**STEREO DYNETIC® PHONOGRAPH CARTRIDGE**

**CARTRIDGE AND STYLUS SPECIFICATIONS**

- **MOUNTING (12.7 mm (1/2 in.) mounting centers):**
  - Mounting screws are provided.
  - 1. Remove stylus guard and insert stylus into socket and press grounded stylus into socket and press GROUNDED MTNG.
  - 2. Connect leads from cartridge terminals to amplifier input circuit.
  - 3. Lay cartridge in shell and align mounting holes on side of cartridge with mounting centers in shell. Follow turntable manufacturer's instructions for antiskating force.

**TABLE OF SPECS**

- **Output voltages given for stylus cut record.** For MONO cut record, output voltages at both left channel and right channel terminals will be 75% of figures above.
- **Tracking forces greater than maximum indicated should not be used.**

**NET WEIGHT:** 6.2 grams

**DISTANCE:** 720 milliseconds

**DG RESISTANCE:** 650 ohms

**LOAD RESISTANCE:** 47,000 ohms resistance in 27A1652 millihenries total capacitance per channel. Load resistances can be up to 70,000 ohms with almost no audible change in frequency response. Local capacitance should be limited to keep loading to a minimum.

**PERFORMANCE:**

- **Frequency response:**
  - 400 Hz - 28 dB
  - 800 Hz - 24 dB
  - 1,000 Hz - 22 dB
  - 2,000 Hz - 20 dB
  - 4,000 Hz - 18 dB
  - 8,000 Hz - 15 dB
  - 16,000 Hz - 10 dB
  - 20,000 Hz - 10 dB
  - 40,000 Hz - 1 dB

- **Output voltage:** 2 mV

- **Sensitivity:** 20 mV

- **Damping factor:** 100

- **Total harmonic distortion:** 0.5%

- **Channel separation:**
  - 1 kHz - 30 dB
  - 3 kHz - 30 dB
  - 10 kHz - 30 dB

- **OPTIMUM LOAD:** 47,000 ohms resistance in 27A1652 millihenries total capacitance per channel.

**SPECIAL NOTE:**

- To maintain the performance of your cartridge, do not use damaged records.
- Do not stack more records than changer manufacturer recommends.
- Protect cartridge and stylus from striking edge of record.
- Do not use!! records.
- Do not stack more records than changer manufacturer recommends.
- Protect cartridge and stylus from striking edge of record.

**RECOMMENDED STYLUS CLEANING:** (See Figure 2)

- Use a commercial cleaning solution.
- Use alcohol or distilled water solution. Brush only from back to front.
- Do not use!! records.

**STYLUS REPLACEMENT (see Figure 3):**

- Grasp molded housing of RIGHT stylus (see Figure 2). Grasp molded housing of RIGHT stylus and gently pull forward CHANNEL TERMINAL (1/2 in.) to remove stylus guard and cartridge.

**TO PRESERVE STYLUS LIFE:**

- Protect stylus with guard when not in use.
- Turntable tone arm set-down or changer mechanism to prevent stylus from striking edge of turntable or record.
- Do not handle tone arm of record player by stylus mechanism to prevent slightest friction from striking edge of turntable or record.
- If stylus is not handled properly, stylus guard is being played, handling may cause arm to sweep across record. Use device if available.
- Do not expose stylus to atmospheric dust.
- Do not use!! records.
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**FOR MORE INFORMATION ON YOUR SHURE STYLUS, WRITE FOR PAMPHLET:** "DON'T BE SERIOUSLY DEGRADE THE PERFORMANCE OF YOUR CARTRIDGE.

**RECOMMENDED DIRECTIONAL MICROPHONES AND ELECTRONIC COMPONENTS**

- **STEREO DYNETIC® PHONOGRAPH CARTRIDGE**
  - LIGHT USE: 0.05 V/μV.
  - MEDIUM USE: 0.25 V/μV.
  - HEAVY USE: 0.50 V/μV.

**SHURE® 220 HARTEY AVE., EVANSTON, ILLINOIS 60204**

**SERIAL NUMBER:**

- If you are not in the United States, return the unit to your dealer or distributor for repairs. If you are in the United States, return the unit to your nearest authorized service center for repair. The unit will be repaired or you may elect to receive a refund. This warranty does not include stylus wear. Shure Brothers Incorporated reserves the right to make one or more changes in the design and specifications of this product without notice. If this Shure product has any defects as described above, carefully repack the unit and return it prepaid. Shure Brothers Incorporated

**ATTENTION: Service Department**

- 1501 West Shure Drive
  - Arlington Heights, Illinois 60005

**A 1 YEAR WARRANTY:**

- Shure Brothers Incorporated ("Shure")
  - 220 Harteay Avenue, Evanston, Illinois 60204

**AVOID INTERUPTIONS:**

- DO NOT USE!! records.

**IF YOU ARE NOT IN THE UNITED STATES:**

- Write to: Shure Brothers Incorporated, 220 Harteay Avenue, Evanston, Illinois 60204, U.S.A.

**SHURE® TRADEMARKS:**

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