Technical specifications

Stylus	Contact Line NUDE, 0.100mm SQ
Radius of curvature	OPTIMIZED CONTACT LINE
Cantilever	RUBY
Recommended Tracking force	13mN / 1.3 gm
Effective tip mass	0.32 mg
Compliance	22 µm/mN
Frequency response	20-20,000 Hz +/- 2.5 dB
Channel Separation	
1000 Hz	>30 dB
50-15,000	>20 dB
Channel difference	<1.0 dB
Output voltage	>0.6 mV/cm/sec.
5 cm/sec. Lat. RMS	>2.12 mV
Cartridge weight	6.8grams
Load: Resistance	>/= 47 kohms
Capacity	>/= 400 pF

Soundsmith

Phonograph Cartridge

Aida

Medium Compliance

The Soundsmith Corp.
8 John Walsh Blvd. Suite 417
Peekskill, NY USA 10566
1-800-942-8009
www.sound-smith.com

INSTRUCTIONS

Soundsmith's AIDA cartridge

The AIDA cartridge you have purchased is hand-made to extremely exacting specifications by Soundsmith's carefully trained craftspeople, using carefully selected and precision processed magnetic materials and selected woods. The unique design results in a ultra high performance cartridge, providing the listener with unparalleled performance through employing a tiny, ultra-low mass high-purity moving iron element.

The AIDA cartridge differs primarily from all other cartridges in that the moving mass has been reduced to an astonishingly small level. The stylus* and cantilever** employ the best choices of material, shape and structure.

A key optimizing element in the AIDA design the use of a single-piece, ultra low-mass moving iron, stylus and cantilever assembly. In a similar sense to a "moving coil" cartridge, it does not have user replaceable styli, as the AIDA is designed for optimal performance.

The AIDA is a "moving iron" design, and is compatible only with standard "moving magnet" phono inputs. It does not require the use of a special "moving coil" input or moving coil preamp.

Your new cartridge is a standard ½" mount with tapped brass side pieces designed for 2.5 mm screws.

Peter Ledermann

- President/Chief Engineer

The Soundsmith has taken great care to manufacture this cartridge to exacting standards and performance. It should provide you with many years of fine listening from your treasured vinyl collection.

** **Stylus** – this is the actual "needle" or shaped diamond tip that fits in the record groove and follows the movements of the groove walls. All Soundsmith styli tip shapes are either elliptical or contact line, and are either titanium bonded or solid "nude" diamond.*
*** **Cantilever** – This is the rod or arm that holds the stylus – its function is to accurately transmit the movement of the stylus into the cartridge body, which converts that movement into small electrical signals. It should be, by design, extremely lightweight and very rigid. All Soundsmith cantilevers are either aluminum alloy, sapphire, ruby, exotic metal or ceramic.*