CORAL

High Output Series Moving-coil Stereo Phono Cartridges

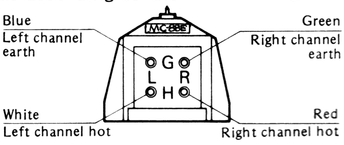
MC-88E & MC-88S

INSTRUCTIONS FOR USE

Thank you very much for purchasing the CORAL moving coil cartridge. MC-88E or MC-88S. This cartridge uses superior materials, is assembled with the highest level of technology, has excellent sound reproduction performance, and offers outstanding musicality. Each MC-88E or MC-88S cartridge you purchase is produced under rigorous quality control and is strictly inspected. Read this manual carefully and follow the instructions accordingly in order to get maximum performance and make your listening pleasure truly enjoyable.

MOUNTING ON THE HEAD SHELL

* Take out cartridge from the case by pulling black tape upward.
* The MC-88E and MC-88S should be mounted in the head shell while the stylus cover is on the cartridge in order to protect the stylus against damage. Lead wires should be connected properly to the output terminals according to the color coding. Set the cartridge parallel to the centerline of the head shell, and tighten the screws firmly with equal force.



MOUNTING ON THE TONE ARM

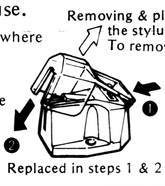
* The MC-88E and MC-88S may be mounted on all JIS and EIA standard tone arm. The stylus overhang should be provided properly according to the specification of the tone arm.

TRACKING FORCE ADJUSTMENT

* Remove the stylus cover, obtain the horizontal balance for the tone arm (nil stylus pressure), and then adjust to provide the correct pressure for the stylus.
* The range of tracking force applicable is from 1.8g to 2.2g. 1.8g should be sufficient for proper tracing when the disc is in good condition. When the disc is warped, or the recorded level is extremely high, or the ambient temperature is below 10°C (50°F), sound may be distorted or buzzing sound may be heard, in which case the pressure should be increased to 2.2g. A tracking force of 2g is appropriate for normal use.

Note: The turntable should be installed in a place where it will not be affected directly by vibration and sound pressure caused by the speakers.

Note: The stylus pressure of a moving coil cartridge may be increased inadvertently due to magnetic force when the turntable is made of iron.



CONNECTION TO THE AMPLIFIER

* Thanks to the high output voltage, connection to the amplifier is very easy.
* Connection can be made to PHONO terminal (for Moving-Magnet cartridge) of regular amplifier.
* No head amplifier nor step-up transformer is required.

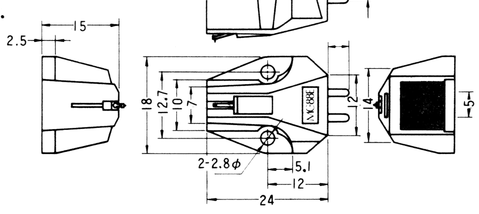
CLEANING THE STYLUS & RECORD DISC

* Dust on the stylus will not only disrupt normal tracing but also quicken wear of the stylus and the disc.

Be sure to remove dust carefully from the stylus by moving camera lens brush or the like from the root (terminal end of the cantilever) toward the stylus tip. Never brush or wipe the stylus from front to rear or side to side.

* Dust on the disc should be removed carefully by using adequate disc cleaners.
* When the cartridge is not in use, protect stylus with the stylus cover.

Dimensions of MC- 88E/MC-88S (m/m)



MC-88E SPECIFICATIONS

Output voltage: 2.5mV (1kHz, 5cm/sec.)
Channel balance: 1.2dB
Channel separation: 25dB (1,000Hz)
Frequency response: 20 – 60,000Hz
Trackability: 60μ (2g/300Hz)
Tracking force: 2 ± 0.2g
Vertical angle: 20°
DC resistance: 110Ω
Load resistance: 47kΩ
Cantilever material: Hydronalium alloy
Stylus tip dia.: 0.3 x 0.7mil
Weight: 5g
NOTE: The stylus alone cannot be replaced.

MC-88S SPECIFICATIONS

Frequency response: 20 – 45,000Hz
Channel separation: 23dB (1,000Hz)
Stylus tip dia.: 0.6mil
NOTE: Other specifications are identical with the MC-88E. The stylus alone cannot be replaced.

Design and specifications are subject to change without notice due to improvements and modifications.

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