

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
- Chromecast built-in¹, AirPlay, Wi-Fi[®], and Bluetooth[®]
- Spotify[®], TIDAL¹, Deezer¹, TuneIn, and Pandora^{®2}
- 4 HDMI[®] Inputs / 1 Output (4K/60p, HDCP 2.2)
- AccuEQ Room Acoustic Calibration
- FireConnect^{™3} Wireless Multiroom Audio

ADVANCED FEATURES

- 80 W/Ch (4 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
- Chromecast built-in, Wi-Fi, AirPlay, Spotify, TIDAL, Deezer, TuneIn, and Pandora
- 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 touch⁴ and Android[™] Devices⁵
- AccuEQ Room Acoustic Calibration Adjusts Speaker Response for Balanced and Cohesive Surround Sound (Setup Mic Included)

- FireConnect[™] Wireless Multi-room Capability with Optional Speakers⁶
- 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 Pandora available in Australia and New Zealand only. Some services may require a subscription. Service availability may vary depending on region. ³ Enabled with a firmware update. FireConnect[™] is a technology based on Blackfire provided by Blackfire Research Corp., USA. Sampling rates of 44.1 kHz and 48 kHz are supported. ⁴ Requires iOS 8.0 or later. ⁵ Requires Android 4.0.3 or later. ⁶ FireConnect[™]-compatible speakers required.



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.

Stream with AirPlay, Wi-Fi®, Chromecast built-in*, and Bluetooth®

Enjoy app-based audio instantly; stream 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.

* Chromecast built-in enabled via firmware update.



Supports TIDAL¹, Spotify[®], Deezer[®], Pandora[®]2, 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. ² Pandora available in Australia and New Zealand only.



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.



FireConnect™ Wireless Multi-room Audio

FireConnect™ mirrors network audio and external analog sources connected to master component—from streaming services to vinyl records—on FireConnect™-compatible speakers in other rooms. Music selection, speaker grouping, and playback management across the home are built into Onkyo Controller app for iOS and Android™.



Note: FireConnect™ is enabled with a firmware update. Sharing audio from external inputs depends on the model and is enabled with a future firmware update. Sampling rates of 44.1 kHz and 48 kHz are supported. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA.

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

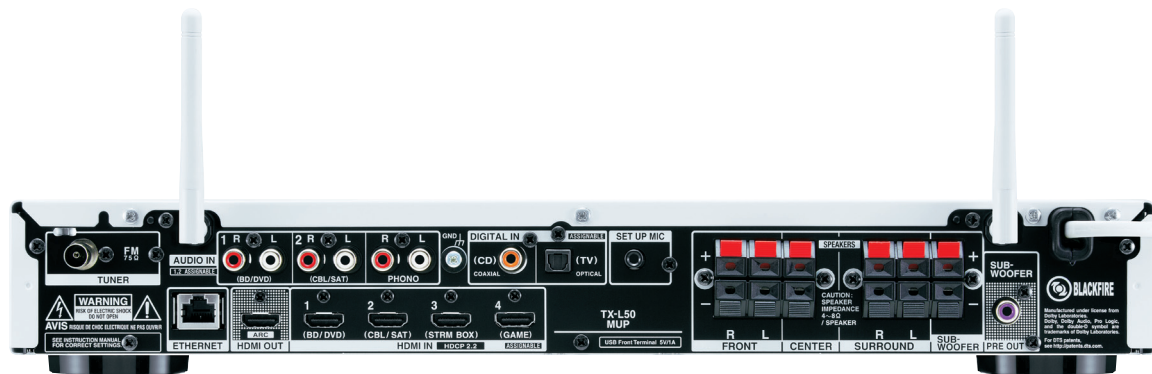
Power Supply	AC 100–240 V~ 50/60 Hz
Power Consumption	60 W
Standby Power Consumption	0.38 W
Dimensions (W x H x D)	435 x 70 x 325.5 mm
Weight	4.0 kg

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 with region.

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