

BLACK **SILVER**



- Audyssey Dynamic EQ® for Loudness Correction
- Audyssey Dynamic Volume® to Maintain Optimal Listening Level and Dynamic Range
- Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu
- Hybrid Standby to Reduce Power Consumption
- Independent Crossover Adjustment for Each Channel (40/50/60/70/80/90/100/120/150/200 Hz)
- A/V Sync Control (Up to 800 ms at 48 kHz)
- Tone Control (Bass/Treble) for Front L/R Channels
- Firmware Updates via Ethernet and USB
- RDS (PS/RT/PTY/TP) (European Model only)
- 40 FM/AM Random Presets
- Bi-Directional, Preprogrammed, and Customizable RI Remote Control with Macro Presets for Four Activities

*1 Availability of services depends on region. Some services may require a firmware update. *2 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. *3 Requires Android OS 2.1 or later.

TX-NR818 7.2-Channel Network A/V Receiver

Wireless Cloud Streaming, Internet Radio, and PC-Based Music

Connecting to your home network using a standard LAN cable, the TX-NR818 makes streaming audio and internet radio easy. You can also play formats including MP3, AAC, Apple Lossless, FLAC, and WMA Lossless stored on your PC through your Onkyo home cinema system. The receiver offers easy access to internet radio channels from Last.fm and vTuner, plus cloud-based music streaming from AUPEO! and Simfy*. Wireless networking is enabled with an optional UWF-1 Wireless LAN Adapter.

*Availability of services depends on region. Some services may require a firmware update.

Mobile High-Definition Link for Smart Phone Movies and Photos

The TX-NR818's front-panel HDMI port is designed for the connection of compatible smart phones and other portable electronic devices using the new MHL™ standard. MHL allows you to display full 1080p video and still images on your HDTV with up to 7.1 channels of surround sound. Use the receiver's remote to control playback from your phone as it receives a handy recharge.

InstaPrevue™ Technology Makes Switching Sources Easy

The TX-NR818 incorporates InstaPrevue visual port management technology, making input source selection easier. InstaPrevue technology provides a live video thumbnail of the available content on your devices connected via HDMI. You no longer have to remember that your gaming console is connected to Port 3, or your Blu-ray player to Port 1, for example—you can see what's playing and choose accordingly.

THX® Select2 Plus™ Certified

THX Select2 Plus certification is specified for rooms where the screen-to-seat viewing distance is three to four meters and the room volume is around 56 cubic meters. To achieve THX Select2 Plus certification, the TX-NR818 had to meet the world's most demanding standards for home cinema audio quality and performance, and play at reference volume levels with minimal distortion.

World's Best Video Processing

Three of the best video processing and enhancement systems are included to guarantee smooth and accurate images on your HDTV.

HQV® VIDA™ VHD1900

The VIDA VHD1900 upscales analog content to 1080p, and enhances native high-definition sources. The chip employs multi-cadence tracking, expanded 12-bit color processing, and four-field motion-adaptive de-interlacing. Auto HQV™ enhances the incoming image, while HQV StreamClean™ cleans up video from lower-quality online sources by eliminating mosquito and block noise.

Marvell Qdeo™ Technology

Qdeo technology upscales 1080p sources to 4K (4096 x 2160)—even content already upscaled from lower resolutions by the HQV video processor. Played back on a compatible 4K display, your high-definition content will look more cinematic than ever.

ISF Video Calibration

ISF (Imaging Science Foundation) video calibration dramatically improves picture quality. Each video input source is independently calibrated to achieve the best possible performance from your connected HDTV.

Note: 4K video playback requires a 4K-compatible TV. HDMI pass-through of 4K content from source devices is not supported. 4K upscaling of analog video is only available at 480i.

Onkyo Remote Apps for iPod touch/iPhone and Android Phone

The Onkyo Remote App 2 for iPod touch/iPhone®¹ and Onkyo Remote for Android phone®² both provide an intuitive way to operate Onkyo network A/V receivers. Control input sources, adjust settings, and play audio stored in a smart phone wirelessly (Android phone only) using the application's interactive graphical display. The two Remote Apps are available separately as free downloads.

*¹ Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. *² Requires Android OS 2.1 or later.

Three High Performance Sound Expansion Systems

A seven-channel system provides a more immersive entertainment experience, with additional High or Wide channels convincing you with realistic directional and ambient effects. Audyssey DSX®, Dolby® Pro Logic® IIz, and DTS Neo:X™ expansion systems offer you freedom to choose your preferred speaker setup. Audyssey DSX can expand 5.1 sources to incorporate Wide or Height channels. The Dolby system adds Height channels and stereo source expansion, while DTS Neo:X offers Wides or Heights with cinema, music, or game listening modes.

Audyssey MultEQ XT32

Audyssey's top-of-the-line room correction suite equalizes the sound to suit the unique acoustics of your listening space. High-resolution filters are applied to all channels—including subwoofers—based on information collected from more than 10,000 individual control points across eight measurement positions.

Innovative Design and Quality Construction

This receiver is built to deliver superb sound quality. Processing equipment and amplifier circuits are housed separately to limit electrical interference, while PLL (Phase Locked Loop) jitter cleaning preserves signal integrity by eliminating digital clock noise. The amplifier's three-stage inverted Darlington circuitry—an enhancement to the core WRAT (Wide Range Amplifier Technology) concept—ensures minimal distortion, and better manages impedance fluctuations. Quality circuitry dovetails with a heavy-duty power supply for instantaneous response to signal gains. The resulting sound is reliably pure, even under heavy loads.

SPECIFICATIONS

Amplifier Section

Power Output	Front L/R	180 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	Center	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
Surround L/R	180 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
	Surround Back L/R, Front High/Wide L/R, or Zone 2/3 L/R	180 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
Dynamic Power	300 W (3 Ω, Front)	250 W (4 Ω, Front)
	150 W (8 Ω, Front)	

THD+N (Total Harmonic Distortion + Noise)

0.08% (20 Hz–20 kHz, Rated Power)

Damping Factor

60 (Front, 1 kHz, 8 Ω)

Input Sensitivity and Impedance

200 mV/47 kΩ (Line)

2.5 mV/47 kΩ (Phono MM)

Rated RCA Output Level and Impedance

200 mV/470 Ω (Line Out)

Maximum RCA Output Level and Impedance

4.6 V/470 Ω (Line Out)

Phono Overload 70 mV (MM, 1 kHz, 0.5%)

Frequency Response

5 Hz–100 kHz/±1 dB, -3 dB (Direct Mode)

Tone Control

±10 dB, 50 Hz (Bass)

±10 dB, 20 kHz (Treble)

Signal-to-Noise Ratio

110 dB (Line, IHF-A)

80 dB (Phono MM, IHF-A)

Speaker Impedance

4 Ω–16 Ω or 6 Ω–16 Ω

Video Section

Input Sensitivity/Output Level and Impedance

Video 1.0 Vp–p/75 Ω (Component Y)

0.7 Vp–p/75 Ω (Component Pb/Cb, Pr/Cr)

1.0 Vp–p/75 Ω (Composite)

Component Video Frequency Response

5 Hz–100 MHz/±0 dB, -3 dB

Tuner Section

Tuning Frequency Range

FM 87.5 MHz–108 MHz

AM 522 kHz–1,611 kHz

530 kHz–1,710 kHz

FM/AM Preset Memory

40 Stations

General

Power Supply AC 220–240 V~, 50/60 Hz

Power Consumption 720 W

Standby Power Consumption 0.1 W

Dimensions (W x H x D) 435 x 198.5 x 435.5 mm

Weight 18.3 kg

CARTON

Dimensions (W x H x D) 587 x 337 x 553 mm

Weight 22.0 kg

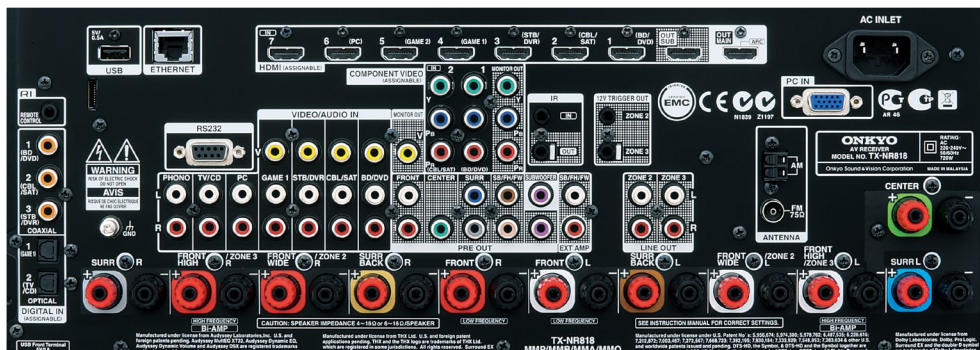
Supplied Accessories

• Indoor FM Antenna • AM Loop Antenna • Speaker Cable Labels

• Speaker Set-Up Microphone • Instruction Manual

• Quick Start Guide • Remote Controller • AA (R6) Batteries* x 2

*Not included with Chinese model.



Text on receiver may vary with region.

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Onkyo Sound & Vision Corporation Kilahama Chuo Bldg. 2-2-22 Kilahama, Chuo-ku, Osaka 541-0041 JAPAN <http://www.onkyo.com/>
Onkyo Europe Electronics GmbH Liegitzstrasse 6, 82194 Grobenzell, GERMANY Tel: 49-8142-4401-0 Fax: 49-8142-4401-555 <http://www.eu.onkyo.com/>
Onkyo Europe Electronics GmbH (UK Branch) The Coach House, 81A High Street, Marlow, Buckinghamshire SL7 1AB, UNITED KINGDOM Tel: +44(0)1628-473350 Fax: +44(0)1628-401700
<http://www.onkyo.co.uk/>
Onkyo China Limited Unit 1033, 10/F., Star House, No. 3, Salisbury Road, Tsim Sha Tsui, Kowloon, Hong Kong, CHINA Tel: 852-2429-3118 Fax: 852-2428-9039 <http://www.onkyochina.com/>