

ARCAM

FMJ P777 Seven Channel Power Amplifier



- Seven channel high performance power amplifier
- 7x 150w per channel (8ohms)
- 7x 230w per channel (4ohms)
- Fully Balanced XLR inputs
- Unbalanced RCA inputs with "loop through"
- 12v trigger input for standby control
- Ultra stable thermal management
- Two massive toroid transformers
- Audiophile sonic performance for movies and music
- Ideal partner for AV888 processor
- Arcam FMJ 5 year Warranty

Having gained a world class reputation for amplifier design over thirty years, Arcam introduce the P777 multi channel amplifier for home cinema and music reproduction. Using technology honed thorough the development of dozens of award winning amplifiers, the P777 is the company's highest performing multi channel amplifier yet.

The P777 is a natural partner to the AV888 AV processor in high performance home cinema installations. Using Sanken output devices with ultra-stable thermal management from the company's stereo product line, the P777 offers huge power and control with even the most demanding loudspeakers and programme material. The Arcam development team have left nothing to chance while designing the P777. Literally hundreds of hours critical listening and fine tuning ensure it is equally at home with movies or music and will delight all who experience it.

Subtle detail is retrieved with startling realism even though the P777 is a true power house amplifier with huge output potential. Over 1.6kW of continuously available power is available to drive loudspeakers with clarity and precision and control. Substantial heat sinking and a computer controlled twin fan cooling system ensure it remains cool even under extreme duress with an all aluminium construction ensuring chassis temperatures are kept low while electro-magnetic interference is kept away from delicate audio signals.

The Two oversize toroid power transformers feed the seven power amplifier channels with separate secondary windings for each channel. The centre channel, often the most important as it carries dialogue information, is fed from both transformers for maximum performance. "Soft Start" circuit is deployed to reduce inrush load on the incoming mains supply at switch-on with the toroid standby transformer and control circuits kept in their own aluminium enclosure for additional screening.

The P777 is one of the finest multi channel amplifiers in the world and is specifically designed for the most ardent home cinema enthusiast or advanced custom installer. Available in black or silver finish, the P777 comes with Arcam's five year FMJ warranty.

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P777 Features and specifications

Audio

- 7 x 150 watts per channel (8 ohms, 20Hz-20kHz, all channels driven)
- 7 x 230 watts per channel (4 ohms, 20Hz-20kHz, all channels driven)
- Peak output current +/- 30amps per channel
- Modular construction with seven independent and fully isolated channels
- Four Sanken heavy duty bi-polar output transistors per channel
- Advanced current feedback design with high slew rate and very low distortion at all audio frequencies
- All-aluminium chassis and casework for best sound quality
- Comprehensive protection circuitry
 - DC offset protection
 - VI limiting on each output stage
 - Software controlled thermostatic fan
 - Over temperature protection

Inputs and Outputs

- Balanced (XLR) input connections
- Unbalanced (RCA) inputs with "loop through" output
- 12v Trigger (3.5mm mono jack) input for standby control

Power Supply Features

- Balanced (XLR) input connections
- Twin 1500 VA toroidal power transformers with separate secondary's for each power amplifier
- Separate low noise toroid transformer for standby operation
- 140,000 micro-farads total reservoir capacitance
- "Soft Start" turn on system to prevent large inrush currents

Custom Install Features

- 12v trigger input (3.5mm)
- Heavy duty IEC power inlet
- Middle Atlantic rack shelf available
- Balanced and unbalanced inputs
- Unbalanced input "loop though" connection
- Twin large and quiet temperature controlled fans

General

- Available in black or silver finish
- Size – 435mm (17.1in) wide, 460mm (18.1in) deep, 185mm (7.3in) high
- Weight 31kg (68.3) nett, 35kg (81.6lbs) packed

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