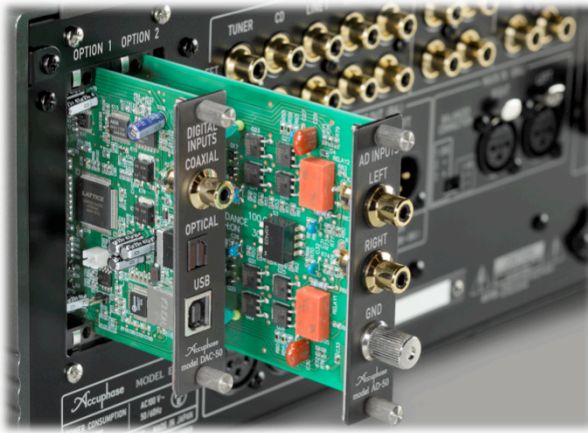


# Analog Disc Input Board **AD-50**



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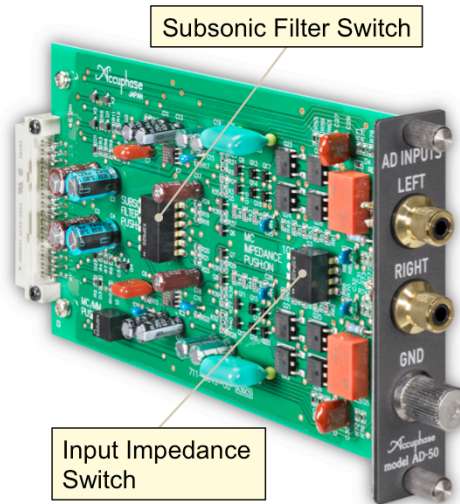
With the release of E-650, Accuphase renews the dedicated Analog Disc Input Board AD-50 to expand the optional capabilities.

AD-50 is the 5<sup>th</sup> generation dedicated Analog Disc Input Board.

The greatest technical feature is ultra low noise performance close to the Phono EQ amp C-37.

# Functions

- MC/MM switchable
  - MC Gain: 66dB
  - MM Gain: 40dB
- Input impedance selectable
  - MC: 30, 100, 300 $\Omega$
  - MM: 47k $\Omega$
- Subsonic Filter
  - 25Hz, 12dB/oct



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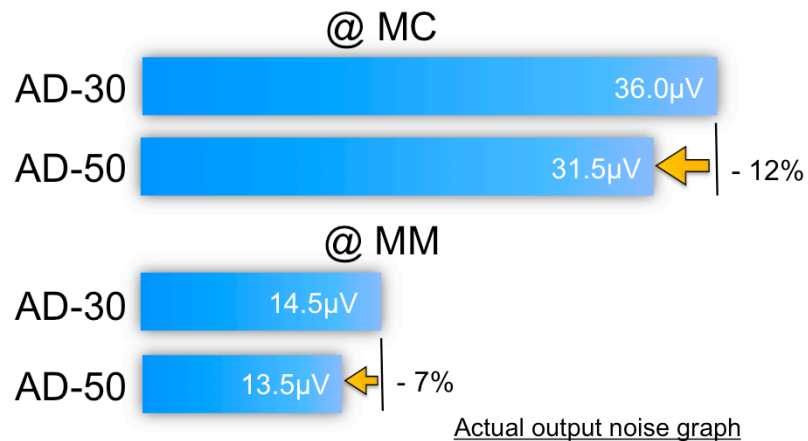
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AD-50 is the function-rich Analog Disc Input Board.

\*\*These functions are all same as AD-30's.

## Ultra Low Noise

- Superior noise characteristics close to the Phono EQ amp C-37



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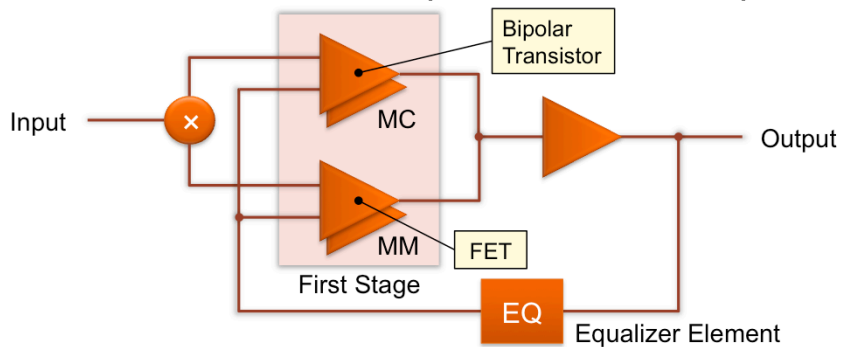
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AD-50 shows the ultra low noise performance. Its output noise voltage is 12% lower than the former model AD-30 at MC setting.

This noise characteristics are close to the Stereo Phono Amplifier C-37.

## Block diagram

- First Stage
  - MC: Paralleled Bipolar Transistor input differential amplifier
  - MM: Paralleled FET input differential amplifier



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AD-50 switches MC/MM setting at first stage to achieve the Ultra low noise performance.

MC setting: Paralleled Bipolar Transistor input differential amplifier

MM setting: Paralleled Junction FET input differential amplifier

## Backward compatibility

- Available models
  - CX-260, C-245/265, C-2000/2110/C-2120
  - E-530/550/560/600/650
  - E-406V/407/408/450/460/470
  - E-306V/307/308/350/360/370
  - E-211/212/213/250/260/270



E-406V in 1996



E-650 in 2017

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AD-50 has the wide backward compatibility, it can be used with not only the current models but lots of legendary amplifiers.