

ARCAM



solo movie 5.1

Arcam has a peerless pedigree in the world of specialist audio gained over more than three decades. Arcam's passion for high quality music reproduction is at the heart of everything it does. The company has assembled a design and engineering team that has taken the Arcam hi-fi heritage and produced home cinema separates hailed as the finest available at any price.

Many of Arcam's engineering team have come from a professional video background to join world-class analogue, digital audio and software engineers. They represent the pinnacle in engineering excellence and are dedicated to quality. It has taken nearly 15 years of committed research and development to hone the skills required to produce Solo Movie. Many commentators see it as a true Arcam masterpiece.

Solo Movie incorporates technology developed in tandem with one of the world's leading DVD chip manufacturers. It follows on from the Solo music system that has brought high-fidelity separates performance to a new audience of style-conscious music lovers. Solo Movie is a major advance in the quest to introduce more people to the world of stunning pictures and sound.





— VOLUME +

POWER 



solo movie 51

MENU

- SOURCE +

INFO

OK



TAPE



FM
Analogue



solo movie 21

MENU

- SOURCE +

INFO

OK



TAPE



FM
Analogue

ARCAM

DVD
VIDEO/AUDIO

Stereo Vol: 28



- VOLUME +



HDMI

Stereo

Vol: 28

HDMI



- VOLUME +



DVD
VIDEO/AUDIO

ARCAM

DVD

Technically complete, yet simplicity itself, Arcam's **Solo Movie 5.1** is the epitome of audiovisual engineering. The combined DVD and CD transport is chosen for its performance and quietness of operation. When coupled with Arcam's proprietary decoding techniques, the resulting picture and sound are simply world class.

CD

Arcam developed the world's first DAB radio and the Solo Movie's radio section draws on years of experience in this field. The clarity of reception will bring radio lovers hours of musical enjoyment from DAB, FM or AM (market dependent).

DAB

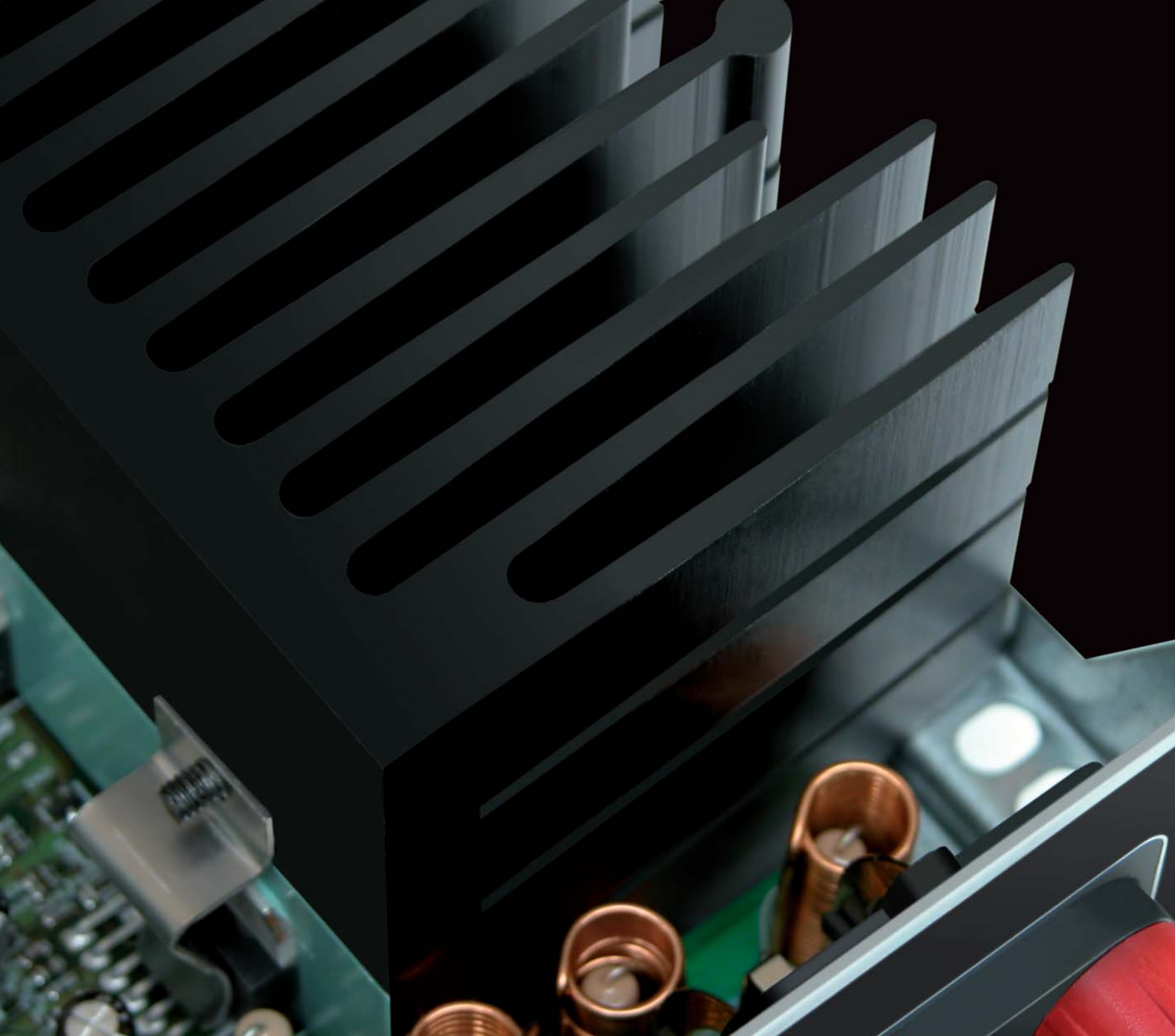
FM

Music and pictures from iPods® can be seamlessly integrated using either Arcam's rDock or rLead. **Solo Movie 5.1** takes over the control and amplification with all iPod text appearing on the front panel display of the unit.

iPod

SAT

Surround-sound decoding and amplification are also not left to chance. Arcam has brought all its experience to bear to deliver stunning surround sound from Dolby Digital, DTS or Dolby Pro Logic II decoding modes.



CD/DVD TRANSPORT



AUDIO BOARD

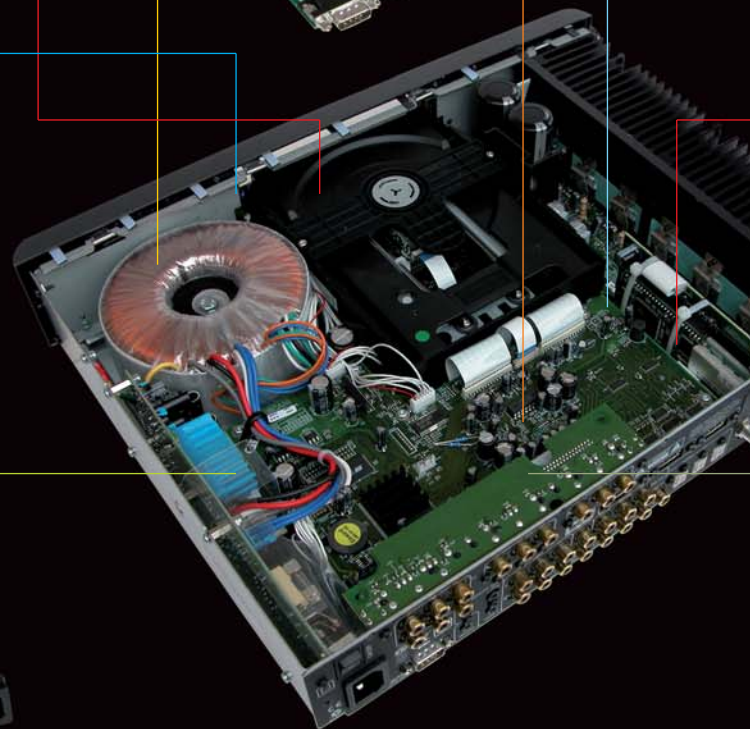
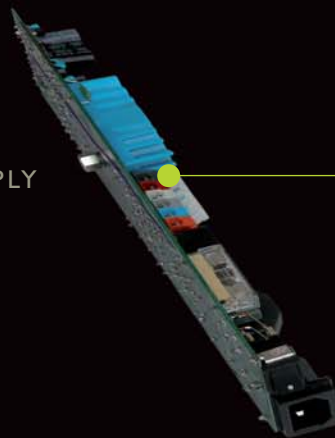


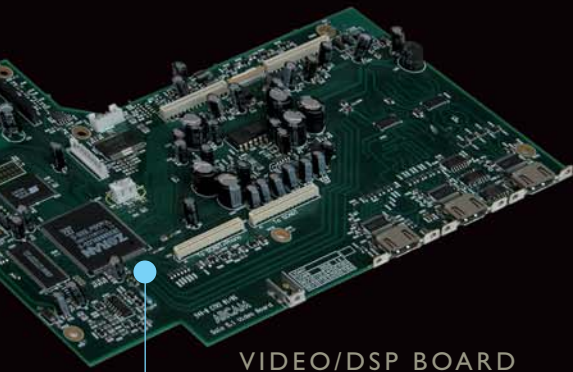
TRANSFORMER



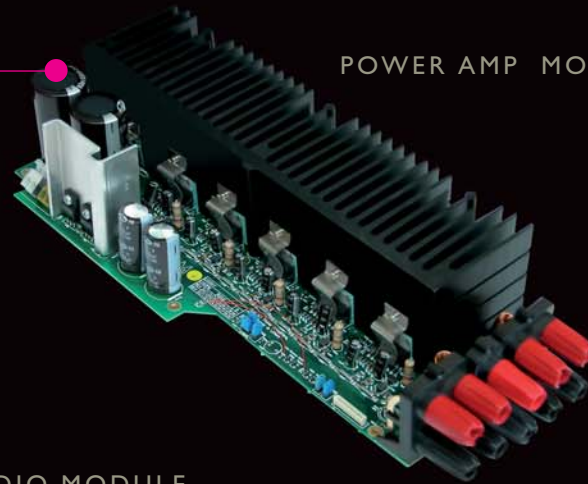
DISPLAY BOARD

POWER SUPPLY

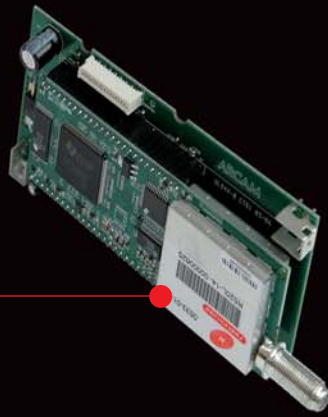




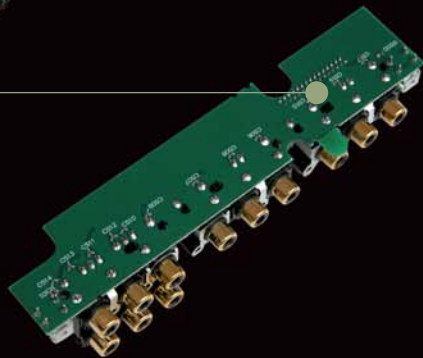
VIDEO/DSP BOARD



POWER AMP MODULE



RADIO MODULE



COMPONENT VIDEO BOARD

Inside Solo Movie technology abounds. Component quality is superior to any other all-in-one movie system using parts normally found in much more esoteric equipment. The oversize torroid transformer, four-layer PCB boards and Arcam's "Mask of Silence" technology all contribute to making Solo Movie a true high-end system without compromise.

Individual sections are isolated on their own PCB boards to eliminate interference and ensure signal clarity. A massive side mounted heat-sink maintains excellent ventilation and allows the unit to run cool without the need for a noisy fan.

Two versions are offered either with Component or with RGB SCART video switching. Using its full suite of Infra Red (IR) sockets and two-way RS232 connection, Solo Movie can be seamlessly integrated into large-scale custom installations. A second zone output can be used for tape recorders or for an adjoining room where an independent volume control can be engaged.

Surround-sound decoding and amplification are also not left to chance. Arcam has brought all its experience to bear to deliver stunning surround sound from Dolby Digital, DTS or Dolby Pro Logic II decoding modes.



Although there are any number of ways to listen to an iPod, Arcam's rDock has to be the most intelligent, building on the company's award-winning technology for iPod integration*. Not only does it offer the best sound quality available, but it also enables control from Solo Movie's handset. While navigating your iPod music library, all search and play information is displayed on Solo Movie's front panel and can be clearly seen from across the room. Video from a suitable iPod can also be fed to Solo Movie and sent on to your TV or display device.

*Mac World magazine: Best High-End Audio iPod Integration, 2006

rDock's unique charge control button allows the iPod to use its own battery power, thereby offering optimum sound quality and increasing battery life.



Once connected to Solo Movie, the iPod can take full advantage of Solo's audiophile quality amplifiers. All five are rated at 50 watts continuous output per channel and can drive loudspeakers from the smallest of satellites to the largest of floor-standing models. From "Mad Max" to Mozart, Solo Movie creates a stunningly realistic sound stage that will enthrall and envelop listeners.

For late night listening, the front panel headphones' output automatically mutes the main speakers.





- VOLUME +

POWER

HDMI

Arcam understands that a high performance system needs high performance control.

The CR100 is phenomenally versatile, yet simple enough for all the family to use once set up to control a complete system.

Not only does the CR100 control all functions of Solo Movie, but also its eight device pages, which can be programmed using a vast internal code library, allow all other system components to follow suit. It can also be set up to control set top boxes, TVs and other devices.



A blue backlight means the CR100 is easily readable when lights are low and powerful macros enable simple command sequences to be programmed. If you want all your devices to turn on or off together, then the CR100 can do it all with a simple button press.

If you love music and movies, then you owe it to yourself to experience a level of reproduction that unleashes the emotional power at the heart of the world's best music and cinema.

Arcam has a worldwide network of specialist dealers and custom installation experts who will be delighted to demonstrate and install a high performance system built around a Solo Movie that will astound all who look and listen.

At last an all-in-one home cinema system with a level of performance that will truly bring music and movies to life.

Solo Movie 5.1 Technical Specifications

Pre-amplifier

Inputs

Maximum input level	2.5V rms
Input impedance	47k Ω
Signal/noise ratio	105dB

Audio line level outputs

Maximum output level	2.5V rms
Output Impedance	120 Ω

Optical digital output (TOSLINK)

Sample rate	44.1kHz (with CD playback and analogue inputs), 48kHz (with DAB receiver), Up to 96kHz (DVD-A, DVD, disc dependent)
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Amplifier

Maximum continuous power output, per channel,
80kHz measurement bandwidth

5 channels, 8 Ω , 1kHz	50Wrms (0.02% THD+n)
5 channels, 4 Ω , 1kHz	75Wrms (0.05% THD+n)
Distortion, 5 channels 4 Ω , 80% power, 1kHz	0.011% THD+n

Video outputs

(US / Euro)

Composite video	1 x gold plated phono, 1V pk-pk into 75 Ω
Component video	Interlaced or Progressive 3 gold plated phono sockets. Y 1V pk-pk into 75 Ω , Pb 0.7V pk- pk into 75 Ω , Pr 0.7V pk-pk into 75 Ω

(Euro)

SCART socket with	
RGB video	All 0.7V into 75 Ω , composite video 1V into 75 Ω , and stereo audio
	Auto switching of TV with aspect ratio control

HDMI	19-pin HDMI connector Supported video formats are: 720 x 576p, 720 x 480p, 1280 x 720p, 1920 x 1080i
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CD Playback

Digital-Analogue Conversion	CS42528 24 Bit / 192kHz DAC, differential output
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Frequency response (+/- 0.5dB)	20Hz-20kHz
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DAB receiver (where fitted)

DAC	AKM 96kHz 24-bit Delta-Sigma DAC
RF Tuning range	174-240 MHz (Band III) 1452-1490 MHz (L Band)
Sensitivity (typical)	-98dBm (VHF measure to EN50248)
Input impedance	50 Ω
Audio data rate (maximum)	256kbit/s at MPEG layer 2, protection level 3
Number stored services (maximum)	128

FM receiver (where fitted)

RF tuning range	87.5 – 108MHz
Sensitivity (typical)	2 μ V
Signal to noise ratio (at 200mV)	58dB
Distortion (THD at 200mV)	0.5%

AM receiver (where fitted)

RF tuning range	522-1611 kHz
Signal to noise ratio (at 200mV)	40dB
Distortion (THD at 30% modulation)	0.5%

Disc types replayed

DVD-Video, Kodak Photo CD/jpegs, CD Video, SVCD, MPEG2, (DivX), MPEG4 (DivX), CD-Audio (inc. CD-R, CD-RW) with OGG, WMA or MP2/MP3 encoding, most DVD-R, DVD-RW, DVD+R, and DVD+RW discs

General

Size W/D/H mm. inc. feet	430x350x79
Power consumption (maximum)	400VA
Weight (net)	7.75kg

All specifications shown are typical unless otherwise stated. Please note that Arcam's policy is one of continuous improvement. We therefore reserve the right to change the material, dimensions, specifications or design of our products shown or referred to herein at any time and without prior notice. Illustrations used in our leaflets are intended as a guide only. E&OE 01/07.

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ARCAM, PEMBROKE AVENUE, WATERBEACH, CAMBRIDGE CB25 9QR, ENGLAND.