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Onkyo tx-nr525 review

Every year, home theater receivers need to be refreshed to attract new customers who want to experience the best of today's multimedia technologies. With major breakthroughs in 2013, companies like Onkyo are more focused on bringing lower prices to more features in home theater receivers. The Onkyo TX-NR525 hopes to hit that \$400 sweet spot by offering some features present in the TX-NR515 and TX-NR414 while adding some things too. Onkyo TX-NR525 Design TX-NR525 really looks like something is missing if you compare it to the older TX-NR515. This is because the Onkyo TX-NR525 is more of a successor to the TX-NR414. It's a bit unfortunate, though, because this AV receiver doesn't have an HDMI port on the front like the TX-NR515 does. But what the TX-NR525 has is a mic jack setup that means this budget model has the Audyssey Room Calibration feature. The rest of the front panel layout is mainly the same with its predecessor, so learning how to use this AV receiver shouldn't be so difficult. Instead of the input source knob, you can switch directly to the source by pressing one of the buttons on the other line. There are a few minor improvements on the back of the receiver. With 2 pre-raises, the Onkyo TX-NR525 becomes a 5.2-channel receiver. However, the number of optical audio inputs has been reduced to 1. You still have the same layout of 6 HDMI ports, and they all come with the latest specs that make them suitable for 4K and 3D content. Another noticeable addition to the port is the USB port located on the back. Unlike the USB port on the front of the TX-NR525, the one on the back also adds compatibility with onkyo's AV receiver accessories. Below is the layout of the back panel. Click on the image to enlarge for a clearer view. Onkyo TX-NR525 The rear panel is equipped with 80 watts per channel TX-NR525 pumps and uses wide-angle amplifier (WRAT) technology. It's an exclusive audio enhancement technology that lets subtle sound effects sound more defined while delivering clearer sound effects. WRAT applies to movies, music devices or game consoles, so you can really test the limits of this AV receiver by filling available multi-source HDMI ports. There is another technology called Phase-Matching Bass that helps maintain clarity of mid-range sound levels, including vocals and bass effects. Several of Audyssey's own technologies are incorporated into this AV receiver. Most important is the Audyssey MultEQ, which uses special room correction enhancements to balance audio with a microphone. We recommend that you calibrate the system first so that the speakers sound their best in their current positions. Other Audyssey technologies, including dynamic EQ and dynamic volume, support decent sound by maintaining bass, surround sound effects, and volume levels. There aren't that many things that are special about 5.2-channel receivers, but the Onkyo TX-NR525 has something a little unique to its price point. The TX-NR525 is equipped with zone 2 line output so you can distribute audio to another room. Just note that the speakers in zone 2 are not powered by the receiver's internal amplifier. You will need powered zone 2, which is present in more expensive entry-level models. With 2 USB ports instead of 1, you can connect your iPod or iPhone to the front or back of the receiver, where you can enjoy music files in a direct digital connection. This keeps the signals clear and thus increases the playback quality quite a bit. It's important to know because the Onkyo TX-NR525 doesn't include any AirPlay features, so the only option would be to add your Apple TV to your home theater settings if you really need that feature. If you want to add a wireless feature to your receiver, you can also purchase a wireless LAN adapter or a Bluetooth adapter. The nice thing about it is that the price of these adapters is not so high. The TX-NR525 can still serve as a decent network receiver because it supports more online services than similarly award-winning competing models. Get support for Spotify, Pandora, SiriusXM and even TuneIn. It's also possible to stream music from Android and Apple devices, even if you don't get the simplicity airplay has to offer. Like previous models, you can take your Android or iOS device and download the free onkyo remote app to use your smartphone or tablet as a handy remote control. The graphical interface is very friendly and you can do a lot of things with it, such as controlling playback or adjusting settings. Even without this app, the Onkyo TX-NR525 boasts a friendly overlay user interface thanks to a special Quick Settings button to help you change settings or switch inputs without interfering with your favorite programs. InstaPrevue is one of the exclusive features that make Onkyo receivers more joyful. When you switch to another feed, you get a live preview of the video feed. When it comes to energy savings, you can use hybrid energy saving standby to reduce energy consumption while making input sources available. It's not exactly a revolutionary feature, but it's good to have it anyway, because the entry level of the TX-SR313 lacks it. Bottom line There's nothing revolutionary about this 2013 budget receiver, but that's fine. Onkyo can still hold its place with exclusive features like InstaPrevue and its great network support. It's a shame that AirPlay is still missing features because other receivers offer it, but only iPhone, iPad and iPod Touch owners will be affected by the omission. what matters most though is the fact that the TX-NR525 is a pretty exceptional performer, especially if you're into Blu-ray content or gaming. Don't expect any video enhancements or upscaling features, but the surround sound is pretty decent and you get pretty good results if you take the time to calibrate your system. Available on Amazon Onkyo TX-NR525 is a receiver with dolby truehd support and DTS-HD Master Audio. In addition, it can perform 3D video, and the actual image is complemented by high-quality color rendering. Design The front panel is full of volume knobs and different buttons, but their number does not deter them, because they are the same color as the chassis. Here you will find the Music Optimization button, approaches to listening and tuning modes, AUX input, phone input and 3.5mm headphone jack. The large LCD display demonstrates all the procedures performed. The volume control is quite sensitive (the smallest movement changes the volume level). The mounting quality is fine; because there are no cracks on the body frame and all the elements are solid (even 4 racks do not have a rubbery smell). Onkyo TX-NR525 works with 4K Ultra HD signal when playing video over HDMI and scales incoming signals to 1080p resolution. It has InstaPrevue (visual display of all active HDMI inputs) and hybrid standby mode (with HDMI inputs on and ethernet port in standby mode). Bluetooth and Wi-Fi wireless technologies are available (using optional UBT-1 and UWF-1 network adapters) that provide a high level of quality in streaming audio files from smartphones. A good addition to the possibilities of the device is an AM / FM tuner with 40 preset stations. Performance Thanks to decent Onkyo TX-NR525 specifications, the receiver is able to play FLAC and WAV formats with parameters up to 24bit / 192kHz from both USB storage media and network connection. Pandora, Spotify and Sirius will get up and running quickly and do not freeze during operation. Image quality is excluded and really demonstrates realistic colors. Sound quality Its high quality sound is good most of the time, but there is one caveat. When the Onkyo TX-NR525 stereo receiver is used with floor speakers and plays at maximum volume, a strong distortion appears (after 3 minutes of listening), so I have to lower the volume. In most cases, the sound is made without demands. The top notes sound bright, while the bass is solid and delivers the desired groove. Connectivity Overview Onkyo TX-NR525 shows that it is equipped with 6 line inputs (5 of which are for AV sources), digital audio inputs, linear outputs 2.1 for sounding second zone and output for connecting headphones. 6 HDMI inputs have the ability to transmit 4K video. on the front and rear panel. You can connect the iPod / iPhone in the front USB, the signal from which it will be digitally transmitted. Android devices can be connected via the USB port on the back. Setting up the User Interface is intuitive and simple. Just press the Home button on the remote control and a menu will appear on the screen offering basic receiver options: network services, USB, configuration, firmware updates, etc. You can assign image output to one or two monitors and set the image resolution using video settings. Audyssey MultEQ can help you perform basic setup procedures in an automated manner. The Conclusion Av receiver Onkyo TX-NR525 has impressive connectivity options and simplifies the setup process through the Audyssey MultEQ. Its streaming services work smoothly, but the sound at maximum volume is not perfect. © 1996-2014, Amazon.com, Inc. or its affiliates 1Description2Wireless- & Bluetooth-Ready3HDMI for high-resolution Play4Wide Range Amplifier Technology5A more advanced digital-to-analog converter6Clear sound for your mobile music7High-Quality Internet Music8Quick & Easy Remote App9Deep, Defined, Powerful Bass and Clear Vocals10Audyssey MultEQ (Automatic Calibration of Speakers with Microphone) 11Audyssey Dynamic EQ12Audyssey Dynamic VolumeSee your entertainment experience with the 5.2-channel Onkyo TX-NR525 receiver. This full-power system is equipped with WRAT (wide-range amplifier technology) technology, which uses low negative feedback and a closed ground loop circuit to reduce noise and signal distortion. Phase bass also improves sound clarity by optimizing low-frequency audio output. This 3D-ready system delivers lossless, high-resolution audio using Dolby TrueHD and DTS-HD Master Audio formats. These formats are transmitted by 6 HDMI inputs that also support 4k up-scaling and pass-through. A single output comes with an audio return channel that allows you to amplify the volume of the TV through the receiver. The system also features 2 USB ports that can be connected to any Apple device or mass memory for instant audio playback. The USB port provides direct digital signal and cleaner sound quality. The remote control app on your TX-NR525 lets you watch playback, edit settings, and process content on your home theater system via Apple or Android devices. And it also allows you to stream audio from your iPhone or Android device directly to the receiver. With the free app, you can connect this receiver to your home network for Internet radio and music streaming. With aptX and Bluetooth 3.0 improvement code, the UBT-1 adapter (sold separately) offers wireless audio quality close to CD audio quality. Simply connect it to a USB port and send audio from a range of electronic devices, including phones, tablets and portable TX-NR525's six HDMI inputs appeal to surround sound formats Dolby TrueHD and DTS-HD Master Audio and support 3D video. One output has a reversing sound channel, so you can increase the sound of the TV through the receiver. This receiver also allows 4K signals to pass from the source devices (such as a Blu-ray player) to the appropriate display. Onkyo's exclusive Wide Range Amplifier Technology (WRAT) enhances the sound of your movies, music, and games like never before, from silent passages to booming explosions. This receiver uses the 192 kHz/24-bit TI Burr-Brown DAC for good dynamic performance and better tolerance to clock fluctuations, which translates as clearer, more expressive sound from the speakers. The TX-NR525 features 2 USB ports to connect iPod/iPhone and music-charged mass storage devices. A direct digital connection transmits signals to the receiver in digital format and significantly improves the sound quality. This receiver boasts popular music streaming and Internet radio services that you can view using the free app. You can also stream audio stored on your iPhone or Android device directly to the receiver. The remote Onkyo app for iPod touch/iPhone and Android is a convenient way to control home entertainment from anywhere within wireless range. The application has a clear graphical interface to control playback, adjust settings and process content in multiple zones. Onkyo phase bass optimizes low frequencies while maintaining medium-range clarity. This means that strong bass plays with bright vocals; it won't beat them. MultEQ room correction technology provides clear, balanced and natural sound. Dynamic equalizers maintain consistent bass, tonal, and surround sound effects at different volume levels. Dynamic volume automatically compensates for volume fluctuations, such as during loud commercial breaks. Onkyo TX-NR525 SpecificationsAmplifierNo. channels5.2Power WattsPer Channel: 80W (8 Ω 20 to 20 kHz, 0.7%, 2 Channels Controlled, FTC)ChannelsAll: 100 W (6 Ω, 1 kHz, 0.7%; 2-channel drive)FrontL/R: 80 W (8 Ω, 20 Hz to 20 kHz, 0.7%, 2 channel, FTC)125 W + 125 W (6 Ω, 1 kHz, 0.1%, 2 channel drive, FTC)Center: 80 W (8 Ω, 20 Hz to 20 kHz, 0.7%, 2-channel, FTC)125 W (6 Ω, 1 kHz, 0.1%, 2-channel, FTC)Surround80 W (8 Ω, 20 Hz to 20 kHz, 0.7%, 2-channel drive, FTC)12.5 W + 125 W (6 Ω, 1 kHz, 0.1%, 2-channel, FTC)Dynamic power180 W (3 Ω, 1-channel) 160 W (4 Ω, 1-channel) 100 W (8 Ω, 1-channel)THD & Noise0.08% (20 Hz to 20 kHz, half power)Damping factor60 (front, 1 kHz, 8 Ω)InputImpedance sensitivity200 mV/47 kΩ (line)Output level and impedance rca output level & impedance: 200 mV/2.25 kΩ (line output)Maximum output level RCA & impedance impedance: 2.0 V/2.2 kΩ (line output)Frequency response5 Hz to 100 kHz / +1 dB, -3 dB (DSP bypass)Tone control±10 dB, 50 Hz (Bass)±10 dB, 20 kHz (heights)Signal-to-noise ratio100 dB Impedance6 až 16 ΩVideo01 Vpp / 75 Ω (komponents)0.7 Vpp / 75 Ω (komponenta PB / CB, PR / CR) 1 Vpp / 75 Ω (kompozitni)Komponentni video frekvenční odevza Hz až 100 MHz, -3dBProcessingDecoderDolby: TrueHD, DD PlusDTS: DTS-HDTunerTuning Frequency Range FM: 87.5 MHz až 107.9 MHzAM: 530 kHz až 1.710 kHzFM/AM Přednastavená paměť: 40 stanicConnectivityAudio I/O6/Digitalni audio inputopt/COAX: 1/2Ukaz/O: 5/1Komponent video in/out21Front PanelAV: LR/USBZáklad: Přední (vyrobeno pro iPod / iPhone) a RearHDMI I/O61AnalogPre-out: 2 x SubDirect InputsUSB: iPod readyApplication SupportSupports Onkyo Remote App for iPod Touch/iPhone, a android-poháněl zařízeníInternet Radio SupportedPandora, Spotify, Rhapsody, Sirius / XM, Flákač, last.fm, Aupel, TuneInStreamingAudio z PC/Network: DLNA, domácí médiaWirelessUWF-1 (prodává se samostatně)BluetoothUBT-1 (prodává se samostatně)GeneralPower Supply120 VAC , 60 Hz Power consumption4.2 AStandby Power consumption0.1 WDimenze (W x H x D)17.1 x 6.8 x 12.9 (434.3 x 172.7 x 32 7.6 mm)Weight18.7 lb (8.4 kg)Pack weight InfoPackage Weight23.65 lbBox Dimensions (LxWxH)21.8 x 16.7 x 11.6 11.6

