

TX-L50 5.1-Channel Network A/V Receiver



Envision Series

WHITE BLACK



HDCP 2.2

AccuEQ
ROOM CALIBRATION

Made for

iPod iPhone iPad

The Smart Choice for Stress-free Surround-Sound

There's a path to immersive surround-sound that won't result in a messy living space, and it's called the TX-L50. Slim, smart, and ready to fit into your existing furniture, the receiver cleans up cable clutter by integrating your players into the TV via one HDMI®, and by letting you cast music wirelessly from smartphone apps in seconds. Lush, cohesive sound transforms daily entertainment, from TV shows to LP records, thanks to responsive six-channel amplification. With the addition of a compact speaker set, cinema magic is on tap with simple playback control to help to melt stress away.

HIGHLIGHTS

- Supports 3.1.2-Channel Dolby Atmos®¹ and DTS:X®
- 80 W/Ch of Digital Amplification Power
- Chromecast built-in¹, DTS Play-Fi®¹, AirPlay, Wi-Fi®, and Bluetooth®
- Spotify¹, TIDAL¹, Deezer¹, and TuneIn²
- 4 HDMI® Inputs / 1 Output (4K/60p, HDCP 2.2)
- AccuEQ Room Acoustic Calibration
- FlareConnect™¹ Wireless Multiroom Audio

ADVANCED FEATURES

- 80 W/Ch (4 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
- Chromecast built-in, DTS Play-Fi, Wi-Fi, AirPlay, Spotify, TIDAL, Deezer, and TuneIn
- Bluetooth Wireless Technology (Version 4.1+LE, Compatibility Profile A2DP 1.2/AVRCP 1.4)
- HDMI Supports HDCP 2.2, 4K/60p Ultra HD, 4:4:4 Color Space, HDR (High Dynamic Range), BT.2020 Color, Audio Return Channel, and CEC/CEC Multilink Control for Compatible Components
- Onkyo Controller App for iPhone/iPod touch³ and Android™ Devices^{3,4}

- DTS Play-Fi Shares Music from Onkyo Music Control App to Receiver and Wireless Speakers
- AccuEQ Room Acoustic Calibration with AccuReflex Phase Alignment Technology for Dolby-enabled Speakers
- Advanced Music Optimizer to Improve Compressed Digital Audio Quality
- 480i De-interlacing (480i to 480p) via HDMI
- FlareConnect Multi-room Audio Distribution to Compatible Components and Speakers
- 1080p Video Upscaling to 4K Resolution
- FM/RDS Tuner with 40 Station Presets

AMPLIFICATION FEATURES

- Efficient Six-Channel Digital Amplification System with Independent Power Supply and Discrete Output Stages for Clear and Dynamic Performance
- Supports 192/24 and DSD Decoding for Hi-Res Audio Playback

PROCESSING FEATURES

- HDMI Support for 4K/60 Hz, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby® TrueHD, Dolby® Digital Plus, Dolby® ProLogic™ II, Dolby® Surround, DTS-HD Master Audio™, DTS High Resolution, DTS 96/24, DTS-HD Express, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC/CEC Multilink
- DSD Decoding (2.1-Channel/5.6 MHz, Multichannel 2.8 MHz) via Network, HDMI, and USB
- SACD Playback via HDMI (2.1-Channel/5.6 MHz, Multichannel 2.8 MHz)

- CIRRUS 32-bit Digital Signal Processor
- Listening Enhancement Modes Including Direct Mode, Late Night Mode, and Loudness Management
- Custom DSP Audio Modes for Movies, Music, and Games
- CinemaFILTER™ Audio Mode
- Double Bass Mode

CONNECTION FEATURES

- 4 HDMI Inputs / 1 Output
- 2 Analog Audio Inputs (Rear)
- 2 Digital Audio Inputs (Optical/Coaxial)
- Subwoofer Pre-out
- USB Type-A Input (Front) for Audio Playback via Compatible USB Memory Devices
- MM Phono Input and Equalizer for Turntable Connection (Rear)
- Direct Clip-type Speaker Terminals
- 3.5 mm Headphone Output (Front)

OTHER FEATURES

- Graphical User Interface and Simple Remote Controller
- Tone Control (Bass/Treble) ±10 dB for Front L/R Channels
- A/V Sync Function (500 ms at 48 kHz in 5 ms Steps)
- Sleep Timer and Auto Power Off
- Single-line Dimmable FL Display

¹ Service enabled via firmware update. ² Some services may require a subscription. Service availability may vary depending on region. ³ Requires iOS 8.0 or later. ⁴ Requires Android 4.0.3 or later.



TX-L50 5.1-Channel Network A/V Receiver

Unlock Dolby Atmos® and DTS:X® Playback

Object-based mixing lets sounds play through any speaker independently. Effects move above and around you as in real life. Enjoy movies and games with 3.1.2-channel Dolby Atmos® sound, and DTS:X through any speaker layout, and discover a new sonic dimension.



* Enabled with firmware update.

Surround Enhancer® Mode

Based on technology developed by Dolby Laboratories, Inc., Surround Enhancer Mode augments the object-based soundfield with virtual channels that emulate a 5.1.2-channel Dolby Atmos experience as delivered by a comparable 7.1-channel receiver. With Surround Enhancer Mode, you can enjoy a 5.1.2-channel 3D soundfield easily without need of rear speakers. * Enabled with firmware update.

Powerful Amps for Deeper Immersion in Movies

The receiver's slim form contains an efficient digital amplification system with discrete output stages and independent power supply to deliver clean power to a 5.1-channel speaker system of your choice.

Music Made Easy with Chromecast built-in*

Stream any music from your smartphone, laptop, or PC to the TX-L50 with ease. Control playback with Chromecast-enabled apps you know and love from your iPhone, iPad, Android™ phone or tablet, Mac or Windows® laptop, or Chromebook.



* Enabled with firmware update.

Ready for DTS Play-Fi® Multi-room Audio

DTS Play-Fi allows you to enjoy high-quality music from connected online services, networked media servers, and your device library over Wi-Fi® to any number of compatible products using the Onkyo Music Control App for iPad, iPhone, and Android™ smartphones/tablets. DTS Play-Fi can synchronize the music in every room. Each member of your family can use their own device to listen to their own music in their room or group of rooms. DTS Play-Fi lets you easily structure a comprehensive multi-room ecosystem that satisfies virtually any need. For more information, visit www.play-fi.com.



* Enabled with a firmware update.

Supports TIDAL®, Spotify®, Deezer®, and TuneIn

The TX-L50 supports a variety of streaming services, giving you immediate access to a massive selection of music with easy song selection and control via smartphone apps.

* Service enabled via firmware update.



Delivering Content to Ultra HD TVs

Up to four media players can be connected to the receiver via HDCP 2.2-compliant HDMI® terminals, sending 4K/60p video to the latest displays via a single cable. Signals encoded with BT.2020, 4:4:4 color space, and HDR are passed through to the display for truly stunning pictures.

Surround Sound for Films and Gaming

The TX-L50 decodes multichannel Dolby® TrueHD and DTS-HD Master Audio™ so you get an authentic surround-sound experience as the director intended. Various listening modes are included to optimize different content.

Stream and Control with Intuitive Remote App

The ability to control music from anywhere in your home is right in your pocket: our free Onkyo Controller app gives quick access to inbuilt streaming services and lets you control playback from anywhere within range of the home network.



FlareConnect™ Wireless Multi-room Audio

FlareConnect® shares audio from network and external audio input sources between compatible components. Enjoy effortless multi-room playback of LP records, CDs, network music services, and more with supported components and speaker systems. Music selection, speaker grouping, and playback management across the home are built into the Onkyo Controller app**.



* Sharing audio from external inputs is enabled with a future firmware update. External audio inputs supporting FlareConnect may differ depending on model. Please consult individual product specifications for more information. ** Download free from the App Store or Google Play.

AccuEQ Room Acoustic Calibration

In moments, AccuEQ measures and analyzes sound output from your speaker layout and corrects the response for beautifully clear and cohesive surround-sound in your listening space, no matter the shape or size.



Wi-Fi®, AirPlay, and Bluetooth® Technology

Dual-band 5 GHz/2.4 GHz Wi-Fi assures a stable connection so you can stream over AirPlay and the local network. Bluetooth wireless technology provides a quick and simple streaming from your choice of app and device.



SPECIFICATIONS

Amplifier Section

Power Output	80 W/Ch
All Channels	(4 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
THD+N (Total Harmonic Distortion + Noise)	1% (Rated Power)
Input Sensitivity and Impedance	200 mV/47 kΩ (Line) 6 mV/47 kΩ (Phono MM)
Rated RCA Output Level and Impedance	1.0 V/470 Ω (Subwoofer Pre Out)
Phono Overload	30 mV (MM, 1 kHz, 1%)
Frequency Response	10 Hz-40 kHz/+1 dB, -3 dB
Tone Control	±10 dB, 90 Hz (Bass) ±10 dB, 7.5 kHz (Treble)
Speaker Impedance	4 Ω - 8 Ω

Tuner Section

Tuning Frequency Range	FM 87.5 MHz-108 MHz
FM Preset Memory	40 Stations

General

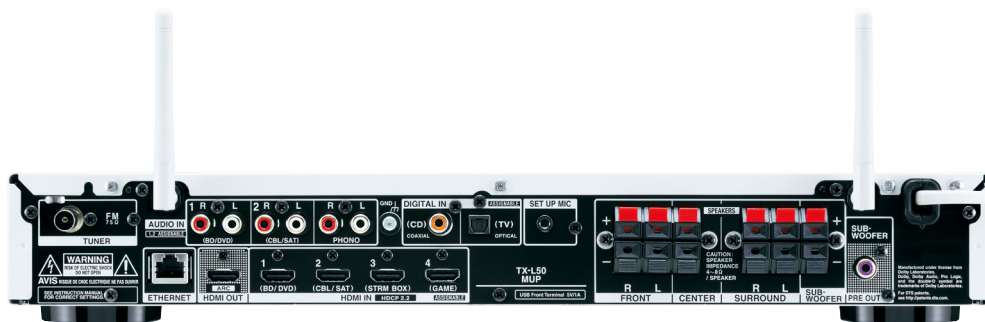
Power Supply	AC 100-240V~ 50/60 Hz
Power Consumption	60 W
Standby Power Consumption	0.38 W
Dimensions (W x H x D)	435 x 70 x 325.5 mm
Weight	4.0 kg

CARTON

Dimensions (W x H x D)	564 x 207 x 392 mm
Weight	5.5 kg

Supplied Accessories

- Indoor FM antenna • Setup microphone for AccuEQ
- Instruction manual • Remote controller • AAA (R03) batteries x 2



TX-L50 Rear View

Text on receiver may vary with region.

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