

TX-L50 5.1-Channel Network A/V Receiver

Envision Series



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

- 80 W/Ch of Digital Amplification Power
- Google Cast™^{*1}, AirPlay®, Wi-Fi®, and Bluetooth®
- Spotify®, TIDAL^{†1}, Deezer^{†1}, TuneIn, and Pandora®^{*2}
- 4 HDMI® Inputs / 1 Output (4K/60p, HDCP 2.2)
- AccuEQ Room Acoustic Calibration
- FireConnect™ Wireless Multiroom Audio

ADVANCED FEATURES

- 80 W/Ch (4 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
- Google Cast™^{*1}, Wi-Fi®, AirPlay®, Spotify®, TIDAL^{†1}, Deezer^{†1}, TuneIn, and Pandora®^{*2}
- Bluetooth® Wireless Technology (Version 4.1+LE, Compatibility Profile A2DP 1.2/AVRCP 1.4)
- HDMI® Supports HDCP 2.2, 4K/60p UltraHD, 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 touch®^{*3} and Android™ Devices^{*4}
- AccuEQ Room Acoustic Calibration Adjusts Speaker Response for Balanced and Cohesive Surround Sound (Setup Mic Included)

- FireConnect™ Wireless Multi-room Capability with Optional Speakers^{*5}
 - 1080p Video Upscaling to 4K Resolution
 - FM/RDS Tuner with 40 Station Presets
- *1 Service enabled via firmware update TBA. *2 Pandora® available in Australia and New Zealand only. 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. *5 FireConnect™ technology is enabled via firmware update. Details TBA. FireConnect™-compatible speakers required. Speakers are scheduled for release. Details TBA.

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



TX-L50 5.1-Channel Network A/V Receiver

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.

Cast with AirPlay®, Wi-Fi®, Google Cast™, and Bluetooth®

Enjoy app-based audio instantly; cast direct from supported smartphone and PC apps to the TX-L50. Multi-room music control is easy with the Onkyo Controller app, and you can also stream from almost any device using Bluetooth® wireless technology.

* Google Cast enabled via future firmware update. Multi-room audio requires optional speakers scheduled for release.



Supports TIDAL¹, Spotify®, Deezer², Pandora², 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.

*1 Service enabled via firmware update TBA. *2 Pandora available in Australia and New Zealand only.



Delivering Content to UltraHD 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.



Supports FireConnect™ Multi-room Audio

FireConnect™ mirrors audio playing through your main entertainment system on wireless speakers placed around the home*. Playback control across multiple zones is baked into the smartphone application.

* Multi-room audio is realized by FireConnect™, a technology by Blackfire Research Corp., USA. Onkyo does not guarantee this product will work with all FireConnect™-compatible speakers. Optional speakers are scheduled for release.



FireConnect™ by Blackfire Research Corp. is a stable wireless protocol that mirrors any audio source connected to the receiver—from vinyl to streaming audio.

Note: Audio sources supported by FireConnect™ are model-dependent.

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.



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 100–240 V~ 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



Text on receiver may vary by region.

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NPR No. 16N29 08/16