

## Moving Coil Phono Cartridge

# AC-5



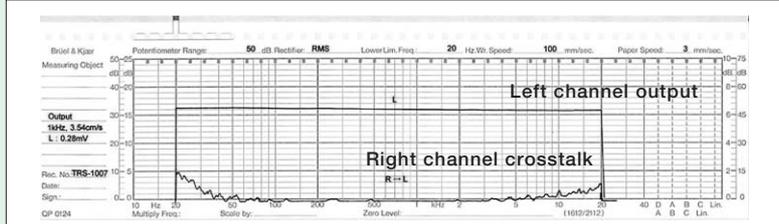
## A Classic Reborn: Accuphase MC Cartridge — Analog Record Playback At Its Finest —

While digital sources such as CDs and streaming music are undoubtedly very popular, there is a renewed interest by audiophiles in analog records. Unlike CDs, playback of analog records in high quality requires dedication and an understanding of the various aspects of the process, making the enjoyment of music with this medium a special and truly rewarding experience.

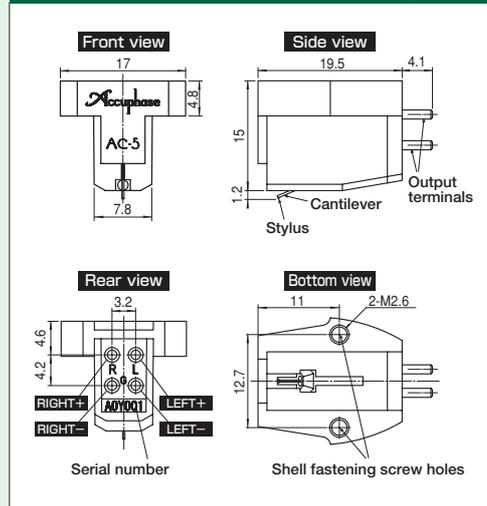
The Accuphase lineup includes the Phono Equalizer Amplifier C-27 which has garnered high praise in the audiophile world. The company has now taken the next logical step in releasing the MC Cartridge AC-5. MC cartridges from Accuphase have a long and distinguished history, beginning with the AC-1 in 1979, and followed by the AC-2 and AC-3. The AC-5 picks up the tradition while incorporating the finest materials available at the current time. During development, it was honed to perfection through extended series of listening tests, designed to ensure optimum music reproduction.

- Use of pewter minimizes transmission of vibrations to cartridge body. Pewter is an alloy of tin with small amounts of antimony and copper. It is given a manual mirror finish and then rhodium and gold plated.
- Microridge stylus shape similar to record cutter ensures wide playback frequency range.
- Solid amorphous boron cantilever with high propagation speed
- Samarium Cobalt Type 30 magnet with excellent thermal characteristics
- "Real sound" type generating coil using 6N-LCOFC wire
- 8-piece pure damper

### Frequency response (L channel)



### Dimensions and major structural parts



### AC-5 Specifications

● <b>Cartridge type</b> : Moving coil	● <b>Magnet</b> : Samarium Cobalt Type 30	● <b>Compliance</b>
● <b>Rated output voltage</b> : 0.24 mV (1 kHz, 5 cm/sec)	● <b>Cantilever</b> : 0.3 mm dia Solid amorphous boron	● Horizontal : $15 \times 10^{-6}$ cm/dyne
● <b>Impedance</b> : 4.5 ohms (1 kHz)		● Vertical : $12 \times 10^{-6}$ cm/dyne
● <b>Frequency response</b> : 20 Hz to 20 kHz ( $\pm 1$ dB)	● <b>Stylus</b>	● <b>Output terminals</b> : 1.25 mm dia. (gold-plated brass)
● <b>Channel separation</b> : 30 dB (1 kHz)	● <b>Material</b> : Microridge needle diamond 0.1 mm dia	● <b>Recommended load impedance</b>
● <b>Channel balance</b> : 0.5 dB (1 kHz)	● <b>Curvature</b> : $3 \mu\text{m} \times 60 \mu\text{m}$	● Amplifier: 100 ohms or higher
● <b>Trackability</b> : 80 $\mu\text{m}/2.0$ g (300 Hz)	● <b>Service life</b> : 2,000 hours (tracking force 2.0 g)	● Step-up transformer: 10 ohms or higher
● <b>Generating coil</b>	● <b>Tracking force</b>	● <b>Cartridge weight</b> : 11.9 g (standard)
● Wire material : 0.03 mm dia. 6N-LCOFC	● Recommended : 2.0 g	
● Winding layout : Horizontal symmetrical	● Range : 1.7~2.5g	