This 9.2-channel Onkyo SMART A/V Receiver™ plays the lead role in your whole-home audio experience. Works with Sonos, Chromecast built-in™, AirPlay 2, and DTS Play-Fi™ are enhanced by high-speed 802.11ax Wi-Fi® while speaker outputs with DACs can power D/A audio in three rooms. With nine channels of high-current power on tap, roll up the volume to THX® Certified Select® reference level and wrap your family in 5.2.4 channels of Dolby Atmos® or DTS:X® sound, or feel IMAX® Enhanced® content as the filmmakers intended. Dolby Surround® umpixes legacy sound for height-enabled systems while Dolby Atmos Height Virtualizer creates a 3D sound-field using horizontal speakers. DAA features an upgraded power-train while anti-noise refinements result in a wider soundstage. AccuEQ Advance 9-point calibration eliminates standing waves so audio is expressed naturally. All this and more helps the TX-NR797 shape entertainment to your life.

**AMPLIFIER FEATURES**
- 220 W/Ch THX® Certified Select® DAA system
- SMART AV Receiver Works with Sonos, Chromecast built-in™, AirPlay 2, and DTS Play-Fi™
- Dolby Atmos Height Virtualizer™
- IMAX® Enhanced® certified for IMAX® digital remasters
- Refined HDMI® grounds, SoC board, and power amps
- HDMI Sub/Zone 2 output for a sub-display or projector
- Quad-core SoC supports 802.11ax (2x2 MIMO) Wi-Fi®
- Volume memory-presets for A/V inputs via front panel
- 9 banana-plug-ready screw-type speaker posts
- Zone 2/3 line-out (analog RCA) with Zone 2 DAC connects
- Front to Height speaker switching in Stereo Assign Mode
- Zone 2/Zone B line-out (analog RCA) with Zone 2 DAC, connects compatible audio systems for sync/independent D/A playback (including HDMI/SPDIF), in Main and Zone 2, connects compatible transmitters for wireless headphones
- One-touch volume memory preservation for A/V inputs via front panel
- Supports 2.6-ch Main + Powered Zone 2 + Powered Zone 3 speaker outputs for simultaneous independent D/A audio distribution™
- Stereo Assign Mode supports Height-channel playback
- DSP-based Vocal Enhancer improves dialog audibility
- OSD features media input/output data display function
- HDMI supports 4K/60p, 4K HDR, BT.2020, 2160p (18-bit)
- AccuEQ Advance 9-point calibration with AccuReflex™
- Volume memory-presets for A/V inputs via front panel
- 12 V trigger output (Main, assignable, 100 mA)
- AC power socket for detachable power cord

**ADVANCED FEATURES**
- 9.2-ch amps support 5.2.4-in Dolby Atmos® and DTS:X®
- Dolby Atmos Height Virtualizer creates a 3D sound-field using horizontal speakers
- DAA features an upgraded power-train while anti-noise refinements result in a wider soundstage
- AccuEQ Advance 9-point calibration eliminates standing waves so audio is expressed naturally. All this and more helps the TX-NR797 shape entertainment to your life.
SMART AV Receiver™ makes multi-room easy

SMART AV Receiver is the heart of your home entertainment system. Access streaming content from Amazon Music, Pandora®, Spotify®, TIDAL, Deezer, and many more apps you know and love from your iPhone, iPad, Android™ at the App Store and Google Play. Please confirm device and OS compatibility before installation.

Chromecast built-in with the Google Assistant
Stream any music from your smartphone, laptop, or PC, to the receiver with ease. Control playback with Chromecast-enabled apps you know and love from your iPhone, iPad, Android smartphone or tablet, Mac or Windows® laptop, or Chromecast if you have a smart speaker featuring the Google Assistant, you can cue, play, and control music playback by voice.

Note: The unit may automatically download and apply on-chip features. updates during setup.

Experience IMAX Enhanced
IMAX Enhanced® AV receivers feature DTSS® technology capable of delivering the signature experience, reproducing the full dynamic range of IMAX theatrical sound-mixes available with digitally remastered IMAX Enhanced content. A pre-set IMAX Mode reproduces audio at the highest levels and delivers IMAX Enhanced content as the filmmakers intended. IMAX Enhanced versions of a range of films, from Hollywood blockbusters to documentaries, will be released for 4K HDR streaming and Ultra HD Blu-ray™.

THX® Certified Select™ theater-reference sound
THX Certified Select guarantees the same reference volume level of a commercial theater in rooms where the viewing position is about 10–12 ft. from the screen. To gain certification for reference sound within strict THX® sound-quality parameters, receivers must pass 2,000 bench-tests in 75 categories up 14,000 data points.

Dolby Atmos and DTS:X® – setting sound free
Dolby Atmos and DTS:X map sounds in the movie to their ideal match for a supported wireless transmitter. Listen to movies. DSP technology identifies voice frequencies so you can adjust them using remote-control keys or controls on the front panel.

AccuEQ Advance with AccuReflex™
AccuEQ Advance room acoustic calibration uses nine-point AccuReflex optimizes 3D sound reproduction through height speakers by resolving phase-shift. Enjoy a cohesive 3D sound experience.

Dolby Atmos Height Virtualizer
When playing any Dolby® format, engaging Dolby Atmos Height Virtualizer enables a more immersive listening experience, creating a virtual surround and height effect from your height speakers.

Dynamic Audio Amplification
Reduced over 70 years to deliver emotional high fidelity. DAA features a custom High Current Low Noise Power Transformer. Custom inductors, capacitors, and discrete output stages. Unique topology improves phase-shift while high current improves speaker control for true dynamic speed. Driving 4-ohm loads through all channels, DAA has power to move.

New upgrades reduce noise and boost power
The TX-NR797 adds new refinements that control noise, boost power, and improve performance.

A new 64-bit HD DAC board has shorter signal paths and large, carefully finished grounds for clean audio signals. SoC is isolated to reduce interference noise.

The power-supply line is finished grounds for clean A/V signals. SoC is isolated to reduce interference noise. The power-supply line is finished grounds for clean A/V signals. SoC is isolated to reduce interference noise.

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TX-NR797 9.2-Channel Network A/V Receiver