

Connection	
HDMI®	3x input (4K, 3D, HDR, HDCP2.2, CEC) 1x output (eARC, 4K, 3D, HDR, CEC)
Optical Input	1x S/PDIF TOSLINK
Coaxial Input	2x S/PDIF RCA
Analogue Input	1 (Stereo) RCA
Subwoofer Out	1 (Mono) RCA
Speaker outputs	6 (5 Channel Full Range, 1x Subwoofer)
USB	USB A (Service)
LAN	100 Base-TX / 10 Base-T (RJ45)
Mains	IEC 8 (100-240V~, 50/60Hz, max. 400W)
HDMI®	
HDMI® Audioformat	Dolby Atmos®, DTS-HD® Dolby® True HD, DTS-HD® HRA (High Resolution Audio) Dolby Digital Plus™, DTS® Express (DTS® Low BitRate) Dolby® Digital, DTS® Digital Surround, PCM (2-8 channel, 8-24Bit, 44,1-192kHz)
Post Processing	
Virtualizer	Dolby® Surround
Surround Upmixer	Dolby® Surround
Supported video formats	640x480/60 Hz 720x480 /60Hz 720x576 /50Hz 800x600 /60Hz 1024x768 /60Hz 1280x720 /50, 60Hz 1280x1024/ 60Hz 1920x1080 /24, 30, 50, 60Hz 1920x1200 /60Hz 3840x2160 /24, 25, 30, 50, 60Hz
HDMI® Standard / copy protection	HDMI® 2.0b / HDCP 2.2
Other HDMI® features	3D up to 1080p, xvYCC, Deep Colour
supported HDR	HDR10
Wi-Fi	
Wi-Fi Standard	IEEE 802.11 a/b/g/n/ac
Supported security protocols	WEP, WPA2-PSK (AES)
Wi-Fi setup	Google Home App, Apple Airplay2
Supported streaming protocols	Chromecast built-in for Audio, Spotify Connect, UPnP, Airplay2
Supported file formats	MP3 HE-AAC, LC-AAC, OGG, WAV (LPCM), FLAC
Bitrate	max. 24Bit, 192kHz
Max. transmission power	63mW (+18dBm)
Bluetooth®	
Bluetooth® Standard	Vers. 4.1
Bluetooth® Profile	A2DP 1.2, AVRCP 1.3
Supported Codec	SBC
Max. transmission power	10mW (+10dBm)
Smart wireless Network	

Supported Frequencies	521 = 5180MHz 522 = 5210MHz 523 = 5240MHz 581 = 5736MHz 582 = 5762MHz 583 = 5814MHz
RF- Bandwidth	22MHz
Number of audio channel	8
Bitrate	2 Channel 24Bit / 96kHz 3-8 Channel 16Bit / 48kHz
Max. transmission power	7,9mW (+9dBm)
Audio part	
Nom output Power 2 Channel	
1 kHz, 0,1% THD	2x62W,8 Ω 2x100W,4 Ω
1 kHz, 1% THD	2x68W,8 Ω 2x125W,4 Ω
1 kHz, 10% THD	2x85W,8 Ω 2x155W,4 Ω
Nom output Power 4 Channel	
1 kHz, 0,1% THD	4x59W,8 Ω 4x69W,4 Ω
1 kHz, 1% THD	4x65W,8 Ω 4x90W,4 Ω
Music Power Front L/R 8Ω/4Ω	121W/207W
Load impedance	
Nominal	4-16Ω
Minimum	3Ω
Sensitivity/Impedance 1kHz, 100W/4Ω	310mVrms / 47kΩ
Max. input level Analogue input 1kHz, 1% THD	2,4Vrms
Max. output level Sub out	2,3Vrms/600Ω
Signal to noise ratio	101dB
Channel separation (1kHz)	72dB
S/PDIF Audioformats	Dolby® Digital, DTS® Digital Surround, PCM 2-channel
General	
Operating voltage	100-240V~
Operating frequency	50/60Hz
Power consumption	
idle	ca. 10W
Stand By (Eco)	<0,47W
Stand By (Network, LAN)	ca. 6,8W
Stand By (Network, WLAN)	ca. 1,94W
Stand By (Auto)	ca. 7,1W
Stand By (Manual)	ca. 4,5W
Maximum	ca. 400W
Dimensions	
Width	24,5cm
Height	12,0cm
depth	15,4cm
weight	2,64kg