



A-50DA-K



A-50DA-S

Experience the high-fidelity amplification created by the A-50DA-K/S Class D integrated amplifier featuring ESS SABRE<sup>32</sup> Ultra DAC, Separated Construction, and aluminium front panel. The USB-DAC featuring asynchronous transfer supports up to 384 kHz LPCM and 11.2 MHz DSD files, letting you enjoy extremely precise reproduction of Hi-Res Audio sources.

### DESIGN & BUILD

- › Pure Audio Grade High Efficiency Power MOSFET Amplifier (Class D Amplifier)
- › Separated Construction for Preamp and Power Amp
- › Isolated Power Supply
- › Source Direct Mode
- › Highly Acclaimed ESS SABRE<sup>32</sup> Ultra DAC
- › 384 kHz/32-bit USB-DAC for Asynchronous Transfer
- › Trans-Stabilizer
- › Speaker A, B, A+B Selector
- › Aluminium Front Panel and Rotary Knob
- › Auto Power Down
- › Hair Line Finish Remote Controller

### CONNECTIONS

- › Exclusive Gold-Plated Speaker Terminals (Large Type)
- › Gold-Plated Analogue Audio Input (Phono MM, CD, LINE 1, LINE 2, NETWORK, USB, COAXIAL, POWER AMP DIRECT IN)
- › USB Input for Asynchronous Transmission
- › Digital Coaxial Input
- › Digital Optical Input
- › Audio Output (LINE 2, PHONES)
- › SR In/Out
- › AC Inlet (Large Type)

### SPECIFICATIONS

- › 90 W + 90 W (20 Hz-20 kHz, THD 0.5 %, 4 ohms)
- › 65 W + 65 W (20 Hz-20 kHz, THD 0.5 %, 8 ohms)
- › THD: 0.02 % (Rated Output -3 dB, 8 ohms, 1 kHz)
- › Guaranteed Speaker Impedance: 4-16 ohms (A or B), 8-32 ohms (A+B), 4-16 ohms (Bi-Wiring)
- › Frequency Response (Measured with DIRECT button switched on): SACD/CD, NETWORK, LINE1, LINE2 5 Hz-50 kHz, ±3 dB
- › RIAA Deviation: PHONO MM 20 Hz-20 kHz, ±0.5 dB
- › Signal-to-Noise Ratio (IHF, A Network, Short Circuited) SACD/CD: 101 dB, Phono: 89 dB (MM: 5 mV input), Power Amp Direct: 110 dB
- › Channel Separation SACD/CD: 90 dB (100 Hz), 84 dB (1 kHz), 75 dB (10 kHz) Power Amp Direct: 95 dB (100 Hz), 95 dB (1 kHz), 80 dB (10 kHz)
- › Power Requirements: AC 220-230 V, 50 Hz
- › Power Consumption: 72 W
- › Power Consumption During Standby: 0.3 W
- › Dimensions (W x H x D): 435 x 138.5 x 357 mm
- › Weight: 11.2 kg



A-50DA-K/SYXE8

### High-Fidelity Class D Amplifier

Pioneer has considerable advantage over other manufacturers with unrivalled experience in digital amplifiers. The Class D amplifier allows flexible circuit layout and patterning to realise optimal design within the constraints of amplifier construction. With multiple original parts supporting effective operation, the component fully brings out the best from the Class D amplifier, reproducing refreshing, pure sound with subtle details which could not be thoroughly expressed by analogue amplifiers.

### Direct Energy Amplifier

Pioneer's "Direct Energy" concept is pursued to the utmost, with optimised power supply/output circuit blocks, as well as parts layout to reproduce clearer sound with reduced distortion. The resulting excellent signal transfer and high S/N ratio bring out the best musical reproduction from the integrated amplifier.

### Isolated Power Supply

The windings for the power amplifier, pre-amplifier, and controls are each separated inside the power transformer to cut out noise interference. This allows even more realistic amplification of the audio signals.

### ESS SABRE<sup>32</sup> Ultra DAC

High-performance 8ch ESS SABRE<sup>32</sup> Ultra DAC is adopted on the A-50DA-K/S. It features low noise and high S/N ratio that enable 4ch parallel drive for each channel at maximum 384 kHz. The result is clear and open, yet solid sound with superior audio quality.

### 384 kHz/32-bit USB-DAC for Asynchronous Transfer

The integrated amplifier allows direct USB connection with a PC. What's more, the signal transfer is done with USB asynchronous transfer mode, which controls the transfer process by using its high-accuracy clock, ensuring high-quality sound reproduction. This eliminates jitter, reproducing master quality sound with extremely precise audio signals. In addition to 11.2 MHz DSD, the unit supports LPCM with sampling frequency of 44.1, 48, 88.2, 96, 176.4, 192, 352.8, and 384 kHz, and quantization bit rate of 16, 24, and 32 bits.

### Gold-Plated Inputs, Large Machine-Cut Speaker Terminals, and Large AC Inlet with Polarity Indication

High-grade parts are used for the integrated amplifier's terminals to provide a stable connection for pure sound delivery. The A-50DA-K/S features machine-cut gold-plated brass speaker terminals, exclusive gold-plated input terminals, and a large AC inlet with polarity indication. The durable brass speaker terminals are set apart to easily accommodate thick high-grade cables. The speaker terminal has a large resin base for additional safety.

### Aluminium Front Panels and Knobs

Extra-thick 3.5 mm aluminium is used for the front panel, providing rigidity for a stable performance. The aluminium volume knob offers a solid, high-grade feel and style. The Input Selector, Balance, and Bass/Treble knobs are also made of aluminium.

