

GRAND  
MASTER **EX**  
Instruction Manual

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## Supplied items

Grand Master Extreme cartridge  
 Grand Master Extreme needle cover  
 Cartridge screw (M2.6)  
 Instruction manual

## Specifications

Grand Master  
 Extreme CR

<b>Output Signal level</b>	70mV and more(at cartridge output)
<b>Channel Separation</b>	27dB and more
<b>Needle Pressure</b>	2.0g ~ 2.2g(2.1g is Recommended)
<b>Canti-lever&amp;Needle</b>	One Piece Diamond
<b>Stylus</b>	Micro Ridge Stylus
<b>Weight</b>	7.9 g
<b>Body Material</b>	Super Duralumin
<b>Cantilever holder material</b>	Stainless

## Names and functions

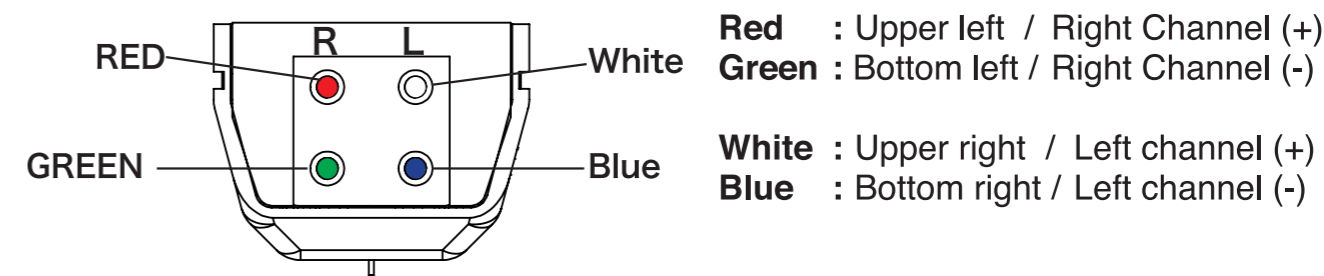


- 1 Power indicator LED**  
LED indicates power is on when it is lit. When Equalizer is turned on, yet LED is not lite,check the Cartridge connection and Equalizer connection
- 2 Cantilever / Stylus**  
Adjust the Stylus pressure carefully as recommended.  
Other settings should follow as those for MM / MC cartridge.
- 3 Output pins**  
Connect Output pins as described in “Output pin connection”.

## ⚠ Precautions

- 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.
- Operational temperature should be 20degreeC to 26degree C. Warming up is recommended in winter time.
- 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.

# 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. Grand Master Extreme**

**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.