

# Precision SA-CD Transport DP-950



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In 2000, Accuphase launched the SA-CD/CD Transport DP-100 as the legendary Separate SA-CD/CD Player System.

Then in 2006, Accuphase launched DP-800 mounted the in-house developed SA-CD/CD drive. And Accuphase launched DP-900 which had refined the DP-800's drive in 2011.

Now, Accuphase makes 4<sup>th</sup> generation Separate SA-CD/CD Transport, DP-950 which mounts the newly-designed SA-CD/CD drive known to the public.

Main features of DP-950 are...

- Newly-designed SA-CD/CD driver with further developed ultra massive structure and ultimate vibration control.
- Installation of high-quality digital interface HS-LINK Ver.2.

# Front display

- Easy to see: Improved visibility



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DP-950 has refined the numeral display in the front panel from the former model.

DP-950 newly applies 7-segment LED instead of previous dot matrix LED, this new LED allows DP-950 to achieve much better visibility with large character display.

# Operational Feeling Improvement

- Excellent operational feeling of SA-CD/CD button & Tray OPEN/CLOSE button.
  - Internal structure has been improved.



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For audiophiles, the touch and feeling of switches are quite important.

DP-950 is improved the internal structure of SA-CD/CD button and Tray OPEN/CLOSE button, and it offers the excellent operation feeling to them.

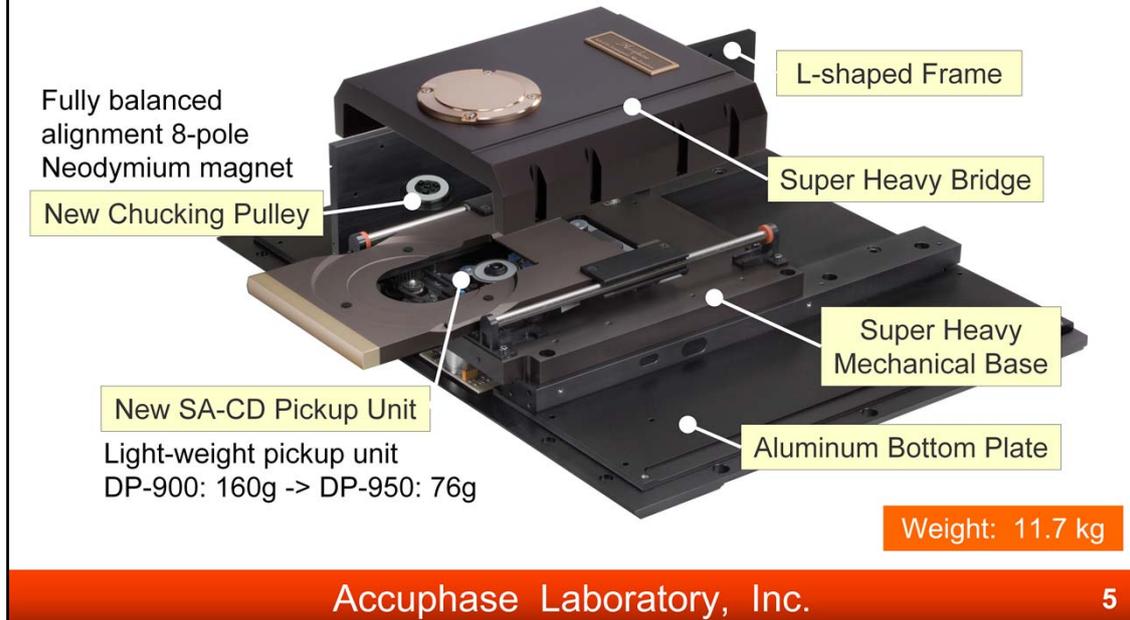
# Dimensions and Weight

- Same unit dimensions but heavier weight



As new DP-950 SA-CD/CD drive enlarged its bridge and mechanical base, unit weight gets heavier than former model even both unit dimensions are same.

# New SA-CD/CD Drive



A SA-CD/CD drive mechanism was newly-designed for DP-950.

The drive mechanism was progressed from the DP-900's philosophy of efficient vibration control and low center of gravity.

A light-weight laser pick up unit is employed as it has the advantage of anti-vibration.

We also re-designed a new chucking pulley that is made of neodymium magnet.

In DP-950, the performance of efficient vibration control and low center of gravity is improved by the dual L-shaped aluminum frames which reinforce the mechanical base.

Comparison of drive mechanism weight;  
DP-900: 10.7kg → DP-950: 11.7kg

# Strong Power Supply

- Separate powering of signal processing circuitry and drive section.



Power Transformers

Power Supply Assembly

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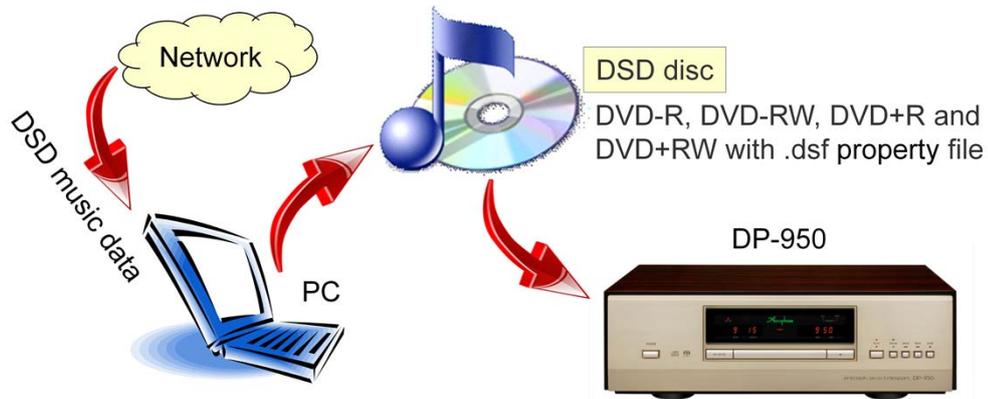
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Power supply with two high-efficiency Toroidal transformers allows separate powering of signal processing circuitry and drive section.

Custom-made high-quality filtering capacitors 4700 $\mu$ F x 10 are equipped. (DP-900: 3000 $\mu$ F x 10)

## “DSD disc” Available

- New SA-CD drive can play DSD discs made with personal computer by yourself



.dsf property file: A kind of music data with DSD format

DSD disc format: <http://www.ps3sacd.com/downloads/DSDDiscFormatSpecs.pdf>

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DSD-disc playback is available.

DSD-disc is a DVD which is written .dsf property music data by PC.

This new SA-CD drive is compliance with DSD-disc standards, so you can enjoy DSD format-music data with DP-950.

## HS-LINK Version2 Available

- HS-LINK is upgraded to Ver.2.
  - Transmits master clock separately
  - Supports up to 384kHz/32bit-PCM,5.8224MHz-DSD
  - Uses the same HS-LINK cable.
- HS-LINK Ver.1 output is still available.
  - Backward compatibility.



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HS-LINK Version 2 extends the HS-LINK standard.

The biggest feature of HS-LINK Ver.2 is separately sending the music signal and the master clock which operates receiver side's D/A converter.

Because HS-LINK Ver.1 sends the music signal merging the master clock together, PLL circuit master clock recovery is needed at receiver side.

Since master clock is been transmitting as it is, in HS-LINK Ver.2, not only master clock recovery is unnecessary at receiver side but it is freed from the jitter at PLL circuit.

For backward compatibility, DP-950 is still available HS-LINK Ver.1 output.