

# AVR550 & 850

Atmos Receivers

# ARCAM

- Dolby Atmos 7.1.4 decoding, DTS:X ready
- 4K (UHD) HDMI2.0a with HDCP2.2
- 7 HDMI inputs, 3 HDMI outputs, ARC compatible
- Dirac Live® for Arcam room correction
- Spotify® Connect enabled
- 7 channel high performance amplifier on board
- Class G power amplification (AVR850 only)
- Ethernet, RS232 and IR control
- Free MusicLife iOS UPnP and control app

As one of the very few audio specialists in the world to design AV receivers, Arcam has developed a reputation for balancing a finely honed technical specification with world class audio performance. The AVR550 & AVR850 are, quite simply, the highest performing AV receivers Arcam has ever made.

Offering a level of sound quality that is far above competing receivers, these AVRs are audiophile products by any measure. Equally at home with high resolution surround sound or two-channel music, they deliver stunning realism with everything from heavy-weight blockbusters to your favourite concert video.

Further enhancing the performance of the new AVR550 and AVR850, Arcam has also included the very latest room correcting technology from Dirac Research. Dirac Live® for Arcam gives the dealer the ability to tune the acoustic performance of the system to any room situation giving the listener the best possible experience in their own home.

Together with Arcam's legendary amplifier technology, Dolby Atmos delivers captivating sound that places and moves audio anywhere in the room, including overhead, to bring entertainment alive all around the audience. Whether you are listening to music, movies, television shows or playing your favourite video games, Dolby Atmos delivers the full impact of the entertainment experience. Note: for a 7.1.4 system, an additional 4-channel amplifier (or two 2-channel power amplifiers) is required.

Both video and audio stages are designed to embrace both current and upcoming technologies. HDMI2.0a with HDCP2.2 4K "Ultra HD" and 3D video capability are built in.

An internal tuner provides a fully integrated FM / DAB / DAB+ (in appropriate markets) radio solution. Worldwide access to internet radio stations is provided through the network connection, which also interfaces to UPnP audio servers. The USB port supports memory devices.

Control is possible via Ethernet, enabling it to be fully integrated with whole house control systems, or via the iOS MusicLife UPnP/control app. RS232, 12V triggers and standard IR control are also included.

The AVR550 & AVR850 are designed in the UK.

“Delivers moving audio that fills the room with breathtaking **detail & control!**”

Charlie Brennan - CEO, Arcam



Available

**Q4 '15**

Arcam, The West Wing, Stirling House, Waterbeach, Cambridge CB25 9PB, UK. [www.arcam.co.uk](http://www.arcam.co.uk)

Preliminary information only. Arcam has a policy of continuous improvement; we reserve the right to change features without notice. E&OE 2015

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## Continuous power output, per channel, 8Ω/4Ω (AVR850)

2 channels driven, 20Hz - 20kHz, <0.02% THD - 120W/200W

2 channels driven, 1kHz, 0.2% THD - 130W/210W

7 channels driven, 1kHz, 0.2% THD - 100W/180W

Residual noise & hum (A-wtd) - <0.15mV

## Continuous power output, per channel, 8Ω (AVR550)

2 channels driven, 20Hz - 20kHz, <0.02% THD - 110W

2 channels driven, 1kHz, 0.2% THD - 125W

7 channels driven, 1kHz, 0.2% THD - 90W

Residual noise & hum (A-wtd) - <0.15mV

## Audio Performance (Stereo line inputs)

Signal/noise ratio (A-wtd, stereo direct) - 110dB

Frequency response - 20Hz—20kHz ± 0.1dB

## Video Inputs

HDMI - x7, 1 MHL compatible

## Video Outputs

HDMI - Z1 x2 (ARC Compatible), Z2 x1

## Audio Inputs

HDMI - x7, Coax SPDIF - x4, Toslink - x2, RCA Phono - x6, 3.5mm aux, USB input, Ethernet Client, Internet Radio, ARC (from display)

## Audio Outputs

7.1.4 Pre-amp output - 12x RCA Phono

Zone 2 output - RCA Phono

## Radio Tuner

FM / DAB / DAB+ (in appropriate markets)

## Supported Surround Modes Include

Dolby Atmos, Dolby Surround

DTS-HD Master Audio, DTS-ES 6.1 Discrete, DTS-ES 6.1 Matrix, DTS 5.1

## General

12V Trigger x2

IR in x2

6V rSeries PSU x1

Power consumption (max) - 1.5kW (approx. 5200 BTU/hour)

Power consumption (standby) - <0.5W

## Dimensions & Weights (AVR850)

W x D (inc. speaker terminals) x H (inc. feet) - 433 x 425 x 171mm

Weight (net) - 16.7kg

Weight (packed) - 20.0kg

## Dimensions & Weights (AVR550)

W x D (inc. speaker terminals) x H (inc. feet) - 433 x 425 x 171mm

Weight (net) - 15.5kg

Weight (packed) - 18.8kg

## EAN/UPC code (AVR850)

5 060133 602521

## EAN/UPC code (AVR550)

5 060133 602514

