

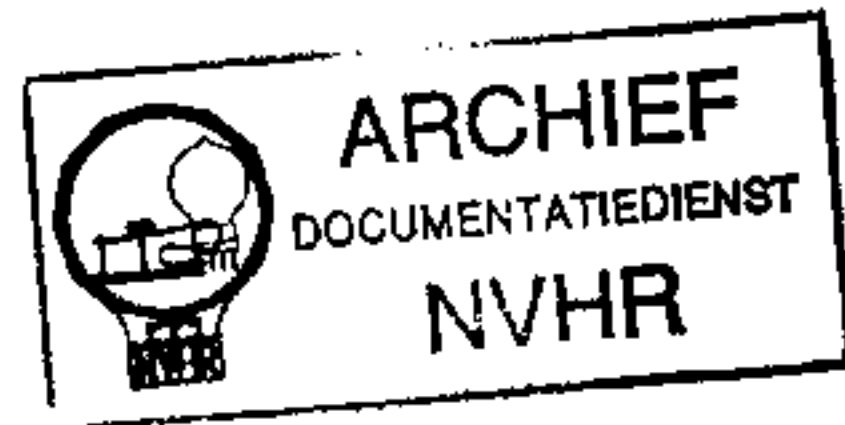
Operating Instructions

REX DELUXE / Stereo Record Changer



Perpetuum-Ebner

Ned. Ver. v. Historie v/d Radio



A STARTING OPERATION

Spring Suspension Lock Screws

The spring suspension of the built-in REX DELUXE Record Changer is locked to eliminate all risks of damage in transit. Therefore, remove the two transport locking screws identified by washers marked in red to have the Changer in operating position.

Adjustment to Existing Line Voltage

The Record Changer is available in a variety of types for one voltage or more. The respective type is precisely indicated on the label under the turntable cover of the Record Changer.

If the Record Changer has to be adjusted to the existing line voltage, this is done by means of the voltage selector which is accessible through the holes in the turntable under the rubber cover.

Adjustment of Radio for Record Reproduction

Switch radio phono control to record reproduction (pickup).

Connection to the Radio

If the Record Changer is incorporated in a Radio Phonograph Console, the pickup connection was made by the manufacturers.

The Record Changer is designed for the reproduction of stereo records. For this purpose, the pickup wiring must be specially connected. It is recommended that you consult your dealer in respect of pickup connection.

Attachment and Replacement of Spindle

When the spindle is attached, the pickup arm must be seated on the pickup arm rest (changing mechanism in rest position). Always depress the starter key before attaching the spindle, and keep the turntable spinning until the pickup arm comes to rest on its detent. Make certain that the marking line on the spindle faces to the right when the spindle is inserted. To fasten the spindle, depress it slightly and turn it through 90 deg. in clockwise direction until the lock engages. Reverse the above procedure to remove the spindle. The spindle supplied is suitable for playing records with a small centerhole. To play records with a big centerhole, our 1 1/2" 45 DL Special Spindle is available through the trade.

Piling up the Records

The phonograph plays ten records, intermixes all records from 6 in. to 12 in. However, only records of same speed should be used in one stack. If only one record is to be played, that record alone should be seated on the spindle.

Adjustment of Speed

The speed is adjusted by means of the selector lever at the front \emptyset end of the pickup arm rest housing. The necessary speed is indicated on any record label.

Adjustment of Sapphire Needles

Changeover is accomplished by turning the changeover knob. The necessary adjustment of the normal sapphire or microsapphire is indicated on the label of the record.

The PE 45 Special Stereo Cartridge for the reproduction of Stereo Records and Monaural Long Playing Records is equipped with only one microsapphire needle which is available through the trade in an attachment pickup arm head.

Starting

Depress the starter key to start the Record Changer. The pickup arm is lifted from its rest, swings in to the rim of the record, indexing the size of the record, and then comes automatically down on the record.

Change Cycle and Interruption

If the starter key is depressed while a record is being played, the pickup arm is lifted off and away from the record and the next record is dropped for playing. To stop playing altogether, lift the pickup arm from the record and replace it on the pickup arm rest where the pickup arm is automatically arrested while the Changer is at the same time cut out.

Automatic Shut-off

After the last record has been played, the pickup arm returns once more to the center of the turntable, but swings out again and back on the pickup arm rest where it is automatically locked and shuts off the phonograph.

Taking off the Records

The records played are lifted off the turntable and the locked spindle.

B GENERAL INSTRUCTIONS

Sapphire Needles - Changing of Needles

The sapphire needles, both in the turnover crystal cartridge and the PE 45 Special Crystal Cartridge for Stereo Records, should be replaced by your dealer.

The sapphire needles are subject to various stresses and thus also to natural wear. The fine points of the needles wear out in the course of time and are ground to a wedge-like shape by the records. This characteristic is dependent on the number of records played and the kind of the record material, too. Records played with steel needles have fine metal chips on their surfaces and are likely to grind down the sapphire needles to a greater extent than new records. Sapphires ground to such a wedge-like shape fail to give a perfect reproduction; it is particularly the highs that are missing and there is distortion, too. The sapphire needles used in our cartridges are excluded from replacement under our warranty. All sapphire needles are thoroughly checked in our factory before they are installed. Do not hesitate to have your sapphire needles replaced by your dealer as soon as you note a deterioration in tone quality.

Remember that PE sapphire needles must be used in your PE Phonograph to obtain the best of tone quality.

Servicing the Phonograph

The motor should be oiled after some 1,000 hours of operation. No oil other than PE Spezial Oil must be used for this purpose. Your dealer will be glad to do the servicing for you. Make sure that the motor pulleys, driving belts, friction wheel and the inside rim of the turntable are kept free from oil and grease to prevent irregular running. Use a piece of linen soaked in gasoline for cleaning jobs.

Please observe the following points:

In the course of time, dust is liable to accumulate in the grooves of the records. This dust is picked up by the sapphire needles when the records are played. It is advisable, therefore, to give the needles an occasional brush with a pencil or soft brush.

We are convinced that you will enjoy having this PE Record Changer, if you treat it properly.

