

MONO

SERIES

Instruction Manual

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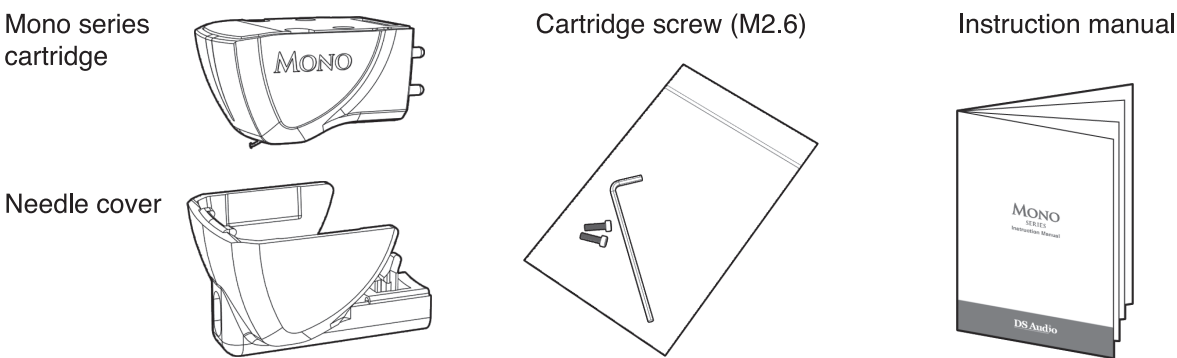
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Supplied items



⚠ Precautions

1. Clean the cabinet, panel, and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent such as alcohol or benzine.
2. Operational temperature should be 20degreeC to 26degree C. Warming up is recommended in winter time.
3. This optical cartridge is Amplitude proportional signal read out. It required our designated equalizer. Outputs from the equalizer should be connected to CD / AUX terminals of your amplifier. Do not connect to Phono terminals.

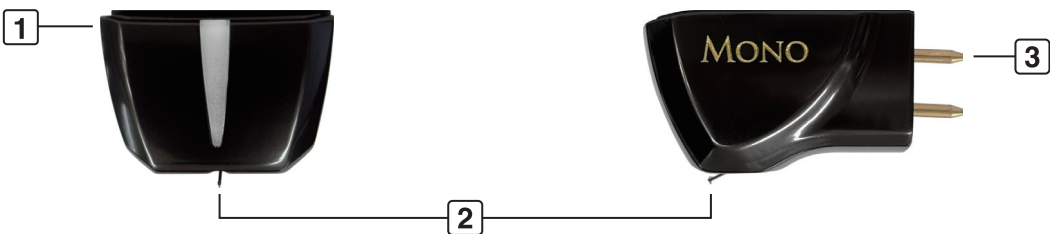
“Output pin connection”



◀ Stylus Replacement ▶

Stylus replacement is available at DS-Audio. Please consult our authorized dealer for its cost and time.

Names and functions



- 1

Power indicator LED
LED indicates power is on when it is lit. When Equalizer is turned on, yet LED is not lite,check the Cartridge connection and Equalizer connection.
- 2

Cantilever / Stylus
Adjust the Stylus pressure carefully as recommended. Other settings should follow as those for MM / MC cartridge.
- 3

Output pins
Connect Output pins as described in “Output pin connection”.

Grand Master Extreme Mono	
Signal output	Photo-electric Conversion
Weight	11.7 g
Output signal level	70 mV or more
Cantilever	One Piece Diamond
Base material	Brass
Cantilever holder material	Stainless
Needle pressure	2.0g-2.2g (2.1g is recommended)
Stylus	Micro Ridge

DS Master3 Mono	
Signal output	Photo-electric Conversion
Weight	11.7 g
Output signal level	70 mV or more
Cantilever	Diamond(square-rod)
Base material	Brass
Cantilever holder material	Stainless
Needle pressure	2.0g-2.2g (2.1g is recommended)
Stylus	Micro Ridge

DS003 Mono	
Signal output	Photo-electric Conversion
Weight	11.7 g
Output signal level	70 mV or more
Cantilever	Aluminum
Base material	Brass
Cantilever holder material	Stainless
Needle pressure	2.0g-2.2g (2.1g is recommended)
Stylus	Line Contact

※This cartridge can be used with stereo records without any issues.

Grand Master Mono	
Signal output	Photo-electric Conversion
Weight	11.7 g
Output signal level	70 mV or more
Cantilever	Diamond (round-shaft)
Base material	Brass
Cantilever holder material	Stainless
Needle pressure	2.0g-2.2g (2.1g is recommended)
Stylus	Micro Ridge

DS-W3 Mono	
Signal output	Photo-electric Conversion
Weight	11.7 g
Output signal level	70 mV or more
Cantilever	Boron
Base material	Brass
Cantilever holder material	Stainless
Needle pressure	1.85g-2.05g(1.95g is recommended)
Stylus	Line Contact

DS E3 Mono	
Signal output	Photo-electric Conversion
Weight	11.7 g
Output signal level	70 mV or more
Cantilever	Aluminum
Base material	Brass
Cantilever holder material	Stainless
Needle pressure	2.0g-2.2g (2.1g is recommended)
Stylus	Elliptical

Warranty

WARRANTY

Owner's Record

The model and serial numbers are located on the bottom. Record the serial number in the space provided below. Refer to these numbers whenever you call your Cartridge dealer regarding this product.

Model No. Mono

Serial No. _____

WARNING

To reduce fire or shock hazard, do not expose the unit to rain or moisture.

IMPORTANT SAFETY INSTRUCTIONS

-SAVE THESE INSTRUCTIONS

-TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS

LIMITED WARRANTY

DS Audio warrants this product against defects in material or workmanship for the time periods as stated below. Pursuant to this Limited Warranty, DS Audio will, at its option, (1) repair the product using new or refurbished parts or (2) replace the product with a new or refurbished product.

For the purposes of this warranty, "refurbished" means a product or part has been returned to its original specifications. In the event of a defect, these are your exclusive remedies.

For a period of one (1) year from the original date of purchase of the product, DS Audio, at its option, repair or replace with new or refurbished product, product determined to be defective.

This limited warranty covers only the hardware components packaged with the product. It does not cover technical assistance for hardware.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the DS Audio authorized service facility specified.

Any parts or product replaced under this limited warranty will become the property of DS Audio.

This limited warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use. It does not cover product issues caused by any other reasons, including but not limited to product issues due to commercial use, acts of God misuse, limitation of technology, or modification of any part of product.

This limited warranty is invalid if the factory-applied serial number has been altered or removed from the product.

This limited warranty is valid with the official receipt of our authorized dealer which indicating the date of your purchase.