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Next

AVA25 (Coming Soon)

AV Amplifier

Elevate Your Listening. Experience music and movies as they were meant to be heard.

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- Overview
- Technical spec

Overview Technical spec

Decoding / Encoding

Maximum Channel Count: 16
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
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 ± 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 ± 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 ± 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 AB

Continuous power output (0.5% THD)

8O, 20Hz - 20kHz, 2 channels driven: 120W
4O, 1kHz, 2 channels driven: 160W
8O, 20Hz - 20kHz, 7 channels driven: 90W
4O, 1kHz, 7 channels driven: 100W
Harmonic distortion @80% power, 8O at 1kHz: 0.005%

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: 87W
Idle Thermal dissipation: 300 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): 21.5kg
Weight (packed): 28.2kg

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

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