

# AVR31

HDMI 2.1 Class G AV Receiver

# ARCAM



## Features

- 16 Channels of Dolby Atmos, DTS:X & Auro-3D decoding
- 7 HDMI inputs, 3 HDMI outputs inc Zone 2, eARC compatible
- HDMI 2.1 with HDCP2.3
- All inputs support 8K@60fps and 4K@120fps
- Supports Dolby Vision, HDR10+, HDR10 and HLG
- Includes Dirac Live® room correction
- Ready for Dirac Live Bass Control\*
- Dual ESS 9026PRO audiophile DACs with ESS reference voltage regulators
- 7 Channels of high power Class G amplification
- Wi-Fi / Ethernet, RS232 and IR control
- Google Chromecast® built-in for streaming audio
- Apple® Airplay2
- Bluetooth aptX®HD
- Free MusicLife iOS and Android UPnP app
- Supports MQA
- Roon Ready

\* purchase a license at <https://www.dirac.com/online-store/>

## Rich Musicality + Immersive Sound = Stunning Realism

The AVR31 is a high-power, audio/visual receiver that delivers stunning realism for the ultimate home cinema experience. With native 16-channel decoding of immersive audio from Dolby Atmos, DTS:X and Auro-3D, the AVR31 can deliver incredible theatre experiences.

The Arcam AVR31 is designed with a passion for music and movies, bringing both to life with high fidelity and dynamics. The AVR31 features an over engineered toroidal transformer for real world power with low noise. The 7 channels of Class G amplification are based upon those in Arcam stereo amplifiers, guaranteeing musicality otherwise not heard from other AV receivers.

The performance and musicality can be assured with Dirac Live® room optimisation included, and accessed instantly with integrated streaming using Apple® Airplay2, Google Chromecast®, Bluetooth with aptX®HD, Spotify Connect, Tidal Connect and UPnP with the MusicLife app.



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## Continuous power output, per channel, 8Ω/4Ω

2 channels driven, 20Hz - 20kHz, <0.02% THD	120W/200W
2 channels driven, 1kHz, 0.2% THD	140W/220W
7 channels driven, 1kHz, 0.2% THD	100W/180W
Residual noise & hum (A-wtd)	<0.15mV

## Stereo Line Inputs

Maximum input	4.5V rms
Nominal sensitivity	1V, 2V, 4V (user adjustable)
Input impedance	47kΩ
Signal/noise ratio (A-wtd ref 100W) normal/stereo direct	100dB/110dB
Frequency response	20Hz—20kHz ± 0.2dB

## Preamplifier Outputs

Nominal output level	1V RMS (max. 5V RMS)
Output impedance	560Ω
THD+N (20Hz—20kHz)	-100dB

## Headphone Output

Maximum output level into 32Ω	5Vrms
Output impedance	<100Ω

## General

Mains voltage	110–120V or 220–240V, 50–60Hz
Power consumption (maximum)	1.5kW (Thermal dissipation approx. 5200 BTU/hour)
Power consumption (idle, typical)	100W (Thermal dissipation approx. 350 BTU/hour)
Power consumption (standby)	<0.5W
Dimensions W x D (including speaker terminals) x H (including feet)	433 x 425 x 171mm
Weight (net)	18.1kg
Weight (packed)	21.4kg
Supplied accessories	Mains lead Remote control with 2 x AAA batteries Quick Start Guide (full manual online) DAB/FM aerial 3 x Wi-Fi/Bluetooth antennas Calibration microphone USB cable
EAN	6925281994517

