

Dedicated Phono Equalizer Unit

AD-2900



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The AD series Phono Equalizer unit has been newly developed, every time the new pre amplifier series is launched. They are not just a minor update but always thoroughly pursuing the high-performance and sophisticated sound quality that goes with the times.

The AD-2900 is no exception, it's been dramatically improved its sonic performance to perfectly fit with the epoch-making C-2900 pre-amp.

The MC load setting value "200 ohm" is newly applied, high-gained AD-2900 perfectly supports from the vintage masterpiece to the state-of-the-art cartridges.

The AD-2900 fully reproduces the potential of Analog records, and offers the wonderful experience of new discovery from the familiar discs.

Functions

- Gain switchable
 - MC: 64dB, MC: 70dB
 - MM: 34dB, MM: 40dB
- Input impedance selectable
 - MC: 10, 30, 100, 200, 300 ohm
 - MM: 47k ohm



Function buttons on C-2900 sub panel



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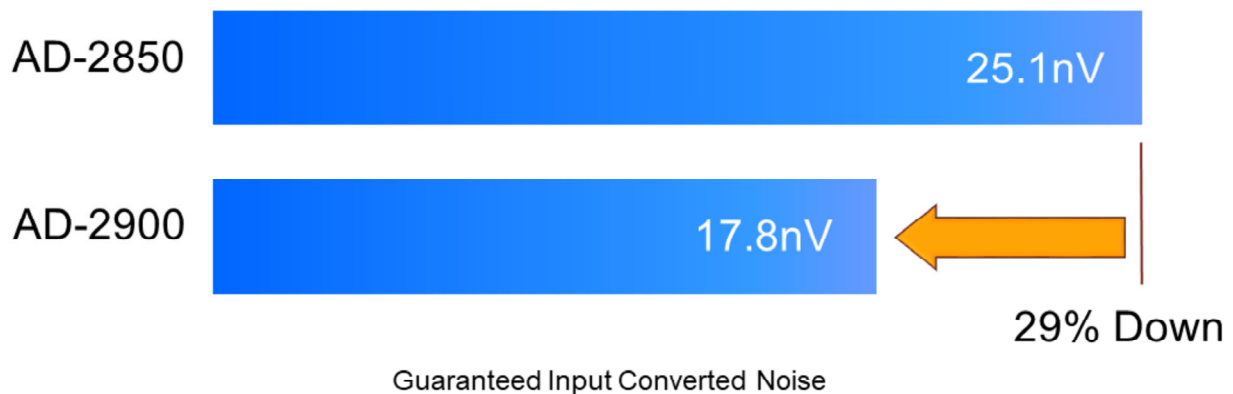
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The gain values can be set to 64/70dB for MC (AD-2850:60/70dB), and to 34/40dB (AD-2850:30/40dB) for MM, It enhances the excellent usability in low gain setting of general cartridges.

The MC Input impedance can be selected from 5 values for MC, “200 ohm” is newly added, they are easily switchable from the C-2900’s front sub-panel. The MM input impedance is fixed to 47k ohm.

Ultra low noise

- 29% lower than the former model
 - Guaranteed Input converted noise: -155dBV



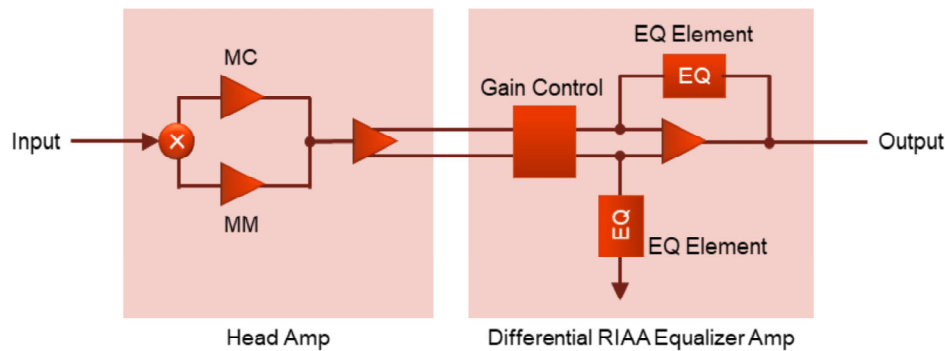
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Optimizing the gain distribution for the Head amp and the RIAA Equalizer amp results in the exquisite noise performance at MC input, AD-2900 achieves 29% lower noise compared to the former AD-2850.

Technology for ultra low noise

- Differential RIAA equalizer configuration
 - Low RIAA equalization errors: $\pm 0.2\text{dB}$ (MC64/70)



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AD-2900 has quite unique configurations, as it consists of two amplifiers, Head Amp and Differential RIAA Equalizer Amp.

The first stage of Head Amp features separate input circuitry, it switches between bipolar-transistor for MC type cartridges and junction-FET for MM type cartridges, and realizes ultra low noise performance.

Differential RIAA Equalizer Amp is balanced input EQ amplifier, it is designed to provide low RIAA equalization errors when changing the AD GAIN value.

Backward compatibility

- Available model
 - C-2800, C-2810, C-2820, C-2850, C-2900
 - C-2400, C-2410, C-2420, C-2450
 - C-290, C-290V



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AD-2900 is supported by not only C-2900 but following models for backward compatibility.

- C-2850, C-2820, C-2810, C-2800
- C-2450, C-2420, C-2410, C-2400
- C-290V, C-290

Remarks;

1. MC LOAD impedance 300Ω and 200Ω is not available for any models other than C-2900, C-2850, C-2820 and C-2420 due to no impedance selector button.
2. For any models other than C-2900, C-2850, C-2820 and C-2420, AD GAIN value should be unified into MC: 60/70dB & MM: 30dB/40dB different from the inscribed values on products.