

華

hana



Brilliant &  
Gorgeous

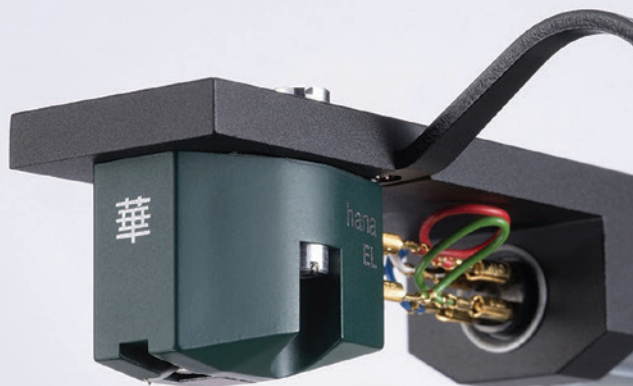
 AUDIOMAGIC

handmade in Japan

EL

The Hana EL provides high-end musical performance from a low-output moving coil cartridge at an extremely attractive price. Handmade in Japan, the EL uses ALNICO magnets and affords the listener the textural, imaging, and musically involving qualities associated with the best MC cartridges.

Long prized by audiophiles and music lovers, affordable low output MCs such as the EL are a perfect match to today's generation of high-gain phono stages.



|                                |                         |
|--------------------------------|-------------------------|
| RRP                            | 855                     |
| Stylus                         | Synthetic<br>Elliptical |
| Cantilever                     | Aluminum                |
| Output Level                   | 0.5mv/1KHz              |
| Output<br>Balance              | <2dB/1 KHz              |
| Vertical<br>Tracking<br>Force  | 2g                      |
| Trackability                   | 70 $\mu$ m/2g           |
| Channel<br>Separation          | 25dB/1KHz               |
| Frequency<br>Response          | 15-25,000Hz             |
| Impedance                      | 30 $\Omega$ /1KHz       |
| Suggested<br>Load<br>Impedance | >400 $\Omega$           |
| Cartridge<br>Weight            | 5g                      |
| Body Color                     | Moss Green              |
| Warranty                       | 2 years                 |

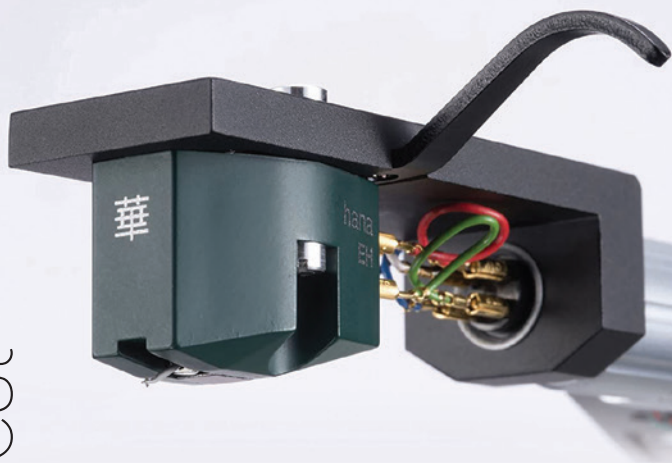
All prices in AUD, RRP's include 10% GST.  
Subject to change without notification  
**Warranty: 1 year** - final decision about the warranty will be made by Excel Sound, after inspection of the returned cartridge at the factory laboratory RRP.

next best

**EH**

The Hana EH high-output moving coil cartridge represents the best way to upgrade from “starter” MM cartridges that typically come packaged with most entry-level turntables.

Weighing in at only 5 grams, and possessing great tracking ability, the Hana EH cartridge's distinctive moss green body houses a special cross-coil generator, reproducing great bass and dynamics.



|                          |                                    |
|--------------------------|------------------------------------|
| RRP                      | <b>855</b>                         |
| Stylus                   | <b>Synthetic Elliptical</b>        |
| Cantilever               | <b>Aluminum</b>                    |
| Output Level             | <b>2mv/1KHz</b>                    |
| Output Balance           | <b>&lt;2dB/1 KHz</b>               |
| Vertical Tracking Force  | <b>2g</b>                          |
| Trackability             | <b>70 <math>\mu</math>m/2g</b>     |
| Channel Separation       | <b>25dB/1KHz</b>                   |
| Frequency Response       | <b>15-25,000Hz</b>                 |
| Impedance                | <b>130<math>\Omega</math>/1KHz</b> |
| Suggested Load Impedance | <b>&gt;47k<math>\Omega</math></b>  |
| Cartridge Weight         | <b>5g</b>                          |
| Body Color               | <b>Moss Green</b>                  |
| Warranty                 | <b>2 years</b>                     |

# Excel Sound

|                          |                                   |
|--------------------------|-----------------------------------|
| RRP                      | <b>1,195</b>                      |
| Stylus                   | <b>Shibata Diamond</b>            |
| Cantilever               | <b>Aluminum</b>                   |
| Output Level             | <b>0.5mv/1KHz</b>                 |
| Output Balance           | <b>&lt;1.5dB/1 KHz</b>            |
| Vertical Tracking Force  | <b>2g</b>                         |
| Trackability             | <b>70 <math>\mu</math>m/2g</b>    |
| Channel Separation       | <b>28dB/1KHz</b>                  |
| Frequency Response       | <b>15-32,000Hz</b>                |
| Impedance                | <b>30<math>\Omega</math>/1KHz</b> |
| Suggested Load Impedance | <b>&gt;400<math>\Omega</math></b> |
| Cartridge Weight         | <b>5g</b>                         |
| Body Color               | <b>Black</b>                      |
| Warranty                 | <b>2 years</b>                    |

Rocky Mountain  
International HiFi Press  
Award winner  
2018 and 2019



**SL**

The Hana SH combines high output with high resolution, courtesy of its special coil design and Shibata stylus.

Compatible with standard MM phono stages, a high-output MC provides dynamics, drive, and excellent stereo imaging.

**SH**

|                          |                    |
|--------------------------|--------------------|
| RRP                      | 1,195              |
| Stylus                   | Shibata Diamond    |
| Cantilever               | Aluminum           |
| Output Level             | 2mv/1KHz           |
| Output Balance           | <1.5dB/1 KHz       |
| Vertical Tracking Force  | 2g                 |
| Trackability             | 70 $\mu$ m/2g      |
| Channel Separation       | 28dB/1KHz          |
| Frequency Response       | 15-32,000Hz        |
| Impedance                | 130 $\Omega$ /1KHz |
| Suggested Load Impedance | 47k $\Omega$       |
| Cartridge Weight         | 5g                 |
| Body Color               | Black              |
| Warranty                 | 2 years            |

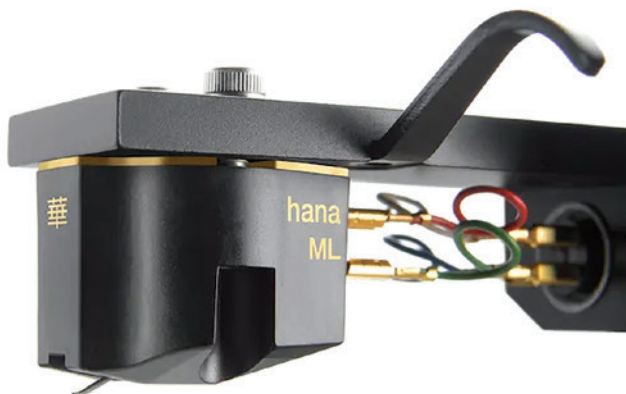
high performance

affordable perfection

**ML**

Befitting its name, the M Series uses a Nude Microline stylus, mimicking the cutting stylus and fitting more precisely into the vinyl groove.

Capture the most delicate musical details with better frequency reproduction, stereo imaging, and resolution.

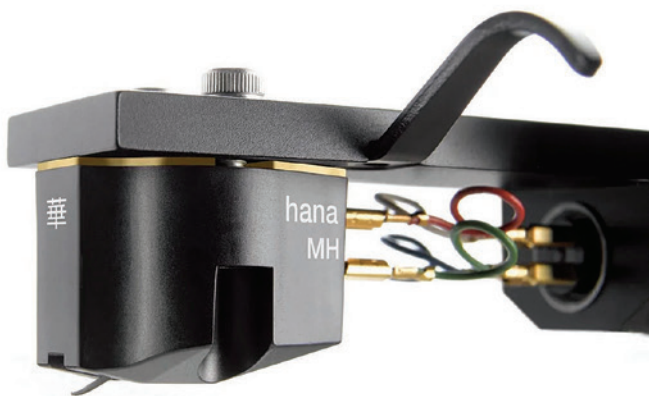


|                     |                                   |
|---------------------|-----------------------------------|
| RRP                 | <b>1,995</b>                      |
| Stylus              | <b>Microline Diamond</b>          |
| Cantilever          | <b>Aluminum</b>                   |
| Magnetic Circuitry  | <b>Pure Iron/Cryo Treatment</b>   |
| Coil Wire           | <b>High Purity Copper</b>         |
| Cartridge Housing   | <b>POM (Delrin) / Brass</b>       |
| Output Level        | <b>0.4mv/1KHz</b>                 |
| Output Balance      | <b>&lt;1dB/1 KHz</b>              |
| Trackability        | <b>70 <math>\mu</math>m/2g</b>    |
| Channel Separation  | <b>30dB/1KHz</b>                  |
| Frequency Response  | <b>12-45,000Hz</b>                |
| Impedance           | <b>8<math>\Omega</math>/1KHz</b>  |
| SUGG Load Impedance | <b>&gt;100<math>\Omega</math></b> |
| Magnet              | <b>Alnico</b>                     |
| VERT Tracking Force | <b>2g</b>                         |
| Cartridge Weight    | <b>9.5g</b>                       |
| Height              | <b>16.3mm</b>                     |
| Body Color          | <b>Black w/Brass Plate</b>        |
| Warranty            | <b>2 years</b>                    |

# stellar performance

**MH**

One of the world's best High Output Moving Coil cartridges, the MH combines the technological advances of the Hana M Series with the optimal interface for moving magnet phono stages.



|                          |                          |
|--------------------------|--------------------------|
| RRP                      | 1,995                    |
| Stylus                   | Microline Diamond        |
| Cantilever               | Aluminum                 |
| Magnetic Circuitry       | Pure Iron/Cryo Treatment |
| Coil Wire                | High Purity Copper       |
| Cartridge Housing        | POM (Delrin) / Brass     |
| Output Level             | 2mv/1KHz                 |
| Output Balance           | <1dB/1 KHz               |
| Trackability             | 70 $\mu$ m/2g            |
| Channel Separation       | 30dB/1KHz                |
| Frequency Response       | 12-45,000Hz              |
| Impedance                | 130 $\Omega$ /1KHz       |
| Suggested Load Impedance | 47k $\Omega$             |
| Magnet                   | Alnico                   |
| Vertical Tracking Force  | 2g                       |
| Cartridge Weight         | 9.5g                     |
| Height                   | 16.3mm                   |
| Body Color               | Black w/Brass Plate      |
| Warranty                 | 2 years                  |





sublime  
enjoyment

## Umami Blue

**The Auricle™** body design, unique and exclusive to our Umami series, is CNCmachined from Duralumin. Sharing key Umami Red ingredients, including the precision-cut diamond stylus, Boron cantilever, and high-purity copper wires, then combining these with the Alnico magnet based generator found in the famous Hana ML, creates the exceptionally musical Umami Blue.

The HANA-Umami Blue high-end moving coil cartridge combines the vision of Master cartridge designer Okada-san with the history of special materials, classic Japanese techniques, and modern audio engineering.



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This synergistic relationship in MC cartridge design between specific materials, unique body design, a sophisticated generator, and hand-built precision is the critical aspect for outstanding cartridge performance.

The HANA-Umami Blue uses a special **Melamine Thermosetting Process (MTP)** to impart the brilliant blue glossy finish to the Auricle™ body. Originally developed by Dupont, the Melamine Thermosetting Process contributes to the rich sound with increased clarity, better imaging, and bass definition.



# Moving Coil Cartridge Specification

(230101) (\*)

|                             |                       | Umami Blue  | Umami Red                                 |                                |
|-----------------------------|-----------------------|---|---|--------------------------------|
|                             | RRP                   | 4,250   | 6,600                                     |                                |
| <b>Body</b>                 | Material              | Duralumin (A7075)                                   | Duralumin (A7075),<br>Ebony Wood Inlay    |                                |
|                             | Finish                | Melamine<br>Thermosetting<br>Process (MTP)          | Gloss Urushi<br>Lacquer/ Red              |                                |
| <b>Cantilever<br/>Assy</b>  | Cantilever            | Boron   | Boron                                     |                                |
|                             | Stylus                | Microline Nude<br>Diamond                           | Microline Nude<br>Diamond                 |                                |
| <b>Magnetic<br/>Circuit</b> | Armature<br>material  | Permalloy   | Permalloy                                 |                                |
|                             | Amature<br>Shape      | Cross Plate   | Square                                    |                                |
|                             | Parts material        | Pure Iron   | Pure Iron                                 |                                |
|                             | Magnet                | Alnico (Al-Ni-Co)                                   | Samarium Cobalt                           |                                |
|                             | Output Pins           | 24K Gold Plated                                     | 24K Gold Plated                           |                                |
| <b>Coil</b>                 | Coil<br>impedance     | 8Ω  | 6Ω/1KHz                                   |                                |
|                             | Output                | 0.4mV   | 0.4mv/1KHz                                |                                |
|                             | Coil Wire<br>Material | High Purity Copper                                  | High Purity Copper                        |                                |
|                             | Load<br>impedance     | >80Ω  | > 60Ω                                     |                                |
| <b>Treatment</b>            | Cryogenic             | Front York,Rear<br>Yoke,Pole<br>Piece,Terminal Pins |   |                                |
| <b>SPEC</b>                 | Frequency<br>Response | 15-50,000Hz   | 15-50,000Hz                               |                                |
|                             | Output<br>Balance     | 0.5dB/1KHz  | 0.5dB/1KHz                                |                                |
|                             | Channel<br>Separation | 30dB/1KHz   | 30dB/1KHz                                 |                                |
|                             | Tracking<br>Weight    | 2g  | 2g  |                                |
|                             | Trackability          | 70μm/2gr  | 70μm/2g                                   |                                |
|                             | Dynamic<br>Compliance |   | 10×10(-6)cm/<br>dyne(10Hz)                | 10 × 10(-6) cm/dyne<br>(100Hz) |
|                             |                       |   | Estimated at 17×10(-<br>6)cm/dyne at 10Hz | 17 × 10(-6) cm/dyne<br>(10Hz)  |
|                             | Cartridge<br>Weight   | 10.8g   | 10.5g                                     |                                |

(\*) Specification is subject to further possible change.



## Umami Red

The synergistic relationship in MC generators between magnet, armature, and coil windings is a critical aspect of outstanding cartridge design; and like a signature dish at a Michelin 3-star restaurant, every element and detail working in concert results in a memorable and emotional experience.

Ebony wood, rare-earth magnets, precision-cut diamond, high-purity copper wires, Urushi lacquering, and CNC machined Duralumin synergize under the vision of Hana designer Okada-san.

# involving & refined



## SL-mono

The Hana SL Mono represents the most musical and affordable means to enjoy both the classic records of that era as well as today's mono re-issues.

Embodying the highly acclaimed sound of the Hana SL, the SL Mono, with its special generator and Shibata stylus, optimizes playback of mono LPs. Whether mounted to a second tonearm, Universal headshell, or dedicated mono turntable, the SL Mono lets you get the most from all great mono recordings.

|                          |                 |
|--------------------------|-----------------|
| RRP                      | 1,195           |
| Stylus                   | Shibata Diamond |
| Stylus Shape             | 0.27 × 1.57mil  |
| Cantilever               | Aluminum        |
| Output Level             | 0.4mv/1KHz      |
| Vertical Tracking Force  | 2g              |
| Trackability             | 70 μm/2g        |
| Channel Separation       | 28dB/1KHz       |
| Frequency Response       | 15-32,000Hz     |
| Impedance                | 23Ω/1KHz        |
| Suggested Load Impedance | >200Ω           |
| Cartridge Weight         | 5g              |
| Body Color               | Black           |
| Warranty                 | 2 years         |

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