A/V Receivers	TX-NR5000E	TX-NR905	TX-SR875	TX-SR805	TX-SR705	TX-SR605	TX-SR505E
High-Definition Features							
Dolby® TrueHD, Dolby® Digital Plus		✓	✓	✓	✓	✓	
DTS-HD® Master Audio, DTS-HD® High Resolution		✓	✓	✓	✓	✓	
HDMI Version	1.0	1.3a	1.3a	1.3a	1.3a	1.3a	Pass-thru
HDMI Inputs/Outputs	2/1	4/2	4/1	3/1	3/1	2/1	2/1
Video Processing	✓	✓ (HQV Reon-VX)	✓ (HQV Reon-VX)	✓ (Faroudja DCDi Edge™)	✓ (Faroudja DCDi Edge™)	✓ (Faroudja DCDi Edge™)	✓
1080p Video Resolution		✓	✓	✓	✓	✓	✓
1080p Video Upscaling		✓	✓				
RIHD		✓	✓	✓	✓	✓	
Amplifier Design							
Dual Push-Pull Amplification		✓	✓	✓			
High Current Low Impedance Drive	✓	✓	✓	✓	✓	✓	✓
H.C.P.S.	✓ (Toroidal)	✓ (Toroidal)	✓	✓	✓	✓	✓
WRAT (Wide Range Amplifier Technology)	✓	✓	✓	✓	✓	✓	✓
VLSC (Vector Linear Shaping Circuitry)	✓ (For all channels)	✓ (For all channels)	✓ (For all channels)				
Non-Scaling Configuration	✓	✓	✓	✓	✓	✓	✓
192 kHz/24-Bit Audio DACs	Wolfson	Burr-Brown	Burr-Brown	Burr-Brown	Cirrus Logic	✓	✓
All Discrete Output Stage Circuitry	✓	✓	✓	✓	✓	✓	✓
Optimum Gain Volume Circuitry	✓	✓	✓	✓	✓	✓	✓
Bi-Amping	✓	✓	✓	✓	✓	✓	
BTL (Bridged Transless or Bridging)	✓	✓	✓				
Home Theater/Network Features							
THX™ Certified	✓ (Ultra2)	✓ (Ultra2)	✓ (Ultra2)	✓ (Ultra2)	✓ (Select2)		
Room Calibration		✓ (Audyssey MultEQ® XT)	✓ (Audyssey MultEQ® XT)	✓ (Audyssey MultEQ® XT)	✓ (Audyssey MultEQ® XT)	✓ (Audyssey 2EQ™)	✓ (Audyssey 2EQ™)
Network Connectivity	✓	✓					
DTS®, DTS®-ES™ Discrete/Matrix, DTS® Neo:6, DTS® 96/24	✓	✓	✓	✓	✓	✓	✓
Dolby® Digital, Dolby® Pro Logic® IIx, Dolby® Digital EX™	✓	✓	✓	✓	✓	✓	✓
HDMI Upconversion	✓	✓	✓	✓	✓	✓	
HDMI Switching	✓	✓	✓	✓	✓	✓	✓
Component Video Upconversion	✓	✓	✓	✓	✓	✓	
Component Video Switching	✓	✓	✓	✓	✓	✓	✓
Component Video Inputs/Output	4/2	3/1	3/1	3/1	3/1	3/1	3/1
32-Bit DSP Chip	✓	TI x 3	TI x 3	TI x 3	TI x 3	TI x 1	TI x 1
Zone 2	✓ (Audio/Video)	✓ (Audio/Video)	✓ (Audio/Video)	✓ (Audio)	✓ (Audio)	✓ (Audio)	
Zone 3	✓ (Audio/Video)	✓ (Audio)	✓ (Audio)	✓ (Audio)			
On-Screen Display	✓	✓	✓	✓	✓	✓	
Crossover Adjustment	✓	✓	✓	✓	✓	✓	✓
A/V Sync	✓ (Up to 300 ms)	✓ (Up to 250 ms)	✓ (Up to 250 ms)	✓ (Up to 250 ms)	✓ (Up to 250 ms)	✓ (Up to 100 ms)	✓ (Up to 100 ms)
Multichannel Inputs	7.1 x 2	7.1	7.1	7.1	7.1	7.1	7.1
Audio & A/V Inputs	3/7	2/6	2/6	2/6	2/5	2/5	2/4
Front-Panel Video Input	✓	✓	✓	✓	✓	✓	✓
S-Video Inputs/Outputs	7/4	6/2	6/2	6/2	5/2	5/2	3/2
Digital Inputs	7 Optical/6 Coaxial	3 Optical/3 Coaxial	3 Optical/3 Coaxial	3 Optical/3 Coaxial	3 Optical/3 Coaxial	3 Optical/2 Coaxial	2 Optical/2 Coaxial
Digital Outputs	2 Optical/2 Coaxial	1 Optical	1 Optical	1 Optical	1 Optical		
USB Port		✓					
i.LINK	✓						
Pre Outs	7 ch	7 ch	7 ch	7 ch	7 ch		
Subwoofer Pre Out	✓ (2)	✓	✓	✓	✓	✓	✓
Other Features							
Phono Input	✓	✓	✓	✓	✓		
Headphone Jack	✓	✓	✓	✓	✓	✓	✓
Speaker A/B Drive	✓	✓					✓
Radio Tuning	Internet/FM/AM	Internet/FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM
Neural-THX® Surround Decoder		✓	✓	✓	✓		
Pure Audio Mode	✓	✓	✓	✓	✓	✓	✓
IntelliVolume	✓	✓	✓	✓	✓	✓	
Tone Control	7.1 ch	7.1 ch	7.1 ch	7.1 ch	L/R	L/R	L/R
Dual Banana Plug-Compatible Speaker Posts	✓	✓ (Customized, gold-plated)	✓	✓	✓	✓	✓ (Except SP-B)
Color-Coded Speaker Terminals	✓	✓	✓	✓	✓	✓	✓
RS232, IR, & 12V Trigger Connectivity	✓	✓	✓	✓	✓		
RI & iPod Dock Connectivity	✓	✓	✓	✓	✓	✓	✓
RI Remote Control	Prepro/Learning/Backlit	Prepro/Learning	Prepro/Learning	Prepro/Learning	Prepro/Learning	Prepro	Prepro
Macro Function	✓	✓	✓	✓	✓		
Color	Silver or Black	Silver or Black	Silver or Black	Silver or Black	Silver or Black	Silver or Black	Silver or Black