

# PH-301

*Moving Coil/Moving Magnet Phono Preamplifier*



*Because You Love the Music.*

**CARY**  
*Audio Design*

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## A New Vision in Music and Technology.

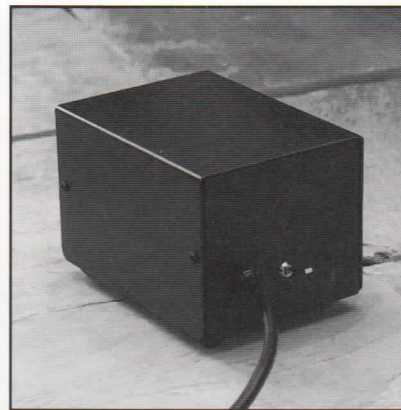
*Cary Audio Design presents the ultimate phono head amplifier.*

It took over three years of painstaking research, engineering, listening, and refining before Cary was ready to release the PH-301. But now that it's here, even the most demanding record enthusiasts will realize this exotic unit is dedicated to nothing short of incomparable vinyl playback.

The PH-301 is an all-vacuum tube design utilizing two 12AU7 dual triodes and two 12AX7 dual triodes. It is perfectly matched to any of the high-end Cary integrated amplifiers or pre-amplifiers.

The PH-301 has single-ended and optional balanced outputs and is user adjustable between MC and MM, and is finished with the beauty and detail that Cary Audio Design is famous for. With its gleaming chrome plated chassis and black anodized front plate (24 Karat gold plating is an option), you know immediately it belongs in the Cary family of high-end audio products.

For the analog lover the PH-301 is an almost magical blend of art and technology that will add to your music listening enjoyment hour after hour. Experience the PH-301, experience what vacuum tubes can do to low output moving coil playback. We believe it will change the way you listen to music. *Forever.*



The PH-301 is supplied with a separate power supply. This ensures an extremely quiet operation as well as an even better signal to noise ratio!

### Unit Specifications:

<b>Weight:</b> 16 lbs.	<b>Output Impedance:</b> 2400 Ohms	<b>AC Power</b> 117/234 Volts
<b>Dimensions:</b> 3" H x 7.5" W x 13"D	<b>Tubes:</b> 2 ea 12AU7 Moving Magnet	<b>Requirements:</b> 50-60 Hz
<b>Circuit Type:</b> Direct-Coupled, Single Ended Class A	2 ea 12AX7 Moving Coil	<b>Consumption:</b> 15 Watts Operation
<b>Gain, MM Phono Section:</b> 43 dB	<b>Power Transformer(s):</b> 1 ea EI Laminated, 200% Duty, In Separate Supply	<b>Warm-Up Time:</b> 3 Minutes
<b>Gain, MC Phono Section:</b> 59 dB	<b>Resistors:</b> 1% Metal Film	<b>Break-In Time:</b> 100 Hours
<b>Signal to Noise:</b> 72 dB @0.4 mV Input	<b>Capacitors:</b> Oil Filled, Coupling	<b>Finish:</b> Black Anodized
<b>Frequency Response:</b> RIAA Curve +/- .5 dB	<b>Power Supply:</b> 3 ea 100 uF @450 Volts	Faceplate, Chrome Plated Stainless Steel
<b>Input Impedance:</b> MM 4700, MC 10 - 68000	<b>Capacitors:</b> 6 ea 47 uF @350 Volts	Chassis, Optional 24K Gold Plated Faceplate and Knobs
User Adjustable	<b>AC Cord:</b> 3 Conductor, Attached to Separate Supply	

### Cary Audio Design Inc.

"A Worldwide Statement in Audio Amplification"

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Due to ongoing product development & refinement, specifications are subject to change without notice.