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## Onkyo ta-r301 stereo 2 head cassette deck operating manual

ONKYO SERVICE MANUAL STEREO CASSETTE TAPE DECK MODEL TA-FI301 C UDC. UD SAFETY-RELATED COMPONENT WARNING COMPONENTS IDENTIFIED BY MARK A ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COM- PONENTS WITH ONKYO PARTS WHOSE PARTS NUMBERS APPEARAS SHOWN IN THIS MANUAL. MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY IN- SULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER. ON KYO. IIIIIIII IIIIIPIIIIIIIIS IZUV AC filH/ i III) or 220V AC: SI/IIIIII/ TA-R301 Ref.

No. 3392 SPECIFICATIONS Track Format: Erasing System: Taps Speed: Wow and Flutter: Frequency Response: S/N Ratio: Input Jacks: Outputs: Motors: Heads: Power Supply Rating: Power Consumption: Dimensions: Weight: racks, Z-channels AC erase 4.8 cm/seo. (L718 itp.s.) 0.07% (WRMS) 20-17,000Hz (Normal) (SO-16.000Hz :SdB) 20-1590on (High) (so-17.0mm: tents) 20-19,000H1 (Metal) (30-18.000Hz iadB) SBdB (metal tape, Dolby NR o") A noise reduction of 10dB above 5kHz and 5dB at (Hz is possible with Dolby B NR. A noise reduction at 20dB at 5kHz is possible with Dolby C NR: Lne IN: 2 Input sensitivity: GOmV Input impedance: sokohms Lne OUT: 2 Standard output level: SOOmV (OdB) Optimum load impedance: over 50 kohms Headphone jack: 1 Optimum load impedance: 8 to 200 ohms DC servo motor: 1 DC motor: 1 REC/PB: Special Hard Permalloyx 1: Erase head: Ferrite x 1 UK and Australian models: AC 240V, 50Hz U.S.A. and Canadian models: AC 120V, 60Hz Worldwide models: AC 120V and 220V switchable. 50 / Gon 17 watts 455(W) x 120(H) x 308(D)mm (17-15/16 x 443/4" x 12-1/8") 5.1 kg. (112 lbs.) Specifications and external appearance are subject to change without notice because of product improvements. The main features of the Onkyo TA-R301 are: 2 heads, digital tape counter with 4 digits, automatic tape type selection and capable of handling normal, chrome and metal tapes, belt driven auto reverse transport. Typical front loading cassette deck with the cassette compartment located on the left side of the deck. Tape eject is operated mechanically and the cassette needs to be placed with the side to be played facing forward in the cassette well. Level meters used on the TA-R301 are generic digital peak reading meters. Full-logic transport controls used on the TA-R301 let it respond to the slightest finger contact for fast and effortless transport function selection. To ensure the best response from the wide variety of tapes available adjustment of, bias, to optimum levels can be performed prior to recording. Dolby C-type used in the TA-R301 provides 20 dB of noise reduction above about 1,000 Hz, fully doubling the amount given by B-type. The Dolby HX PRO system provides precise bias control during recording to reduce distortion and improve linearity in the high-frequency range, the result is recorded sound that is highly faithful to the original. The 19kHz multiplex pilot signal present in FM stereo broadcasts can cause false triggering of the noise reduction system.

The switchable MPX filter of the TA-R301 filters out the pilot signal, and assuring proper Dolby processing of FM stereo programs. For undisturbed listening a jack connector for a pair of stereo headphones is supplied. Connection to other audio components for plaback can be achieved by a RCA cable and recording from a source by a RCA cable. Quick Auto Reverse 2 Motor Logic Control Adjustable Accubias Historic events 1991 Introduction of MiniDisc by Sony 1992 Philips launched the DCC (Digital Compact Cassette) format Manual Library / OnkyoStereo Cassette Tape Deck (1991-95) add a review SpecificationsType: 2-head, single compact cassette deckTrack System: 4-track, 2-channel stereoTape Speed: 4.8 cm/sHeads: 1 x record/playback, 1 x eraseMotor: 1 x DC servo, 1 x DCTape Type: type I, CrO2, MetalNoise Reduction: B, CHeadroom Extension: HX ProFrequency Response: 20Hz to 19kHz (Metal tape)Signal to Noise Ratio: 78dB (dolby C)Wow and Flutter: 0.07%Input: 80mV (line)Output: 0.5V (line)Dimensions: 455 x 120 x 308mmWeight: 5kgYear: 1991 Downloads Related CataloguesHigh FidelityIf you have any problems opening files please read the download FAQ. All files are provided under strict licence and reproduction without prior permission or for financial gain is strictly prohibited.If you have additional documentation please consider donating a copy to our free archive. Historic events 1991 Introduction of MiniDisc by Sony 1992 Philips launched the DCC (Digital Compact Cassette) format 1993 Intel introduces the "Pentium" processing chip. 1994 Launch of Digital Video (DV), a digital video format that has since become a standard for home and semiprofessional video production. 1995 Microsoft releases Windows 95. it is a nice single cassette deck Just found one at Goodwill that looks like it's never been used. I'm testing it now and will report back soon.

It's auto reverse so like 99% of auto reverse decks it will produce azimuth errors from one side to the next but just how pronounced these errors are remains to be seen. I does look very nice though. Last edited: Apr 17, 2017 I've owned one of these for several years. I don't use it that often, but it sounds fine to me, although not quite in the same league as my Nakamichi. The auto reverse no longer works properly on mine; the head only rotates part way and then has to be coaxed back into the forward position. I figure getting my lazy butt off the couch every 45 minutes or so isn't such a bad thing anyway. Cheers, Larry B.

Brand: Onkyo Type: 2-head, single compact cassette deck Track System: 4-track, 2-channel stereo Tape speed: 4.8 cm/s Heads: 1 x record/playback, 1 x erase Motor: Tape Type: type I, CrO2, Metal Noise Reduction: B, C Headroom Extension: Wow and Flutter: 0.07% Distortion: Frequency Response: 20Hz to 19kHz (Metal) Signal to Noise Ratio: 78dB (dolby C) Analogue Inputs: 60mV (line) Analogue Outputs: 0.5V (line) Dimensions: 455 x 120 x 308 mm Weight: 5.1 kg Year: Price: