

Fig. 2

It is literally the "heart" of your sound system and as such is as important to the phonograph as a lens is to a camera. What you hear through the loudspeaker depends first on the quality and precision of your phono cartridge.

Removal of pick-up cartridge from mounting plate

Remove complete pick-up head from the tonearm and remove slip-on connectors from contact prongs of cartridge. Hold the mounting plate with one hand and pull down cartridge.

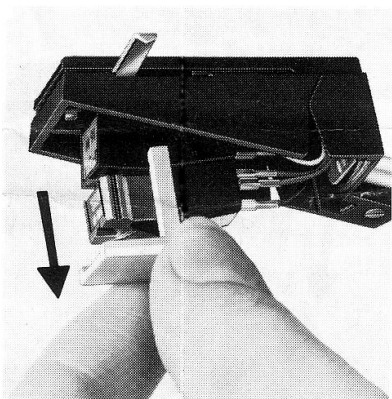


Fig. 3

Mounting the pick-up cartridge

Insert guide clip of the cartridge into the wide cut-out of the tonearm head. Press the cartridge backwards and upwards until the second guide clip of the cartridge snaps into the cut-out (fig. 2).

For proper balancing of the tonearm (see operating instructions for your Dual automatic turntable) the needle protector (weight approximately 0.52 g) should be removed from the pick-up cartridge (fig. 3).

Shure replacement styli

The Dynetic stylus assembly used in Shure 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 name of SHURE. Do not accept imitations! The original technical data cannot be guaranteed, further you risk danger in your records.

Attention!

The stylus assembly should be removed from the cartridge (see Fig. 4) before mounting or removing same from the cartridge holder.

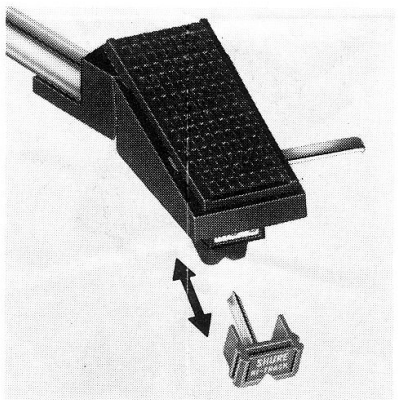


Fig. 4

Technical datas

Needle:

DN 325 (SHURE N 71 M-B)
0.6 ± 0.1 mil spherical diamond
needle for microgroove and
stereo records
Color coding: beige

Recommended stylus pressure:

2.5 g (2 – 3 g)

Frequency range:

20 c.p.s. to 20 k.c.p.s.

Output:

≥ 0.8 mV/1 cm/sec per channel at
1 k.c.p.s.

Output difference between channels:

Maximum 2 dB at 1 k.c.p.s.

Isolation between channels:

Minimum 20 dB at 1 k.c.p.s.

Compliance:

Horizontal 20 × 10⁻⁶ cm/dyn

Vertical 20 × 10⁻⁶ cm/dyn

Intermodulation distortion (FIM):

At 2.5 g stylus pressure, 8 cm/sec
velocity, < 1 %

Net weight: 5.5 p

End resistance: 47 kOhm

Special accessory:

DN 321 (SHURE N 75-3)

2.5 mil diamond needle
for 78 rpm-records

Tracking pressure: 3 g

measured with Dual 1219, TVV 46 and
Measuring record DIN 45 541, Stylus
force 2,5 g

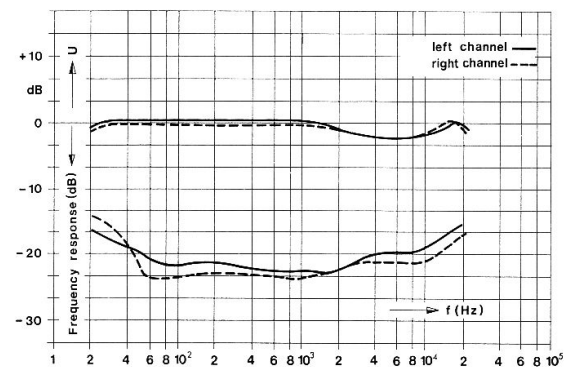


Fig. 1