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You can read the recommendations in the user guide, the technical guide or the installation guide for DENON DP-30L. You'll find the answers to all your questions on the DENON DP-30L in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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DENON

OPERATING INSTRUCTIONS
SERVO-CONTROLLED DIRECT DRIVE RECORD PLAYER

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INSTRUCTIONS D'UTILISATION
DE PLATINE TOURNE-DISQUES
A ENTRAINEMENT DIRECT ET SERVOCOMMANDE

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BEDIENUNGSANLEITUNG
PLATTENSPIELER MIT SERVO-GESTEUERTEM
DIREKTANTRIEB

DP-30L/DP-30L(S)



NIPPON COLUMBIA CO., LTD.



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Manual abstract:

If problems occur, contact your DENON dealer. Do not insert metal objects or spill liquid inside the record player. Do not open bottom cover 3. @1 Model naming Models DP-30L and DP-30L S are different only in the base color. The DP-30L is painted dark brown while the DP30L(S) is painted silver. Except for the base color, all the description about the DP-30L applies to the DP-30L(S) as well. In some countries, either of the above models only is available. The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol W or coloured green or green-and-yellow. The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

FOR YOUR SAFETY (AUSTRALIAN MODEL ONLY) To ensure safe operation, the three-pin plug supplied must be inserted only into a standard three-pin power point which is effectively earthed through the normal household wiring. Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. wrongly wired extension cords are a major cause of fatalities. The fact that the equipment operates satisfactorily does not imply that the power point is earthed and that the installation is completely safe. For your safety, if in any doubt about the effective earthing of the power point, contact a qualified electrician.

Auto-lift mechanism with non-contact record-end sensor The automatic arm lift (auto-lift) mechanism functions in such a way that when a record playback is finished, the tonearm is automatically lifted and the turntable rotation stops. This eliminates worry about unexpected wear of the stylus by leaving record at play. At the end of play, a non-contact record-end sensor senses the velocity change of the tonearm with an opto-electronic transducer, eliminating unnecessary load on the record or stylus, consequently sound quality is not impaired. New material employed for base Newly developed special compound, having larger specific mass and superior vibration damping characteristic than conventional aluminum diecasting is employed for the base. Direct sound pressure from speakers or vibration from floor are isolated and, thus acoustic feed-back is effectively eliminated.

4. Front panel operation provides more flexible operation The operation buttons and controls are arranged outside the dust cover. More over, the speed change-over, start/stop and up/down functions are electrically actuated allowing soft touch button controls. 5. Direct drive system featuring speed detection with magnetic recording and AC motor. The turntable speed is detected by DENON's magnetic recording detection system having numerous features. An AC motor is employed which has less irregularity of torque and much smoother rotation than a DC motor. Superb wow / flutter and rumble characteristics and stable rotation under various load or external conditions have been accomplished. This is the excellent direct drive system DENON proudly presents. 5 **READ BEFORE USE** In order to use this record player in its optimum condition to perform its best, please read this instruction manual thoroughly and acquire full understanding of correct usage beforehand.

For future reference in case of problems, be sure to retain this manual after you read. **ALTERATION OF THE RATED VOLTAGE AND FREQUENCY** The rated voltage and frequency for your set correspond to the main's voltage and frequency used in the country to which it is shipped. (The rated voltage and frequency are shown on the rating label on the set.) If it is necessary to alter the rated voltage and /or the rated frequency, **CONTACT YOUR DENON DEALER.** Handle the detecting head and magnetic coating with care The speed detection head is positioned with a very small gap to the magnetic coating surface Do not for any reason loosen the attaching screws. Also be very careful not to scratch the magnetic coating surface when attaching or detaching the turntable platter to or from the motor shaft. Do not bring a magnet near the magnetic coating nor wipe it with solvent such as paint thinner, trichlene, toluene, or the pulse signal for speed detection will be disturbed and accurate speed cannot be expected. Select a suitable location As much as possible, avoid locations where the turntable is exposed directly to the sun, or where it is moist or dusty. place it on a horizontal position with little vibration. It is also recommended to place the speakers and the record player away from each other.

5. No lubrication needed The motor bearings of this record player are filled with special oil, requiring no further lubrication. 6. In your absence When the set is to be left unused for a long time, be sure to remove the power supply cord from the wall outlet. When moving tonearm To provide high performance, the tonearm of this record player consists of many precision parts.

avoid impacts or twisting. Especially in mounting or removing the head-shell, do not forcibly move the tonearm more than the swing range in up-and-down or rotational directions. 7. Avoid insecticides and chemically treated cloth Avoid insecticides, benzene or paint thinner since they can discolor or deform the cabinet or dust cover. When removing dust, wipe with soft cloth (such as Silicone cloth).

Avoid using a chemically treated cloth since it can discolor or remove the paint. 3. Take care of the turntable platter Do not turn the power ON while the turntable platter is removed, nor forcibly stall the platter. If dust is accumulated on the turntable mat, wash it away with water **PRÉCAUTIONS D'UTILISATION** 1. (2) Speed selection button (Start button at the same Press this button, and the arm lifter ascends and the motor stops. Because of inertia, the platter continues rotation for a while before it stops. (6) Anti-skating knob When this button is pressed, the speed is selected, the platter starts rotation and at the same time the arm lifter lowers. Press buttons, "33" for record at 33-1/3 rpm "45" for record at 45 rpm. (3) Speed control knob In playback of record, an attraction force toward inside of record is introduced at the stylus. This force is varied by adjustment of this knob.

refer to page (14) for adjustment. (7) Counterweight Turn this knob left or right to vary speed. (4) Strobe viewing window Monitor flow of strobe pattern while adjusting the speed. The stylus force applied to the cartridge is adjusted by this weight. 11 **HOW TO ASSEMBLE** Do not connect power supply cord until the assembly is completed. 1. (1) Mounting turntable platter Insert your fingers into the two holes of the turntable platter as shown in Fig. 1 and slowly mount on the motor shaft. For removing the turntable platter pull it up in the same way. Note: The magnetic coating surface (inside part of the rim) must be handled with care so as not to be injured.



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After mounting the turntable platter, place the turntable mat aligning the hole to the motor shaft. (2) 2. @@ 2 with the stylus force scale facing front. While pushing the counterweight, turn it in the arrow direction. @@@@ 3 and following instruction.

@@@@(1) (2) Be sure to make correct connections. Follow the color coding on the lead wires (Fig. 3). @@@@ 4). @@@ 5.

@@ fig. @@@@ @@@@ @@@@ fig. 3 Mounting the cartridge in the head shell 12 4. @@6, align the guide pin with the slot at the tonearm end and insert. Turn the lock nut in the arrow direction in Fig. 6 until it stops and fix the head shell to the tonearm. @@@@ @@@@ Be sure that the power of amplifier is "off". @@ (Fig. @@@@ (2) Plug in the power supply cord to AC receptacle. (Or else, if AC outlet is provided on your amplifier connect the power supply cord thereto, referring to Fig.

8. Make sure at this time that the power capacity of the outlet is sufficient. Adjustment of stylus force Set to the optimum stylus force for your cartridge as follows. If it is used with improper stylus force, mistracking or distorted sound may result. Use the cartridge always at optimum stylus force. (1) (2) (3) (4) (5) (6) (7) (8) (9) Turn the power switch ON (). Press either "33" or "45" speed selection but-ton. Make sure the arm lifter is down and then turn OFF the power switch. Turn the anti-skating knob and set "0" to the reference line as in Fig. 9.

Remove the stylus cover of the cartridge See Fig. 10 and unlock the arm clasper. Hold the finger hook of the head shell (Fig. 6) with your fingers and remove the tonearm from the arm rest. Turn the counter weight to obtain horizontal balance as shown in Fig.

11, taking your fingers off momentarily to check. Note: Carefully and only momentarily remove your fingers to see the balance so that the stylus or tonearm will not be damaged. After the horizontal balance is obtained, return the tonearm to the arm rest and clamp it by the arm clasper. Put the stylus cover as well. Then, being careful not to turn the counterweight, turn only the stylus force scale to bring "0" reading to the reference line.

(This condition gives zero stylus force since the horizontal balance of the tonearm has been obtained.) Lastly, turn the counterweight in the arrow direction and bring the desired stylus force "2 (grams)", for example, on the scale ring to the reference line on the tonearm. (VWhen the counterweight is turned, so is the stylus force scale ring. The number shows the stylus force in grams when turned in the arrow direction alter "0" balance.) Use whatever stylus force setting is recommended for your cartridge. Adjustment of anti-skating Turn the anti-skating knob and set the reading of scale to almost the same number as the stylus force. Read the scale at the reference line. Set to "2" on the reference line in the case of stylus force of 2 grams. 10 Arm clasper Turn the counterweight in the arrow direction in Fig. 9 Horizontally balanced Turn the counterweight in the opposite direction of the arrow in Fig.

(1) Adjustment of arm lifter Turn the power switch ON () and press either of "33" or "45" speed selection buttons. Making sure the arm lifts on conditions of usage, but it is advisable to replace stylus at about every 500 hours of usage. For replacement, remove the head shell from the tonearm, hold the knob as in the figure bellow and gently pull out the stylus. A new stylus should be fixed in the reverse procedure as above and be inserted firmly to the deepest position.

be sure to specify DENON DSN-42 stylus. If other styli are used, the performance and specifications will not be guaranteed. REPLACEMENT OF CARTRIDGE If you wish to use other cartridges, refer to "3. Mounting the cartridge" on Page 10 of the booklet. When the cartridge is replaced, the height of arm lifter must be adjusted. SPECIFICATION FOR THE CARTRIDGE Type: Type No: Output voltage: Channel balance : Channel separation : Compliance: Stylus tip: Frequency response: Weight: Optimum load resistance: Optimum load capacitance: Replacement stylus: MM type stereo cartridge DL-8A 3mV (1KHz 50mm/s horizontal) Within 2dB (1KHz) More than 20dB (1KHz) 8 x 10-6cm/dyne 16.

65 mil, radius tip diamond stylus) Specifications are subject to alteration for improvement. 2 millivolts 1½ to 3 1½ to 3 *The N75-3 stylus may be used to reproduce the standard 78 rpm records. In this case, the amplifier should be set to "Monaural" or "A+B" mode. Can be up to 70,000 ohms with almost inaudible change in frequency response. @@@@ @@@@ cAUTION: Do not make solder connections to cartridge terminals.

@@ MONAURAL OPERATION: For monaural playback of records, the left and right channels should be connected in parallel. This is accomplished most conveniently by setting the function switch on the associated amplifier to "A+B" or "Mono. " SUGGESTIONS FOR CLEANING YOUR STYLUS : To clean the stylus, use a camel's-hair brush (No. 2 size or smaller) dipped lightly in alcohol or alcohol-water solution; grain alcohol is preferred. (WARNING: Commercial record or stylus cleaning solutions may cause corrosion and permanent stylus damage.

) The alcohol will remove any sludge deposits which may have coated the stylus tip. The brush bristles should be trimmed to a length no longer than ¼ inch. ALWAYS brush the stylus with a forward movement from the rear (terminal end of the cartridge) to the front. NEVER brush or wipe the stylus from front to back or side to side. RECORD CLEANING: An effective way to clean a record is to immerse it in a solution of mild dishwashing liquid detergent and lukewarm or cool water (preferably distilled water). Use a lint-free cloth to work the mixture into the grooves, following the grooves around for a thorough cleansing. Then, rinse with clear, cool or lukewarm water (preferably distilled) and dry with a lint-free cloth. Grasp replacement stylus between thumb and forefinger and insert into stylus socket. Press stylus into socket until molded housing of the stylus mates with the cartridge case. Care must be taken not to allow the finger to slip off the molded housing of the stylus, resulting in damage to the stylus tip or shank.

SPECIAL NOTE: The Dynetic stylus assembly used in these cartridges is the most critical component. To maintain the original performance standards of your cartridge, be certain that any replacement stylus you buy bears the following certification on the package: "This Stereo Dynetic stylus is precision manufactured by Shure Brothers Inc. GUARANTEE: This Shure product is guaranteed in normal use to be free from electrical and mechanical defects for a period of one year from the date of purchase. please retain proof of purchase date. This guarantee includes ail parts and labor. This guarantee does not include stylus wear. SHIPPING INSTRUCTIONS: Carefully repack the unit and return it prepaid to the factory. If outside the United States, return the unit to your dealer or authorized Shure Service Center for repair.



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