

Decoding / Encoding

Maximum Channel Count: 12

Reassignable Channels:

Front, Surround Back, Height Channels

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

HDMI

Inputs/Outputs: 7/2

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 (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 sample 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: 12/0

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

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

Amplification

Amplifier Channels: 9, Class D

Continuous power output (0.5% THD)

8O, 20Hz - 20kHz, 2 channels driven: 100W*

4O, 1kHz, 2 channels driven: 150W*

8O, 20Hz - 20kHz, 9 channels driven: 75W*

4O, 1kHz, 9 channels driven: 90W*

Harmonic distortion @80% power, 8O 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: 59W

Idle Thermal dissipation: 200 BTU/hour

Standby Power consumption (Default/Low Power): 2W/0.3W

Dimensions W x D (including speaker terminals) x H (including feet): W432 x D407.4 x H170mm

Weight (net): 10kg

Weight (packed): 15.7kg

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