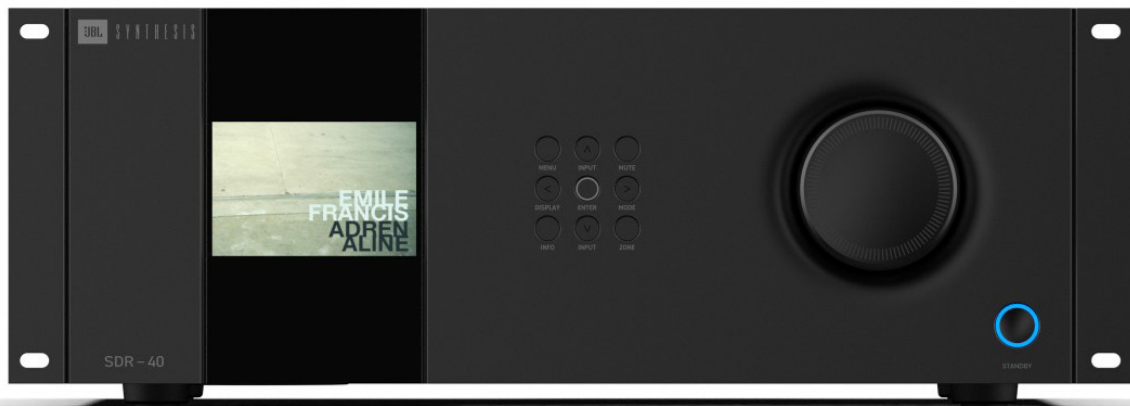


## SDR-40

## SPECIFICATION SHEET



## 16-Channel Immersive AV Receiver

The SDR-40 sets a new benchmark for home theater performance, combining cutting-edge technology with uncompromising power.

Featuring 16-channel processing and nine channels of Class G amplification, it delivers dynamic range and clarity that redefine what's possible in home audio.

A high-performance DAC architecture ensures every note and detail is reproduced with precision, while advanced matrix channel assignment offers unmatched flexibility for custom configurations. Support for Dolby Atmos, DTS:X Pro, IMAX Enhanced, and AURO-3D brings cinematic realism into your home, and Dirac Live room correction optimizes every element for flawless accuracy.

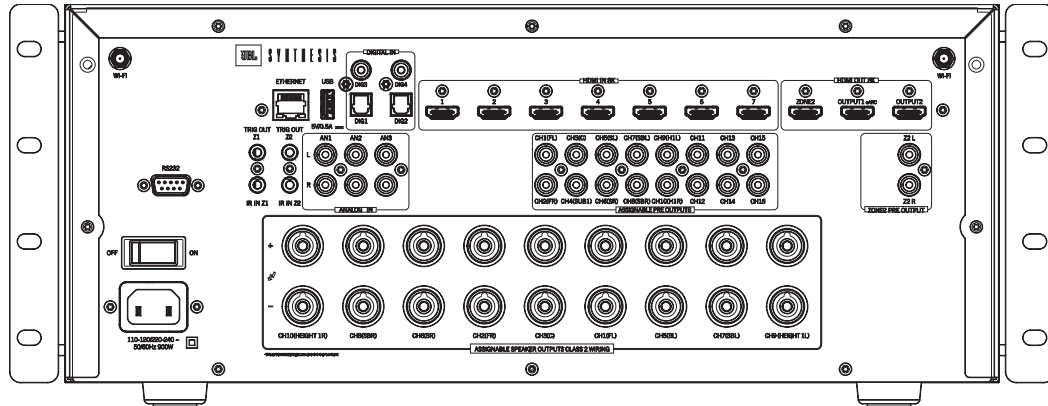
Designed for serious enthusiasts, the SDR-40 transforms any space into a reference-grade listening environment.

With intuitive controls and a sleek front panel display, performance has never been this effortless.

When only the best will do, the SDR-40 delivers.

### Features

- Immersive audio formats: Dolby Atmos, DTS:X Pro, Auro-3D
- Class G Amplification with 9x 100W into 8 Ohms
- Matrix Channel Assignment for the flexibility to assign the surround channels you need for the best performance of your system
- Dirac Live Room Correction
- HDMI and HDMI eARC
- High-resolution display for clearly visible album artwork and metadata
- Supports Apple Airplay, Google Cast, Spotify Connect, Qobuz Connect and Tidal Connect
- Setup with JBL Synthesis App for presets, Internet Radio and Podcasts
- Supports up to 24 bit / 192 kHz Hi-res audio
- Roon Ready



<b>Decoding/Encoding</b>		
Maximum Channel Count	16	
Reassignable Channels	All channels (Subwoofers into CH4/11-16 only)	
Dolby	Dolby Atmos, Dolby TrueHD, Dolby Atmos Height Virtualisation, Dolby Surround	
DTS	DTS:X Pro, DTS HD Master, DTS Neural:X, DTS Virtual:X	
IMAX Enhanced	Yes	
Auro 3D	Yes	
MPEG H	Yes	
Frequency response:	20Hz–20kHz ± 0.05dB	
<b>HDMI</b>		
Inputs/Outputs	7/2 (Zone 1), 1 (Zone 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 (Zone 1, Output 1)	
On Screen Display	Yes	
<b>Streaming</b>		
Works with (apps)	ARCAM Radia, Spotify Connect, Tidal Connect, Qobuz Connect, Roon (Ready)	
Works with (services)	Apple Airplay, Google Cast	
ARCAM Radia supported services (Global)	Internet Radio, Podcasts, UPnP	
Supported Hi-res media:	FLAC, WAV (LPCM), MQA, AAC, ALAC, AIFF, DSD (up to 128), MP3, OGG, WMA	
Supported Hi-res Bit depth:	16, 24	
Supported samples rates (kHz):	Up to 192 kHz	
Gapless Playback:	Yes	
Frequency response:	20Hz–20kHz ± 0.05dB	
<b>Digital Inputs</b>		
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 & Optical (Toslink)	24, 16
Frequency response		20Hz–20kHz ± 0.2dB
Signal/noise ratio (A-wtd, ref. 50W, 0dBFS)		100dB
<b>Analog Inputs</b>		
Number of inputs		3x RCA pairs
Signal/noise ratio (A-wtd, ref. 50W, 1V input)		100dB
Frequency response		20Hz–20kHz ± 0.2dB
<b>Preamplifier Outputs</b>		
Number of Outputs XLR/RCA		0/16
Single-ended (RCA) peak output level per channel		2V RMS
THD+N (20 Hz to 20 kHz)		-100dB
<b>Amplification</b>		
Amplifier Channels		9, Class G
<b>Continuous power output (0.5% THD), per channel</b>		
8Ω, 20Hz - 20kHz, 2 channels driven		125W
4Ω, 1kHz, 2 channels driven		220W
8Ω, 20Hz - 20kHz, 9 channels driven		100W
4Ω, 1kHz		150W
Harmonic distortion, 80% power, 8Ω at 1kHz		0.002%
<b>General</b>		
Mains voltage		100-120V/220-240V 50/60Hz
Power consumption (maximum)		900W
Dimensions W x D (including speaker terminals) x H (including feet)		432 x 466.6 x 186mm
Weight (net)		25.3 kg
Weight (packed)		30.1 kg