

Decoding / Encoding

Maximum Channel Count: 16

Reassignable Channels:

All channels (Subwoofers into CH4 & 11-16 only)

Supported Decoding and Encoding:

Dolby Atmos, Dolby TrueHD, Dolby Atmos Height Virtualisation, Dolby Surround

DTS:X, DTS HD Master, DTS Neural:X, DTS Virtual:X

MPEG H

IMAX Enhanced

AURO-3D, AURO-2D

HDMI

Inputs/Outputs: 7/3 (Zone 1 outputs = 2, Zone 2 outputs = 1)

HDMI/ HDCP Versions: 2.1a/2.3

Resolution support (resolution/framerate):

Up to 8K/60Hz or 4K/120Hz

Supported Dynamic Range Profiles:

HDR, HDR10, HDR10+, HDR10+ Gaming, Dolby Vision, HLG

Supported HDMI features:

Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), CEC, eARC/ARC (Zone 1, Output 1)

On Screen Display

Streaming

Works with (apps):

ARCAM Radia Control, Spotify Connect, Tidal Connect, Qobuz Connect, Roon (Ready)

Works with (services):

Apple Airplay, Google Cast ARCAM Radia supported services, Internet Radio, Podcasts, UPnP

Supported Hi-res media:

FLAC, WAV (LPCM), MQA, AAC, ALAC, AIFF, MP3, OGG, WMA

Gapless Playback Supported

Supported Hi-res Bit depth: 16, 24

Supported samples rates (kHz): Up to 192 kHz

Frequency response: 20Hz—20kHz $\pm$ 0.05dB

Digital Inputs

Number of inputs (Coaxial/Toslink): 2/2

Supported Sample Rates (kHz):

Coaxial (RCA): 192, 176.4, 96, 88.2, 48, 44.1

Optical (Toslink): 96, 88.2, 48, 44.1

Bit depths (bit) (Coaxial/Toslink): 24, 16

Frequency response: 20Hz—20kHz $\pm$ 0.2dB

Signal/noise ratio (A-wtd, ref. 50W, 0dBFS): 100dB

Analogue Inputs

Number of inputs: 3 (RCA pairs)

Signal/noise ratio (A-wtd, ref. 50W, 1V input): 100dB

Frequency response: 20Hz—20kHz $\pm$ 0.2dB

Preamplifier Outputs

Number of Outputs RCA/XLR: 16/0

Single-ended (RCA) peak output level per channel: 2V RMS

THD+N (20 Hz to 20 kHz): -100dB

Amplification

Amplifier Channels: 9, Class G

Continuous power output (0.5% THD)

8Ω, 20Hz - 20kHz, 2 channels driven: 125W*

4Ω, 1kHz, 2 channels driven: 200W*

8Ω, 20Hz - 20kHz, 9 channels driven: 100W*

4Ω, 1kHz, 9 channels driven: 150W*

Harmonic distortion @80% power, 8Ω at 1kHz: 0.01%*

General

Mains voltage (V/Hz): 100–120V or 220–240V, 50–60Hz

Max Power consumption: 900W

Max Thermal dissipation: 3070 BTU/hour

Idle Power consumption: 93W

Idle Thermal dissipation: 320 BTU/hour

Standby Power consumption (Default/Low Power): 2W/0.4W

Dimensions W x D (including speaker terminals) x H (including feet): W432 x D459.1 x H170mm

Weight (net): 22.7kg

Weight (packed): 29.4kg

Supplied accessories:

Region Specific Power Cord(s)

Rear panel cowl

Remote control with 2 x AAA batteries

Measurement Microphone

5m USB Cable

Quick Start Guide

Important Safety Instructions

Wireless Specifications

Bluetooth Version: 5.4

Bluetooth Profiles: A2DP Sink/Source, AVRCP, Snapdragon Sound, AAC, LE Audio, Auracast, GATT, VCP, MCP, BAP, CAP

Bluetooth Transmitter Frequency Range and Power:

2,402 MHz to 2,480 MHz <Max 10.73dBm

Wi-Fi Network: IEEE 802.11 a/b/g/n/ac (2.4GHz/5GHz)

2.4G Wi-Fi Transmitter Frequency Range and Power:

2.400 GHz to 2.4835 GHz < Max 17.4dBm

5G Wi-Fi Transmitter Frequency Range and Power:

5.15-5.35GHz, 5.47-5.725GHz, 5.725-5.875GHz, < Max 19.26dBm