	VSX-531
POWER	
Amplifier Design	*Discrete Direct Energy*
Channels	*5.1*
Power Output: Watts per Channel (20Hz-0kHz,.08%THD@8ohm 2ch Driven)	*80 Watts*
Power Output: Watts per Channel (1kHz,1%THD@6ohm 1ch Driven)	*140 Watts*
Estimated Power Consumption/Standby with HDMI Control off	*210 W/0.45 W (standby)*
HANDHELD AND INTERNET	
AirPlay	-
HTC Connect	-
Made for iPhone and iPod	-
i/Android Remote Control APP	-
Google Cast	-
TIDAL Music Streaming Service Ready	-
Streaming Audio From PC/Network	-
Pandora Internet Radio	-
Internet Radio	-
DECODERS & FORMATS	
Digital Core DSP Engine	*Digital Core Engine with Texas Instruments Aureus DSP*
Audio DACs	*192K/24Bit*
Audio Processing	-
iPod Digital Audio	-
Music File Playback	*48kHz / 16-Bit MP3, WMA, ACC Via USB*
High-Definition Copy Protection (HDCP)	*2.2*
Dolby Atmos	-
Dolby TrueHD	*Yes*
Dolby Digital Plus	*Yes*
DTS:X	-
DTS-HD Master Audio	*Yes*
DTS Neural:X	-
DTS Neo:X	-
HDMI SACD Transfer	*2 Channel*
SOUNDFIELD CALIBRATION	
Phase Control	*Yes*
MCACC	-
MCACC Memory	-
Standing Wave Control	-
EQ Bands	-
Symmetric EQ	-
X-Curve	-
Distance Adjustment	*0.1 feet*
Polarity Check	-
uto Subwoofer Crossover	-
LISTENING MODES	
Auto Surround	*Yes*
Stream Direct	*Yes (Direct, Pure Direct)*
Advanced Surround	*10+1*
Wide Surround	-
Front Stage Surround Advance	-
Headphone Surround	-
Virtual Speakers	-
AUDIO FEATURES	
Dialog Enhancement	-
dvanced Sound Retriever	*Yes (2ch)*
DSD Music File	-
Sound Retriever AIR	-
Digital Noise Reduction	-
Tone Control	*2 Channel*
Sound Delay (Lip Sync)	*Yes (500ms)*
Speaker A/B	-
Bi-Amp	-
VIDEO PROCESSING	
4K Ultra HD Pass-Through	*Yes*
4K Ultra HD Video Scaler	-
3-D Ready	*Yes*
Audio Return Channel	*Yes*
HDMI Standby Through	*Yes with Input Switch / Last Memory*
HDMI 36-bit Deep Color	*Yes*
HDMI x.v. Color	*Yes*
Video Processor	-
Video Converter to HDMI	-
DMI to HDMI Video Scaler	-
Component Video Scaler	-
Composite Video Scaler	-
ure Cinema I/P Converter	-
dvanced Video Adjustment	-
3D Noise Reduction	-
Super Resolution	-
CONNECTIVITY	
HDMI Input / Output	*4 In (Rear) / 1 Out*
MHL 2	-
Wi-Fi Built-In	-
Bluetooth Built-In	*Yes*
Wireless Adapter Port	-
Bluetooth Adapter Port	-
Component Video Input / Output	-
Composite A/V Input / Output	*2 In (Coaxial x 1, Optical x 1)*
hone / iPod / USB Memory Input	-
USB Terminal	*Front USB*
Ethernet Input	-
Analog Audio Inputs / Output	*3 In*
ital Audio Inputs / Output	*2 In*
Pre-Amp Output	*.1 ch (SW)*
Headphone Output	*Yes*
Front A/V Inputs	*USB (Audio Only)*
AM/FM Presets	*30*
INSTALLATION	
On-Screen Display	*HDMI Only*
Auto Power Down	*Yes*
Multi-Room and Source Output	-
IR Serial Remote In/Out	-
Multi-Zone On-Screen Display	-
FL Dimmer	*Yes*
Function Rename	-
Remote	*Yes*
Sleep Timer	*30, 60, 90 min.*
CONSTRUCTION	
Front Panel	*Brushed*
Speaker Terminals	*2 large + 3 clip*
DIMENSIONS	
W x H x D (inches) Wi-Fi Antenna's Up	-
W x H x D (inches)	*17.1 x 6.6 x 12.6*
Weight	*17.6 lbs*