ARCAM

FMJ AVR360 7.1 AV Receiver



- **High Performance 7.1 channel AV Receiver**
- **HDMI 1.4a compliant with ARC and CEC support**
- **3D compatible video path**
- **High Performance video conversion / scaling**
- **7x 75W power amplifiers**
- **High-end Linear power supply with local sub-regulation**
- **Audio streaming from network or USB music files**
- **Professional grade jitter reduction**
- **Automated setup**
- **Audiophile performance with music and movies**

Arcam's world-class reputation for audio and video electronics has been built over more than thirty years. Its approach to design and development has given rise to countless awards and industry accolades but, most importantly, joy to thousands of delighted owners.

Using technology developed from the acclaimed AVR600 receiver and AV888 processor the AVR360 has been developed as a more affordable way to access Arcam's legendary sound quality. It is designed to be the perfect home cinema receiver for a wide range of enthusiastic customers and custom designed home theatres.

The AVR360 has a rich feature list including compatibility with all the latest audio decoding formats such as Dolby TrueHD and DTS Master Audio. In addition it offers wide compatibility with music files stored on USB or network audio devices. The included DAB/FM/AM tuner allows access to a host of terrestrial radio stations while its in-built Internet radio receiver extends this reach to thousands of web based radio stations from around the world.

The AVR360's video performance is exemplary regardless of source. Full upscaling and cross conversion is carried out by a high performance Torino video processor that supports all resolutions up to and including 1080p/60 plus support for 24fps and 3DTV pass-through. The resulting picture quality is outstanding offering breath-taking clarity and supremely realistic colour rendition.

To support the latest source and display technologies the AVR360 includes HDMI v1.4a including ARC (Audio Return Channel) and CEC (Consumer Electronic Control). This makes the AVR360 a perfect match for the latest video displays having on-board digital TV or Internet TV tuners.

While the AVR360 is a perfect choice for a home cinema in the living room, it also offers a host of features making it ideal for bespoke home theatre rooms. RS232, IR and 12V control interfaces allow the unit to be integrated simply and reliably into even complex installations. Its extremely low 0.5W standby power even means a very low environmental impact while retaining the convenience of remote switch on.

The AVR360 is designed in the UK and will be available in black.



Arcam, Pembroke Avenue, Denny Industrial Centre, Waterbeach, Cambridge CB25 9QR, UK. www.arcam.co.uk
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Technical Specifications

Video Inputs

- HDMI x5
- Component video x3
- S-Video x4
- Composite video x4

Video Outputs

- HDMI x1 - includes audio (see below)
- Component video x1
- Composite video (Zone 2) x2

Audio Inputs

- HDMI x5
- Coaxial Digital x4
- Optical Digital x2
- Line inputs (RCA/Phono) x6
- Multichannel (8x RCA/Phono) x1
- Front line in/digital optical x1 (3.5mm jack)
- USB x1
- Ethernet x1

Audio Outputs

- HDMI x1 (including ARC - Audio Return Channel)
- Pre-amp out (8x RCA/Phono) x1
- Pre-amp out (Zone 2 RCA/Phono) x1
- Headphones output (3.5mm jack) x1

Custom Install Connections

- RS232 control input x1
- iPod control port (for irDock)
- 12V trigger x2 (Zone 1 & 2, 12V, 100mA)
- IR inputs x2 (Zone 1 & 2)

Supported Audio Decoding / Processing

- Dolby TrueHD, Dolby Digital Plus
- Dolby Digital EX
- Dolby Digital
- Dolby Volume
- DTS-HD Master Audio
- DTS, DTS96/24
- DTS-ES (matrix & discrete)
- Dolby Pro Logic IIx Movie, Music, Game
- Dolby Pro Logic
- DTS Neo:6 Cinema, Music

Supported USB/Ethernet Audio Formats

- MP3
- WMA
- FLAC
- AAC with DRM10 support

Analogue Inputs

- Input sensitivity 1V-4V (user adjustable)
- Input impedance 47Kohm
- Signal to noise ratio (CCIR, 65W) -100dB

Power Amplifier (20Hz-20kHz at 0.1% THD)

- Output power 90W p/c (2 channels driven)
- Output power 75W p/c (7 channels driven)
- THD at 3dB below max power < 0.2%
- Residual noise & hum < 0.3mV

Pre-amplifier Output

- Maximum level 6V RMS
- Output impedance <50ohm
- THD+N (20Hz-20kHz) -100dB

Analogue Video

- Component video input signal/noise 85dB
- Composite video input signal/noise 70dB

Headphones Output

- Max output level 4V p-p
- Output impedance <5ohm

Power Consupmtion

- Maximum 1.5KW
- Idle (typical) 100W
- Standby <0.5W

Supplied Accessories

- CR102 Eight page backlit learning remote
- Setup microphone
- Owners manual
- Power cord
- DAB/FM/AM Radio antennas

Weights

- 15.5Kg (34.2lbs) net
- 20.0Kg (44.1lbs) packed

Dimensions

- Width: 435mm (17.3”)
- Depth: 440mm (17.3”)
- Height: 172mm (6.7”)



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