"TAKMAN" The Sound Purifier P-202 & Audio Input Impedance Element "maestro"

When we are all ears to a natural sound, each piece of the sound is heard clearly but softly. When you close your eyes, the sounding space is firmly grasped. If you listen to a reproduced sound carefully, you will feel some atmosphere that entwines it. This is what is generally called an incidental sound. The center of the sound reverberates flatly and somewhat impurely. It is no exaggeration to say that a must to obtain a clear and real sound lies in deleting the incidental sound.

It is widely known that the sound of audio amplifiers varies depending on the characteristics of parts used. Resistors are no exception. Our minute investigation discloses that the input resistor mounted on an amplifier affects largely on its sound quality. The signal voltage at the entrance of an amplifier is small and there has so far been no investigation as to the improving likelihood of audio resistors that scarcely heat. Nevertheless, it is presumed that this small signal receives the following effects from loaded resistors:

① By the magnetic field around loaded resistors
② By the static electricity generated on loaded resistors
③ Mixture and change of modulation caused by a signal itself due to the structure of loaded resistors

We grappled with these problems seriously. We thoroughly checked the part material and structure of which the resistor is consisted of and made researches into the relation of magnetic field, electrostatic induction and signal itself for several years. Every relation therein was brought to light and we succeeded in developing the ultimate input impedance element "maestro".

Resistors are generally protected by insulative material on their surfaces so that they last for long in used environments. Since this insulative material adhered on the resistor surface is electrically inductive and distorts audio signals. This means naked resistor bodies should be better. A naked resistor does not receive any influence of coated inductive substance but it is apt to receive the influence of magnetic field and its phase against environments will be the worst, turning this issue back to the starting point.

In order to the cope with this problem, we have developed an epoch-making measure in the field of resistors, in which metal layers serve as a shield with a little space in between, keeping the surfaces of resistor clean. By solving the difficult problem that airtightness must be maintained in spite of non-contact condition, an element that can resist all environmental factors such as temperature, humidity, vibration, shock, etc. came into existence. Also by carefully selecting and combining the kind of resistors, materials, shapes, plating material, thickness, etc. which affects sound very delicately, we have finally come to make an impedance element which generates no incidental sound but nearly real sounds.

In our attempt to have our impedance element “maestro” appreciated by every audiophile, we have completed this sound improving equipment, The Sound Purifier P-202. This input impedance element “maestro” patented in the U.S. receives minute signals as they are and never distorts them. The Sound Purifier simply consists of the “maestro” element, non-magnetic RCA pin-jacks and copper wire of highly purified crystal and the outside case is made of very hard wood with 3-point (triangle) high-damping alloy “M2052” foot by Seisin to get rid of the influence by outside noises including vibration to the most extent possible.

Our product does not emphasize or exaggerate sounds and may not meet the taste of those who like astounding super-low frequency sounds. Our aim is to make our sounds nearer to actually played sounds and to realize the atmosphere of actual performance. Enjoy your improved sounds with The Sound Purifier P-202.

Specification

Input Impedance	:	51 KΩ
External Dimensions	:	115(W) x 75(H) x 127(D)mm
Weight	:	650 grams approx.