

# Accuphase

## GENERAL CATALOG

*enrich life through technology*

### 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 to 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

• Analog output level meter with logarithmic scale • Meter ON/OFF switch • Input selector • Phase selector • Balanced input • 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

• Analog output level meters with logarithmic scale • Meter ON/OFF switch • Mode selector • Input selector • Balanced inputs • 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

• Analog output level meters with logarithmic scale • Meter ON/OFF switch • Mode selector • Gain selector • Balanced inputs • 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 • 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

\*Teflon is a registered trademark of DuPont USA.

## 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 • 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-20V CLASS-A 20 W/ch STEREO POWER AMPLIFIER



With pure class A operation, this amplifier lets you explore the heart of the music. In the output stage, a triple-parallel push-pull configuration of MOS-FETs is used per channel, for outstanding sonic definition. The amply dimensioned power supply ensures linear operation also with difficult loads. Bridged operation mode creates a true monophonic amplifier with higher power reserves. The current feedback principle combines sonic purity with stable operation. A gain control is provided which operates by modifying the NFB amount. This is useful for example in multi-amp systems where even minimal amounts of noise in the medium and high frequency bands could be a problem.

### GUARANTEED SPECIFICATIONS

• Continuous average output power: 20 W/ch (8 ohms), 40 W/ch (4 ohms), 80 W/ch (2 ohms) / bridged connection 80 W (8 ohms), 160 W (4 ohms) • Frequency response: 0.5 Hz - 160 kHz +0 -3.0 dB • Intermodulation distortion: 0.003% • Damping factor: 120 • S/N ratio: 110 dB or better (A weighted) • Input sensitivity: 0.5 V

### MAIN FEATURES

• Logarithmic compression type analog power meters • Gain selector • Bridged mode switch • Meter ON/OFF switch and sensitivity selector • Balanced inputs • Dimensions: 475 (W) x 170 (H) x 426 (D) mm (18-11/16" x 6-11/16" x 16-3/4") • Mass: 22.6 kg

## DC-330 PRECISION DIGITAL PREAMPLIFIER



Digital preamplifier featuring ultra high speed DSP and full compatibility with new-generation digital formats such as SACD and DVD-Audio. 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-28 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 • 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

- ◆ Compatible option boards (digital):  
DIO-OC1, DIO-ST1, DIO-PRO1, DI2-HS1, DO2-HS1, DIO2-DG1
- ◆ Compatible option boards (analog):  
AI-AD1, AI2-U1, AI2-B1, AIO-U1, AO2-U1, AO2-B1

## C-2800 PRECISION STEREO PREAMPLIFIER



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 • 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)

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

## 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 • 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



◆ Compatible option boards:  
 DAC-10, AD-10, 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 • 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

## DP-100 SACD/CD TRANSPORT



\* HS-Link cable (HDL-15) supplied



SACD/CD transport with dedicated digital output and ultimate digital audio interface HS-Link. Stationary optical assembly with dual pickups assures absolutely pure digital signal readout. Top loading principle with smooth sliding door and high-class feel. Sophisticated design blended with superb performance. Supplied with dedicated HS-Link interface cable.

### GUARANTEED SPECIFICATIONS

• Supported disc formats: 2-channel Super Audio CD and CD • Digital outputs: HS-Link, COAXIAL

### MAIN FEATURES

• Play/pause/track search/stop • Supplied remote commander RC-27 allows direct play, program play, repeat play, shuffle play • CD digital output ON/OFF switch • Dimensions: 475 (W) x 160 (H) x 398 (D) mm (18-11/16" x 6-5/16" x 15-11/16") • Mass: 19.2 kg

## DC-101 PRECISION DIGITAL PROCESSOR



Standard Equipment: • HS-Link Input Board DI2-HS1  
 • Digital Input/Output Board DIO-OC1

◆ Compatible option boards:  
 DIO-OC1, DIO-ST1, DIO-PRO1,  
 DI2-HS1, DIO2-DG1

Digital processor features HS-Link input for SACD and CD reproduction without compromise. Revolutionary MDS (Multiple Delta Sigma) converter with 24-bit resolution assures superior precision. Advanced digital technology and ultra jitter-free PLL circuit. Compatible with new generation of super high quality sources such as SACD and DVD-Audio. All digital inputs and outputs implemented as option boards, with HS-Link input board and conventional format digital input/output board supplied as standard equipment.

### GUARANTEED SPECIFICATIONS

• Digital input: HS-Link, sampling frequency 32, 44.1, 48, 88.2, 96, 176.4, 192 kHz, 2.8224 MHz  
 • Frequency response: 0.5 - 50,000 Hz +0, -3 dB • THD: 0.0008% (20 to 20,000 Hz) • S/N ratio: 116 dB  
 • Dynamic range: 112 dB • Channel separation: 108 dB • Rated output: 2.5 V (balanced, unbalanced)

### MAIN FEATURES

• Input selector • Output level control • Phase selector • EXT DSP ON/OFF switch • Editable input labels  
 • Balanced outputs • Dimensions: 475 (W) x 150 (H) x 398 (D) mm (18-11/16" x 5-7/8" x 15-11/16")  
 • Mass: 20.8 kg

## DP-85 SACD/CD PLAYER



◆ Compatible option boards:  
DIO-OC1, DIO-ST1, DIO-PRO1,  
DI2-HS1, DIO2-DG1, DO2-HS1

The Super Audio CD (SACD) is becoming the pinnacle format of pure audio. The DP-85 is an integrated SACD/CD player of the highest quality. It is based on the expertise gained with the separate type SACD/CD player combo DP-100 and DC-101 and reflects the latest advances in digital technology. The transport section features a dedicated DSP for digital servo control and a single lens/twin pickup high-speed mechanism which minimizes access time. The processor is ready for new-generation formats such as 2.8224 MHz/1 bit and 192 kHz/24 bit. The critical digital-to-analog conversion is handled by a further refined MDS type converter. Entirely separate construction of transport and processor allows individual use of each section, thanks to transport outputs and digital inputs.

### GUARANTEED SPECIFICATIONS

• Integrated 2-channel Super Audio CD and CD player • Sampling frequencies 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, [Implemented via HS-Link input board] 176.4 kHz, 196 kHz, 2.8224 MHz • Frequency response: 0.5 - 50,000 Hz +0, -3 dB • THD: 0.0008% (20 - 20,000 Hz) • S/N ratio: 116 dB • Dynamic range: 112 dB • Channel separation: 108 dB • Rated output: 2.5 V (balanced, unbalanced)

### MAIN FEATURES

• Play button • Pause button • Stop button • Track search buttons • SACD/CD switching • Input selector • Transport outputs (HS-Link/Coaxial) • Digital inputs (Coaxial/Optical) • Balanced outputs • Supplied remote commander for external input switching, level control, direct play, program play, repeat play, and shuffle play • Dimensions: 475 (W) x 150 (H) x 397 (D) mm (18-11/16" x 5-7/8" x 15-5/8") • Mass: 19.2 kg

## DP-77 SACD/CD PLAYER



◆ Compatible option boards:  
DIO-OC1, DIO-ST1, DIO-PRO1,  
DI2-HS1, DO2-HS1

Rediscover what the Compact Disc is all about — Integrated SACD/CD player inherits the superior technology of the separate combo DP-100/DC-101. Superb SACD playback technology also elevates the conventional CD onto a higher plane. The SACD/CD transport section features a single lens/twin pickup high-speed access mechanism. The processor section handles latest formats such as 2.8224 MHz/1 bit and 192 kHz/24 bit and employs the MDS Plus principle, with multiple high-performance Delta Sigma converters in a parallel configuration. Separate construction of transport and processor sections allows independent use. HS-Link input/output boards are available as an option.

### 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, -3.0 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 • SACD/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 etc. • Dimensions: 475 (W) x 151 (H) x 397 (D) mm (18-11/16" x 5-15/16" x 15-5/8") • Mass: 17.7 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++ type 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 • 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-55V CD PLAYER



The simple and refined design of this integrated CD player encompasses latest digital technology optimized for truly musical performance. The processor section uses the revolutionary MDS (Multiple Delta Sigma) converter principle that achieves amazingly low distortion, high S/N ratio, and top-notch performance in all other aspects. Two sets of digital inputs and outputs allow using the superior converter section for reproducing other sources and for performing digital recording. The CD transport section uses fully digital control, all actuators are driven by balanced circuits, the laser pickup is an ultra-compact type with integrated RF amplifier, and the analog output stage employs a balanced configuration. These measures ensure total freedom from noise interference and highly pure music reproduction.

### GUARANTEED SPECIFICATIONS

• Type: Integrated CD transport and digital processor • CD format: EIA standard • Frequency response: 4.0 - 20,000 Hz  $\pm$  0.3 dB • THD: 0.0009% (20 - 20,000 Hz) • S/N ratio: 114 dB • Dynamic range: 110 dB • Channel separation: 105 dB • 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 • Digital input/output connectors • Dimensions: 475 (W) x 140 (H) x 394 (D) mm (18-11/16" x 5-1/2" x 15-1/2") • Mass: 11.8 kg

## E-530 CLASS-A 30 W/ch INTEGRATED STEREO AMPLIFIER



◆ Compatible option boards:  
DAC-10, AD-10, LINE-10

The E-530 is the pinnacle of pure class A integrated amplifiers, representing all of Accuphase's sophisticated knowledge. Power MOS-FETs in the output stage provide a musical experience second to none. To assure low impedance and constant voltage speaker drive, the devices are arranged in a triple parallel push-pull configuration. The large toroidal transformer and massive, high-quality filtering capacitors support linear progression output of 120 watts into 2 ohms, 60 watts into 4 ohms, or 30 watts into 8 ohms. Sonic transparency is assured by the highly renowned current feedback topology. The full feature complement also includes tone controls, analog power meters, and two sets of speaker outputs. Option board slots can be used to input digital signals or for playback of analog records.

### GUARANTEED SPECIFICATIONS (with AD-10 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  $\pm$  0.3 dB • Damping factor: 120 (EIA 50 Hz) • Input sensitivity: 0.05 mV (DISC MC), 0.98 mV (DISC MM), 61.7 mV (HIGH LEVEL), 0.617 V (MAIN) • S/N ratio: 118 dB (MAIN), 106 dB (HIGH LEVEL)

### MAIN FEATURES

• Recorder switch • Tape copy switch • Tone controls • Loudness compensator • Speaker selector • Meter operation/illumination switch • Preamplifier/power amplifier switch • Balanced inputs • Two sets of speaker outputs • Supplied remote commander • Dimensions: 475 (W) x 196 (H) x 422 (D) mm (18-11/16" x 7-11/16" x 16-5/8") • Mass: 25.0 kg

## E-408 180 W/ch INTEGRATED STEREO AMPLIFIER



◆ Compatible option boards:  
DAC-10, AD-10, 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 • 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



◆ Compatible option boards:  
DAC-10, AD-10, 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 • 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-212 90 W/ch INTEGRATED STEREO AMPLIFIER



◆ Compatible option boards:  
DAC-10, AD-9, LINE-9

Sophisticated design and outstanding performance at moderate cost are the hallmarks of this integrated amplifier. Latest technology and solid know-how work together to produce optimum sound. Current feedback, large power transistors arranged in a parallel push-pull configuration, and a power supply featuring a massive power transformer and large filtering capacitors deliver 90 watts of quality power per channel (into 8 ohms). Tone controls designed for sound quality, responsive analog peak power meters, two sets of speaker outputs are further advantages. Option boards can be used to realize high-quality CD reproduction or playback of analog records.

### GUARANTEED SPECIFICATIONS (with AD-9 installed)

• Continuous average output power: 90 watts/ch (into 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: 0.17 mV (DISC MC), 3.38 mV (DISC MM), 213 mV (HIGH LEVEL) • S/N ratio: 110 dB (HIGH LEVEL)

### MAIN FEATURES

• Tape monitor switch • Tone controls • Loudness compensator • Speaker selector • Balanced inputs  
• Two sets of speaker outputs • Supplied remote commander • Dimensions: 475 (W) x 150 (H) x 422 (D) mm (18-11/16" x 5-7/8" x 16-5/8") • Mass: 18.9 kg

## PS-500V/PS-1200V CLEAN POWER SUPPLY



PS-500V



PS-1200V

The PS-1200V and PS-500V 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-1200V can supply up to 1200 VA and the PS-500V 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-500V		PS-1200V	
	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	0.3% or less		0.3% 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	8	6
Dimensions	475 ¥ 180 ¥ 394 mm		475 ¥ 242 ¥ 508 mm	
Width ¥ Height ¥ Depth	18-11/16" ¥ 7-1/16" ¥ 15-1/2"		18-11/16" ¥ 9-1/2" ¥ 20"	
Mass	23.8 kg		38.4 kg	

### MAIN FEATURES

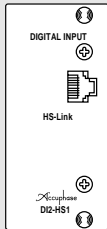
• Power switch/circuit protector • Meter selector • Meter switchable for monitoring output power, input/output voltage, input/output distortion

Photos show 230 V AC versions

# 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

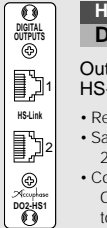


### HS-Link Input Board DI2-HS1

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-77, DP-75V

Uses 2 slots

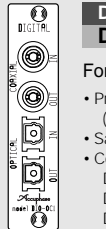


### HS-Link Output Board DO2-HS1

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 DP-85, DP-77

Uses 1 slot

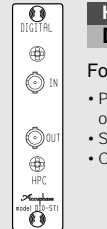


### Digital Input/Output Board DIO-OC1

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-77, DP-75V, DP-65V, DF-35, DG-38, DG-28

Uses 1 slot

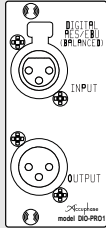


### HPC Optical Input/Output Board DIO-ST1

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-77, DP-75V, DP-65V, DF-35, DG-38, DG-28

Uses 1 slot

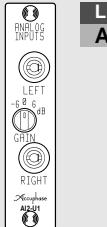


### AES/EBU Input/Output Board DIO-PRO1

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-77, DP-75V, DP-65V, DF-35, DG-38, DG-28

Uses 2 slots

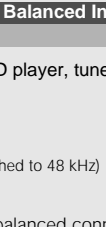


### Line Input Board AI2-U1

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)

Uses 1 slot

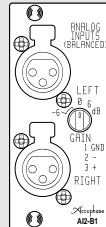


### Balanced Input Board AI2-B1

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
- For balanced connections

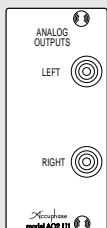


### Analog Disc Input Board AI-AD1

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

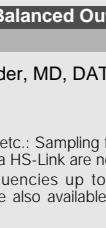


### Line Output Board AO2-U1

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.

Uses 2 slots

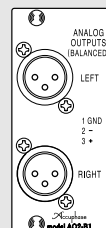


### Balanced Output Board AO2-B1

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
- For balanced connections



### Line Input/Output Board AIO-U1

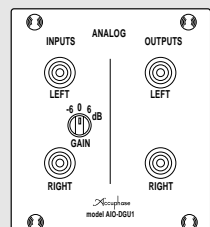
For output of analog signals to tape recorder, MD, DAT, or CD-R recorder etc.

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

Uses 1 slot

## Dedicated Option Boards for DG-28 (Support for Wide-Range Sources With Sampling Frequencies Above 48 kHz)

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



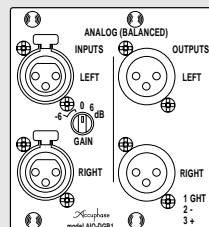
### Wide Range Analog Input/Output Board AIO-DGU1

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



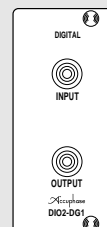
### Wide Range Analog Input/Output Board AIO-DGB1

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 balanced connections

Uses 4 slots



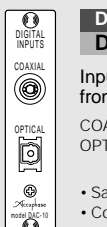
### Wide Range Digital Input/Output Board DIO2-DG1

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)

Uses 2 slots

## Option Boards for Integrated Amplifiers and Preamplifiers



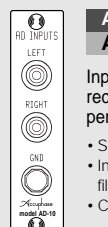
### Digital Input Board DAC-10

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-245, CX-260 E-212, E-307, E-308, E-408, E-530

Uses 1 slot



### Analog Disc Input Board AD-9 / AD-10

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 AD-10: C-2000, C-245, CX-260 E-307, E-308, E-407, E-408, E-530

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 LINE-10: C-2000, C-245, CX-260 E-307, E-308, E-407, E-408, E-530

Uses 1 slot

## DG-38 DIGITAL VOICING EQUALIZER



◆ **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

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 SACD. 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  $\pm 12$  dB)
- Equalizer: 74 frequency bands with 1/6 octave spacing (adjustment range  $\pm 12$  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
- Dimensions: 475 (W) x 150 (H) x 395 (D) mm (18-11/16" x 5-7/8" x 15-9/16")
- Mass: 12.3kg

\* Supplied accessories: Measurement microphone, microphone cable (5 m) and holder, stylus pen, HS-Link housing, Coaxial digital cable (2)

## Experience High-End Home Theater Surround Sound

### VX-700 A/V CONTROL CENTER



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
- 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



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

- ◆ **Compatible option boards:**  
DAC-10, AD-10, LINE-10

### 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
- 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

# DF-35 DIGITAL FREQUENCY DIVIDING NETWORK



Dedicated option unit for DF-35:  
• Divider Unit **DN-35**

◆ Compatible option boards:  
AI2-U1, AI2-B1, DI2-HS1, DIO-OC1, DIO-ST1, DIO-PRO1

Designed to serve as core component in a multi-amped system, this revolutionary channel divider is fully digital and employs super advanced circuit technology. An ultra high speed 32-bit DSP chip ensures compatibility with new-generation digital formats. The user has control over a large array of parameters: 59 cutoff frequency points, variable-order slope characteristics, delay function for time alignment, 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. In the standard configuration, the DF-35 is a two-way unit. By adding more divider units, the number of channels can be increased up to four.

### GUARANTEED SPECIFICATIONS

• THD: 0.0008% or less (20 - 20,000 Hz) • Cutoff frequencies: 59 points built-in • Filter slope: 6 dB/octave, 12 dB/octave, 18 dB/octave, 24 dB/octave, 48 dB/octave, 96 dB/octave • Delay: 0 - 999 cm • Level: 0 to -40 dB • Cutoff characteristics: -3 dB • S/N ratio: 116 dB (at 2.5 V output)

### MAIN FEATURES

• Selectable cutoff frequencies • Selectable slope characteristics • Right/left level controls • Delay function • Output on/off and phase selector for each frequency band • Subwoofer selector • Digital inputs and outputs • Balanced outputs • Expansion slots for additional input boards • Dimensions: 475 (W) x 171 (H) x 405 (D) mm (18-11/16" x 6-3/4" x 15-15/16") • Mass: 18 kg

### Built-in cutoff frequencies (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	

# F-25V ELECTRONIC FREQUENCY DIVIDING NETWORK



(Configured as a 2-way system: frequency boards sold separately)

Dedicated option unit for F-25V:  
• Line Amplifier Unit **LA-25V**  
• Filter Amplifier Unit **DN-25V**

Multi-amped systems in which the various drivers of a loudspeaker are served by dedicated power amplifiers are more complex to devise, but can yield a tremendous improvement in sound quality. An electronic frequency divider is always at the heart of such a system. The F-25V used high-precision GIC filters, a first in the field. These filters assure highly accurate frequency separation and attenuation characteristics. A Gaussian curve is used for best phase response. In its standard configuration, the F-25V is a two-way unit which can be expanded to a 3-way or 4-way configuration using optional modules. Crossover frequency selection is performed by means of separately available plug-in frequency boards (21 types).

### GUARANTEED SPECIFICATIONS

• THD: 0.003% or less (20 - 20,000 Hz) • Gain: 0 dB • Filter slope: 12 dB/octave, 18 dB/octave, 24 dB/octave (switchable) • Crossover characteristics: -3 dB ±5% • S/N ratio: 100 dB or better (0.5 V output, A-weighted) • Crossover frequency: selectable by changing plug-in frequency board

### MAIN FEATURES

• Separate right/left level controls • Output on/off and phase selector for each frequency band • Subwoofer selector • Balanced inputs and outputs • Dimensions: 475 (W) x 170 (H) x 394 (D) mm (18-11/16" x 6-11/16" x 15-1/2") • Mass: 15.4 kg

### Optional frequency boards

Crossover frequency	Model number	Crossover frequency	Model number
70 Hz	FB-70	1,000 Hz	FB-1000
100 Hz	FB-100	1,200 Hz	FB-1200
130 Hz	FB-130	1,800 Hz	FB-1800
180 Hz	FB-180	2,500 Hz	FB-2500
250 Hz	FB-250	3,500 Hz	FB-3500
290 Hz	FB-290	5,000 Hz	FB-5000
300 Hz	FB-300	7,000 Hz	FB-7000
350 Hz	FB-350	8,000 Hz	FB-8000
500 Hz	FB-500	10,000 Hz	FB-10000
650 Hz	FB-650	12,500 Hz	FB-12500
800 Hz	FB-800		

## 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



SL-15G with phono plugs

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



SLC-15 with XLR connectors

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

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

## DIGITAL CABLES

### 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	<b>HDL-15</b>	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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