

GARANTIE TOTALE D'UN AN

Shure Brothers Incorporated ("Shure"), 222 Hartrey Avenue, Evanston, Illinois 60204, garantit ce produit à son propriétaire, en utilisation normale, contre tous défauts de fabrication ou de matériaux, pendant une période d'un an à partir de la date d'achat. Conservez votre preuve d'achat. Shure n'est responsable d'aucuns dommages indirects. Si ce produit Shure présente un défaut comme précisé ci-dessus, remballiez-le soigneusement et renvoyez-le en port payé à:

Shure Brothers Incorporated
Attention: Service Department
1501 West Shure Drive
Arlington Heights, Illinois 60004

Si vous n'êtes pas aux U.S.A., renvoyez-le à votre revendeur ou au représentant officiel Shure, pour réparation. Ce produit sera réparé ou remplacé rapidement. S'il ne peut être réparé ou remplacé, vous pouvez opter pour un remboursement. Cette garantie ne couvre pas l'usure des pointes de lecture.

FULL ONE-YEAR WARRANTY

Shure Brothers Incorporated ("Shure"), 222 Hartrey Avenue, Evanston, Illinois 60204, warrants to the owner of this product that it will be free, in normal use, of any defects in workmanship and materials for a period of one year from date of purchase. You should retain proof of date of purchase. Shure is not liable for any consequential damages. If this Shure product has any defects as described above, carefully repack the unit and return it prepaid to:

Shure Brothers Incorporated
Attention: Service Department
1501 West Shure Drive
Arlington Heights, Illinois 60004

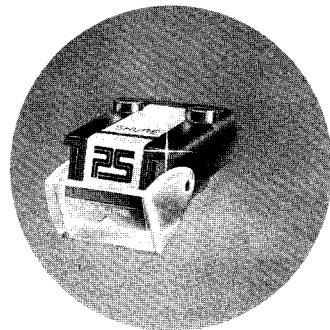
If you are not in the United States, return the unit to your dealer or Authorized Service Center for repair. The unit will be repaired or replaced and returned to you promptly and, if it cannot be repaired or replaced, you may elect to receive a refund. This warranty does not include stylus wear.

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® **SHURE** ®

**SHURE PERFORMANCE
& SOUND**



SPS SERIES FOUR

CONNECTIONS

See Figure 1: Right "hot" lead (usually red) to "R," right ground (usually green) to "RG," left "hot" lead (usually white) to "L," left ground (usually blue) to "LG." If metal head is causing ground loop hum, remove the ground tab. The metallic cartridge shield is disconnected from the right channel ground by removal of the ground tab.

CAUTION: Do not make solder connections to cartridge terminals.

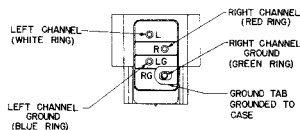


FIGURE 1

STYLUS REPLACEMENT

See Figure 2. Grasp molded housing of stylus and gently pull forward out of cartridge. Insert replacement stylus into socket and press until housing mates with cartridge case.

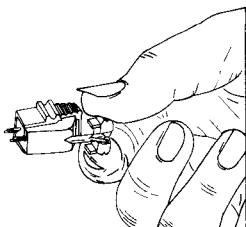


FIGURE 2

MOUNTING

The cartridge has 12.7 mm (1/2 in.) mounting centers. Mounting screws are provided.

1. Remove stylus (see Stylus Replacement).
2. Connect leads to cartridge (see Figure 1).
3. Lay cartridge in shell and align mounting holes on side of cartridge with holes or threads in shell. Follow turntable manufacturer's instructions to mount cartridge in tone arm or plug-in shell.
4. Reinsert stylus (see Stylus Replacement).

RECOMMENDED STYLUS CLEANING

Use supplied brush, dipped in alcohol or an alcohol-distilled water solution. Commercial cleaning solutions may cause stylus damage or corrosion. Always brush stylus from back to front; never brush or wipe stylus from front to back or side to side.

TO PRESERVE STYLUS LIFE

1. Follow turntable or tone arm instructions when adjusting antiskating force.
2. Do not handle the tone arm while it is in operation since this may cause the arm to sweep across the record.
3. If it is necessary to manually place the tone arm in the record groove while turntable is rotating, release it as soon as the stylus engages the record groove.
4. Correct improper set-down adjustment or malfunction of the turntable changing mechanism to prevent the stylus from striking the edge of the turntable or record. Do not stack more records than turntable manufacturer recommends.
5. Take care to properly insert the stylus into the cartridge assembly and the cartridge and shell assembly into the tone arm receptacle.
6. Use proper vertical tracking force setting for each cartridge.
7. Do not use badly warped, cracked or imperfect records.
8. When dusting the turntable, protect the stylus with the stylus guard.

SPECIAL NOTE

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." **AVOID INFERIOR IMITATIONS. THEY WILL SERIOUSLY DEGRADE THE PERFORMANCE OF YOUR CARTRIDGE. ALL GENUINE DYNETIC® STYLI ARE MANUFACTURED BY SHURE BROTHERS INC. LOOK FOR THE NAME SHURE ON THE STYLUS GRIP.** For more information on your Shure stylus, write for booklet: "A Visit to the Small World of a Stylus."

MONTAGE

Encartement 12,7 mm = 1/2 in.

1. Retirez l'équipage mobile avec la pointe diamant.
2. Enfillez les cosses sur la cellule (voir fig. 1).
3. Alignez la cellule dans la coquille et resserez les vis de fixation. Suivez les instructions du fabricant de la platine pour terminer le montage.
4. Remplacez l'équipage mobile.

RECOMMANDATIONS POUR LE NETTOYAGE DE LA POINTE

Utilisez la brosse fournie humectée d'alcool pur ou dilué. Les liquides de nettoyage vendus dans le commerce peuvent endommager ou corroder la pointe. Brossez toujours d'arrière en avant.

POUR PRESERVER LA VIE DE VOTRE DIAMANT

1. Réglez la compensation de poussée latérale (antiskating) du bras suivant les instructions du fabricant.
2. Evitez de toucher le bras de pickup pendant le fonctionnement.
3. Si vous devez placer manuellement le bras sur un sillon du disque pendant que la platine tourne, relâchez le bras dès que la pointe touche le sillon.
4. Réglez la descente du bras pour éviter que la pointe puisse heurter le bord du plateau ou du disque.
5. Evitez d'endommager la pointe lectrice pendant son montage dans la cellule ou le montage de la cellule elle-même.
6. Utilisez une force d'appui convenable.
7. N'utilisez pas de disques très rayés ou endommagés.
8. Protégez la pointe pendant le nettoyage de la platine.

REMARQUE

Assurez-vous que tout diamant de remplacement que vous achetez porte la garantie suivante sur son emballage: "This Stereo Dynetic® Stylus is precision manufactured by Shure Brothers Inc." **EVITEZ LES IMITATIONS DE QUALITES INFÉRIEURE. ELLES DETRUIRONT LE RENDEMENT DE VOTRE CELLULE. CHERCHEZ LE NOM DE SHURE SUR LE SUPPORT DE POINTE EN PLASTIQUE.** Pour de plus amples renseignements sur les pointes de lecture Shure, écrivez demander la brochure "Visite au Petit Monde d'une Pointe de Lecture."

SPECIFICATIONS

Frequency Response
20 to 20,000 Hz

Output (at 1,000 Hz)
6.2 mV at 5 cm/sec peak recorded velocity
(Output voltage given for stereo cut record. For MONO cut record, output voltage at both left channel and right channel cartridge terminals will be 71% of above figure.)

Channel Separation (minimum)
20 dB at 1 kHz

Channel Balance
Within 2 dB

Tracking Force
1½ to 3 grams (Tracking forces greater than maximum indicated should not be used.)

Trackability (at 2½ grams in cm/sec peak recorded velocity)
400 Hz—22 cm/sec
1,000 Hz—30 cm/sec
10,000 Hz—14 cm/sec

Net Weight
6.9 grams

Inductance
720 millihenries

Dc Resistance
630 ohms

Optimum Load
47,000 ohms resistance in parallel with 400 to 500 picofarads capacitance per channel. Load resistance can be up to 70,000 ohms with almost no audible change in frequency response. Total capacitance includes both the tone arm wiring and amplifier input circuit.

Replacement Stylus
NPS-4, 10 x 18 microns (.0004 x .0007 in.)
Biradial (elliptical) diamond tip
Grip color, blue

FOUR CHANNEL

This Stereo Dynetic® cartridge is compatible with all four-channel matrix systems.

MONOPHONIC OPERATION

Set function switch on amplifier to "MONO" or "A + B." If amplifier is not equipped with this switch, connect left and right channels in parallel.

PATENT NOTICE

Cartridge and stylus manufactured under one or more of the following U.S. Patents: 3,055,988, 3,077,521, 3,077,522, and 3,463,889.