renowned Accuphase separate type player DP-100/DC-101. The transport section features a dedicated digital servo DSP and single lens/twin pickup high-speed access mechanism. The processor section supports high-quality formats such as 2.8224 MHz/1 bit and 192 kHz/24 bit. A high-performance MDS++ type D/A converter uses six delta sigma converters in parallel. Sophisticated SA-CD playback capability benefits conventional CDs as well, for impeccable music reproduction. Separate construction of transport and processor sections allows independent use with two sets of coaxial and optical connectors. HS-Link connectivity which permits digital transmission of the SA-CD signal can be implemented via option board.

GUARANTEED SPECIFICATIONS

- Compatible disc formats: 2-channel Super Audio CD and CD
- Sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz [implemented by HS-Link option board: 176.4 kHz, 192 kHz, 2.8224 MHz]
- Frequency response: 0.5 - 50,000 Hz +0, -3 dB
- THD: 0.0008% (20 - 20,000 Hz)
- S/N ratio: 114 dB
- Dynamic range: 110 dB
- Channel separation: 108 dB
- Rated output voltage: 2.5 V (balanced, unbalanced)

MAIN FEATURES

- Play key
- Pause key
- Stop key
- Track search
- SA-CD/CD switching
- Input selector
- Transport outputs: COAXIAL/OPTICAL
- Digital inputs: COAXIAL/OPTICAL
- Balanced output
- Supplied remote commander allows external input selection, output level adjustment, direct play, program, repeat, shuffle play etc.
- Maximum dimensions: 465 (W) x 150 (H) x 397 (D) mm (18-5/16" x 5-7/8" x 15-5/8")
- Mass: 18.4 kg

DP-67 CD PLAYER



This integrated CD player was created with the aim of extracting the ultimate in sound quality from conventional CD recordings. The processor section features a 24-bit MDS++ D/A converter which takes the MDS (Multiple Delta Sigma) principle pioneered by Accuphase to new heights. It boasts minimal distortion, excellent S/N ratio, superb linearity at low signal levels, and outstanding performance in all other aspects. Because the DP-67 allows access to this converter via external inputs, its sound quality and performance can be utilized also by external digital components. A set of EXT DSP connectors are convenient when wishing to use the Digital Voicing Equalizer DG-28/DG-38 for sound field compensation in the digital domain. The fully digital control of the CD mechanism allows optimization of servo parameters in real time for each disc, for high-quality playback. Balanced analog outputs prevent noise interference.

GUARANTEED SPECIFICATIONS

- Integrated CD transport and digital processor
- CD standard format: EIA format
- Frequency response: 4.0 - 20,000 Hz \pm 0.3 dB
- THD: 0.001% (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)

MAIN FEATURES

- Play/Pause button
- Track search buttons
- Stop button
- EXT DSP selector
- External input selector
- Supplied remote commander for external input switching, direct play, program play, repeat play, digital level control etc.
- Digital inputs and outputs
- Maximum dimensions: 475 (W) x 150 (H) x 396 (D) mm (18-11/16" x 5-7/8" x 15-9/16")
- Mass: 16.5 kg

DP-57 CD PLAYER



This dedicated CD player was built to fulfill a single mission: reproducing Compact Disc sources with optimum quality. It combines superb detail resolution with outstanding dynamics, taking the listener straight to the heart of the music. The processor section further improves on the MDS (Multiple Delta Sigma) principle pioneered by Accuphase. This so-called MDS++ D/A converter is a 24-bit system with top-level precision. It boasts excellent characteristics, including minimal distortion, extremely low noise, and superb linearity. The result is a rich musical tapestry such as hardly ever experienced before. The outstanding sound quality and high performance of the processor section can be accessed also by external digital components via coaxial and optical inputs. The transport section features digital control, which allows optimizing the servo circuit parameters for each disc. Balanced analog outputs are another plus for enhancing the purity of music reproduction and keeping noise interference to an absolute minimum.

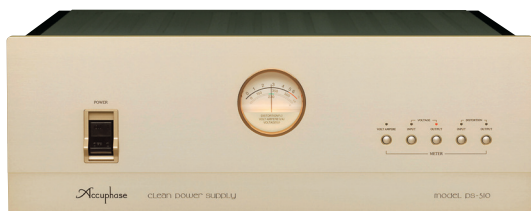
GUARANTEED SPECIFICATIONS

- Configuration: Integrated CD transport and digital processor
- CD standard format: EIA format
- Frequency response: 4.0 - 20,000 Hz \pm 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)

MAIN FEATURES

- Play/Pause button
- Track search buttons
- Stop button
- Supplied remote commander for external input switching, direct play, program play, repeat play, digital level control etc.
- Digital inputs
- Transport outputs
- Maximum dimensions: 475 (W) x 140 (H) x 395.5 (D) mm (18-11/16" x 5-1/2" x 15-9/16")
- Mass: 11.7 kg

PS-510/PS-1210 CLEAN POWER SUPPLY



PS-510



PS-1210

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 \pm 2.4 V | 230 V AC \pm 4.6 V | 120 V AC \pm 2.4 V | 230 V AC \pm 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 243.4 x 500.2 mm 18-5/16" x 9-9/16" x 19-11/16" | |
| 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

Photos show 230 V AC versions

E-550 CLASS-A 30 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards:
DAC-10, DAC-20,
AD-10, 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 (2 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), 0.617 V (POWER IN)
- S/N ratio: 120 dB (POWER IN), 98 dB (HIGH LEVEL)

MAIN FEATURES

- Recorder switch
- Tape 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-408 180 W/ch INTEGRATED STEREO AMPLIFIER



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

Using sophisticated technology developed for top-of-the-line separate components, this integrated amplifier features modern circuit topology and high-quality parts. The preamplifier and power amplifier stages both use the MCS (Multiple Circuit Summing) principle which notably improves S/N ratio and brings out the finest nuances in the music. A triple parallel push-pull arrangement of wide-band power transistors and the highly efficient toroidal power transformer deliver sound with impressive authority. A full complement of features such as tone controls and recorder connection facilities enhance operation convenience. EXT PRE connectors allows independent use of the preamplifier and power amplifier. The E-408 is an accomplished performer destined to become the new integrated amplifier reference. Option boards can be used to implement digital input and analog record playback capability.

GUARANTEED SPECIFICATIONS (with AD-10 installed)

- Continuous average output power: 180 W/ch (8 ohms, both channels driven, 20 - 20,000 Hz, THD 0.02%)
- Frequency response (1 W output): 2 Hz - 150 kHz +0 -3.0 dB
- Damping factor: 120 (EIA 50 Hz)
- Input sensitivity: 0.12 mV (DISC MC), 2.5 mV (DISC MM), 158 mV (HIGH LEVEL), 1.58 V (MAIN)
- S/N ratio: 129 dB (MAIN), 113 dB (HIGH LEVEL)

MAIN FEATURES

- Recorder switch
- Copy switch
- Tone controls
- Loudness compensator
- Meter operation switch
- EXT PRE selector
- Speaker selector
- Balanced inputs
- Supplied remote commander
- Maximum dimensions: 475 (W) x 180 (H) x 422.7 (D) mm (18-11/16" x 7-1/16" x 16-5/8")
- Mass: 23.4 kg

E-308 100 W/ch INTEGRATED STEREO AMPLIFIER



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

The E-308 is the latest addition to the E-300 series which plays a central role in the Accuphase integrated amplifier lineup. Incorporating a wealth of know-how, it reflects the latest advances in circuit technology and materials research. Preamplifier and power amplifier stages are kept fully separate both mechanically and electrically. EXT PRE switch and dedicated inputs and outputs allow independent use. MCS topology in the preamplifier and power amplifier sections significantly improves S/N ratio. Wide-band power transistors in a parallel push-pull configuration and the large power transformer deliver impressive power reserves. Music emerges from a deep, silent background on a totally natural sound stage. The preamplifier features a full array of tone control and recorder connection facilities. Option boards can be used to realize high-grade analog record playback or CD reproduction via digital inputs.

GUARANTEED SPECIFICATIONS (with AD-10 installed)

- Continuous average output power: 100 W/ch (8 ohms, both channels driven, 20 - 20,000 Hz, THD 0.02%)
- Frequency response (1 W output): 2 Hz - 150 kHz +0 -3.0 dB
- Damping factor: 100 (EIA 50 Hz)
- Input sensitivity: 0.11 mV (DISC MC), 2.2 mV (DISC MM), 113 mV (HIGH LEVEL), 1.13 V (MAIN)
- S/N ratio: 123 dB (MAIN), 105 dB (HIGH LEVEL)

MAIN FEATURES

- Recorder switch
- Copy switch
- Tone controls
- Loudness compensator
- Meter operation switch
- EXT PRE selector
- Speaker selector
- Balanced inputs
- Supplied remote commander
- Maximum dimensions: 475 (W) x 170.6 (H) x 423 (D) mm (18-11/16" x 6-3/4" x 16-5/8")
- Mass: 21.6 kg

E-213 90 W/ch INTEGRATED STEREO AMPLIFIER



- ◆ Number of option board slots: 1
- ◆ Compatible option boards:
DAC-10, DAC-20,
AD-9, LINE-9

The E-213 inherits sophisticated technology first implemented in upper-echelon Accuphase models. It combines this with latest circuit design features for optimum sound, using only strictly selected high-quality parts and materials. The end result is an integrated amplifier that is a lasting joy to own and pure bliss to operate. Advanced MCS topology exclusive to Accuphase is found both in the preamplifier and power amplifier sections. In addition, the power amplifier section incorporates the highly acclaimed current feedback topology. Excellent sound quality and performance characteristics let the music emerge before a perfectly silent background. An EXT PRE switch for separating the preamplifier and power amplifier sections, plus a set of dedicated inputs allow independent use of the power amplifier. The preamplifier section comprises features such as tone controls, loudness compensator, and facilities for recorder connection. An option board can be used to implement digital inputs or high-quality analog record playback.

GUARANTEED SPECIFICATIONS (with AD-9 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): 2 Hz - 150 kHz +0 -3.0 dB
- Damping factor: 100 (EIA 50 Hz)
- Input sensitivity: 0.16 mV (DISC MC), 3.4 mV (DISC MM), 213 mV (HIGH LEVEL), 1.07 V (MAIN)
- S/N ratio: 123 dB (MAIN), 110 dB (HIGH LEVEL)

MAIN FEATURES

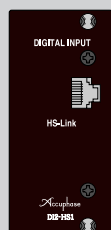
- Recorder switch
- Tone controls
- Loudness compensator
- EXT PRE selector
- Speaker selector
- Balanced inputs
- Supplied remote commander
- Maximum dimensions: 475 (W) x 150 (H) x 422 (D) mm (18-11/16" x 5-7/8" x 16-5/8")
- Mass: 18.8 kg

OPTION BOARDS

- * 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 for Digital Components

■ Option boards shown are just for illustration. The coloring and shape of actual products will differ.

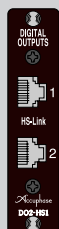


Uses 2 slots

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 1 slot

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

HPC Optical Input/Output Board DIO-ST1

For input and output of digital signals

- Provides input and output for ST type optical link
- 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 2 slots

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 1 slot

Line Input Board AI2-U1

For input of high-level analog signals from CD player, tuner, etc.

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

- For unbalanced connections

Balanced Input Board AI2-B1

- For balanced connections



Uses 2 slots

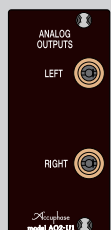


Uses 2 slots

Analog Disc Input Board AI-AD1

Incorporates high-performance, high-gain phono equalizer for playback of analog records

- Supports MM and MC cartridges (Gain: 30 dB for MM and 60 dB for MC)
- Sampling frequency: 48 kHz
- Compatible models: DC-330, DC-300



Uses 2 slots

Line Output Board AO2-U1

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

- 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.

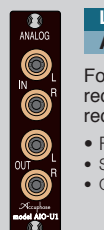
- For unbalanced connections

Balanced Output Board AO2-B1

- For balanced connections



Uses 2 slots



Uses 1 slot

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

Option Boards for Integrated Amplifiers and Preamplifiers

For DAC-10/DAC-20 and AD-9/AD-10/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.



Uses 1 slot

Digital Input Board DAC-10 / 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: DAC-10 / DAC-20: C-2000, C-245 (1 board), CX-260 (1 board), E-213, E-307 (1 board, DAC-10 only), E-308 (1 board), E-408, E-530, E-550

* The illustration shows the DAC-20.



Uses 1 slot

Analog Disc Input Board AD-9 / AD-10 / 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-10 / AD-20: C-2000, C-245, C-265, CX-260, E-307, E-308, E-407, E-408, E-530, E-550

* The illustration shows the AD-20.



Uses 1 slot

Line Input Board LINE-9 / LINE-10

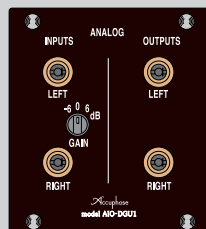
General high-level input for unbalanced connections

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

* The illustration shows the LINE-10.

Dedicated Option Boards for DG-28

For DG-38: Use HS-Link for digital connection and AI2-U1/AI2-B1 and AO2-U1/AO2-B1 for analog connection.



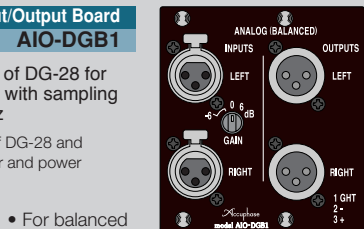
Uses 4 slots

Wide Range Analog Input/Output Board AIO-DGU1

Allows analog connection of DG-28 for playback of digital signals with sampling frequencies above 48 kHz

- Install in option board slots of DG-28 and connect between preamplifier and power amplifier

- For unbalanced connections



Uses 4 slots

Wide Range Analog Input/Output Board AIO-DGB1

- For balanced connections



Uses 2 slots

Wide Range Digital Input/Output Board DIO2-DG1

Allows digital connection of DG-28 for sound field processing of digital signals with sampling frequencies above 48 kHz

- For 75-ohm coaxial digital cable
- Compatible models: DC-101, DC-330, DP-85, DP-75V (install in EXT DSP slot and connect to DG-28)

Experience High-End Home Theater Surround Sound

VX-700 A/V CONTROL CENTER



The Home Theater Reference — A fusion of sound and image without compromise. Build a true high-end home theater with this superb A/V Control Center. Creative use of super advanced digital technology as well as the legendary Accuphase dedication to quality have culminated in a product that truly brings the audiovisual stage to life. Two high speed 32-bit DSP devices operating with software specially developed by Accuphase decode a multitude of audio formats. Internal digital-to-analog conversion is performed by MDS Plus type D/A converters in all eight channels. The resulting sound quality is on a par with the best of high-end pure audio components. A supplied microphone serves to automatically adjust speaker levels. Other functions accessible through a set of layered menus include accurate lip-sync adjustment and a memory for seven audio setting patterns.

Built-in audio decoders

Dolby Digital, Dolby Digital EX, DTS, DTS-ES, DTS 96/24, MPEG2, MPEG2 AAC, SRS TruSurround, SRS Circle Surround II, Dolby Pro Logic II, DTS Neo:6

GUARANTEED SPECIFICATIONS (with AD-10 installed)

• Digital inputs/outputs: EIAJ compliant • Analog inputs: A/D converter (sampling frequency 48/96 kHz) • Frequency response: 0.5 - 50,000 Hz +0, -3.0 dB • THD: 0.001% (20 - 20,000 Hz) • S/N ratio: 113 dB • Dynamic range: 100 dB • Channel separation: 90 dB • Output voltage (balanced, unbalanced): 2.4 V (0 dB), 9.4 V (max.)

MAIN FEATURES

• Input selector • Setup mode selector buttons • Cancel button • Menu setting knobs • Video input/output connectors • Digital input/output connectors • Analog audio input connectors • Audio output connectors (unbalanced: 8 channels; balanced: 6 channels) • Attenuator • Supplied remote commander • Maximum dimensions: 475 (W) x 195 (H) x 452 (D) mm (18-11/16" x 7-11/16" x 17-13/16") • Mass: 20.1 kg

* Supplied accessories: Measurement microphone, microphone cable (5 m) and holder

CX-260 MULTICHANNEL CONTROL CENTER



- ◆ Number of option board slots: 2
- ◆ Compatible option boards:
DAC-10 (1 board), DAC-20 (1 board),
AD-10, 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 (5.1ch) 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-10 installed)

• THD: max. 0.005% (20 - 20,000 Hz) • Frequency response: 3 Hz - 300 kHz +0 -3 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 • 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-600 6-CHANNEL POWER AMPLIFIER



Six entirely separate identical high-performance amplifiers with current feedback technology deliver 150 W x 6 into 4 ohms or 100 W x 6 into 8 ohms. Amazingly realistic sound stage and dynamic scale elevate home theater sound to a new dimension. Capability for bridged mode operation allows further upgrading for example to three high-output channels with 300 W each into 8 ohms. Various configurations ranging from one to six channels can be realized, combining flexibility with superb sonic performance. Massive 700 VA Super Ring toroidal transformer and enormous filtering capacitors easily sustain all power demands.

GUARANTEED SPECIFICATIONS

• Continuous average output power: 100 W x 6 (8 ohms), 150 W x 6 (4 ohms) / bridged operation: 300 W x 3 (8 ohms), 320 W x 3 (6 ohms) • Frequency response: 0.5 Hz - 160 kHz +0 -3.0 dB • IM distortion: 0.003% • Damping factor: 100 • S/N ratio: 120 dB or better (A weighted) • Input sensitivity: 1.12 V

MAIN FEATURES

• Logarithmic compression type analog power meters x 3 • Meter selector for L, C, R/A, D, B • Meter ON/OFF switch • Mode selector (input mode and bridged operation) • Balanced inputs • Maximum dimensions: 475 (W) x 211 (H) x 459 (D) mm (18-11/16" x 8-5/16" x 18-1/16") • Mass: 31.2 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 18-7/16") • Mass: 25.8 kg

DG-38 DIGITAL VOICING EQUALIZER



- ◆ Number of option board slots: 4
- ◆ Compatible option boards:
 - For Analog Input/Output; AI2-U1, AI2-B1, AO2-U1, AO2-B1
 - For Digital Input/Output; DIO-OC1, DIO-ST1, DIO-PRO1
- * Supplied accessories:
 - Measurement microphone, microphone cable (5 m) and holder,
 - stylus pen, HS-Link housing, Coaxial digital cable (2)

Optimize your listening room with the stroke of a pen — This Digital Voicing Equalizer gives you full control. High-speed DSP devices are used to implement extremely sophisticated digital signal processing techniques. Further improving on its predecessor, the DG-38 offers two equalizing modules for sound field compensation (Voicing) and sound field creation (Equalizer). Full digital processing capability is provided for all sources including SA-CD. A large, wide-format LCD panel lets you draw a response curve directly with the supplied stylus. Operation is speedy and intuitive. A spectrum analyzer function shows the frequency components of the music signal in real time. Connection to analog devices is implemented via option boards.

GUARANTEED SPECIFICATIONS

- Voicing: 68 frequency bands with 1/6 octave spacing (adjustment range ± 12 dB)
- Equalizer: 74 frequency bands with 1/6 octave spacing (adjustment range ± 12 dB)
- Analyzer: 35 frequency bands with 1/3 octave spacing, real-time operation
- Gain: +6 to -90 dB variable
- Frequency response: 0.5 - 50,000 Hz ± 0 , -3.0 dB
- Digital inputs/outputs: HS-Link (RJ-45 connector), COAXIAL/OPTICAL (EIAJ compliant)

MAIN FEATURES

- Sound field compensation button
- Equalizer button
- Analyzer button
- Function setting button
- Menu screen functions: equalizer On/Off, memory functions, channel selection, cursor functions, input selector
- Microphone input connector
- Digital input/output connector (HS-Link, COAXIAL, OPTICAL)
- Supplied remote commander
- Maximum dimensions: 475 (W) x 150 (H) x 395 (D) mm (18-11/16" x 5-7/8" x 15-9/16")
- Mass: 12.3kg

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-ST1, 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, 196 kHz | |
| Digital output | COAXIAL, for 5-way and higher configurations | |
| Number of units | Standard configuration: 2-way | Standard configuration: 4-way |
| Maximum dimensions | 475 x 171 x 405 mm | 465 x 150.6 x 395.8 mm |
| Width x Height x Depth | 18-11/16" x 6-3/4" x 15-15/16" | 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 Litz Wire

- Type: dual-conductor shielded cable
- Center conductor: OFC polyurethane litz wire, 0.08 mm dia. x 168
- Insulator: foamed polyethylene
- Center conductor DC resistance: 0.025 ohm/m
- Capacitance between center conductors: 50 pF/m
- Insulation resistance: 40 Mohms/km

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

SR Series — 7N Purity Twisted Wire

- Type: dual-conductor shielded cable
- Center conductor: 7N purity thin wire, 0.1 mm dia. x 105
- Insulator: foamed polyethylene
- Center conductor DC resistance: 0.0225 ohm/m
- Capacitance between center conductors: 105 pF/m
- Insulation resistance: 40 Mohms/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 |

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



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.



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