

INSTRUCTIONS

Thank you for purchasing Phase Tech CS-1, Pick up Cartridge Shell.

CS-1 is produced for matching our phono pick up cartridge P-1 and P-3 with your universal arm in the best condition. For the best performance and product durability, please read the following instructions carefully to follow for a proper use of CS-1 before setting up.

Features

1. CS-1 is manufactured with precise processing from duralumin without using any molds in order to keep the accuracy and get rid of the vibration other than generation of electric power of the cartridge. The aforementioned processed material has DLC (Diamond Like Carbon) treatment and elevated its surface hardness to more than Hv= 3000, which is equivalent to the diamond. The high rigidity and the shell construction with the superior vibration dumping characteristics are successfully materialized.
The generic term of the carbon thin film with high rigidity and electric insulation, whose hardness is equivalent to the hardness of diamond synthesized by the gas phase synthetic method using ion.
2. The higher precision and the rigidity at the shell and the connector terminal parts were realized by being combined with the double bolts. In addition, by removing the rubber ring at the terminal improved the mechanical combination with the arm.
3. Stainless material is used for the finger hook and it suppresses the unnecessary resonance with the resonance dispersion shape.
4. LITZ wires coated with polyurethane which thin the insulation as much as possible for the shell lead wires are used. No turbidity and distortion of a sound at all range and the rich bass range and the vivid mid-high range are realized with high fidelity.

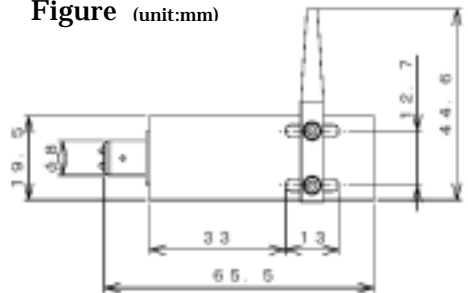
Installation

1. Connect the shell lead wires and cartridge terminal with the correct poles.
2. Fix the cartridge on the shell at the overhung position designated by the pick up arm. When tightening the screws, please pay attention to the balance of left and right at the cartridge installation position.
3. Install the shell on the pick up arm without any left and right slant.
(Rubber ring installed at the terminal is not attached since it is better not to use it for the good sound quality.)
4. Please avoid touching the terminal where the shell lead wires are plugged in or the connector terminal with bare hands directly. It will quicken the inferior sound quality from the corrosion or the connection degradation.
5. Please adjust the height and the needle pressure of the pick up arm.

Specifications

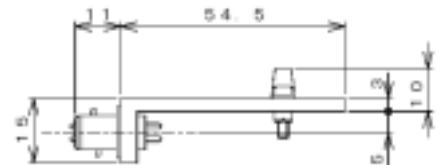
- Material : Duralumin
- Treatment: DLC treatment
- Applicable Self weight : 16.2 g
(including Shell lead wires, nuts for installation of cartridge 2.6 × 10: 2 pairs)
- Shell lead wires: LITZ wires
(high purity copper wires coated with polyurethane)

Figure (unit:mm)



Enclosed

1. Lead wires (LITZ wire) 4 wires
2. Finger hook (Resonance Dispersion Shape) 1 piece
3. Screws for installation 2 pieces each
(2.6 × 6, 2.6 × 10, 2.6 × 12)
4. Nuts for installation 2 pieces (Aluminums)
5. Hexagonal wrench for 2.6 screws for tightening 1 piece



Information

Please note that all sides of CS-1 have DLC treatment, but only the back side (the side for putting on the cartridge) has no luster finishing.

Manufacturer