

Aura

neo CD PLAYER ⊕ D/A CONVERTER



User's Manual
Version 1.0

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Introduction



INTRODUCTION

This CD player is more than a compact beautiful case.

The spirit of "neo" is high-definition music.

Equipped with the newest AK4117 digital audio receiver, AK4125 96kHz/192kHz sampling rate converter and high-performance CIRRUS LOGIC CS4398 DAC, "neo" upgrades audio signals from PCs or other digital equipment, and of course, CDs..

Plus, "neo" XLR balanced outputs provide the ultimate signal path for CD playback. Place a disc, put on the stabilizer, close the thick glass lid, and "neo" starts loading. The machine is the vehicle for people to take wherever they want to go. Soon the room is full of music.

EXPLANATION

Like Audio note premier, "neo" uses drive mechanisms from Toshiba and Sanyo. As its digital audio receiver, "neo" uses the AK4117, the newest device from Asahikasei.

Incidentally, "note" has the same devices, but 'neo' has the AK4125 asynchronoas sampling rate converter (ASRC), enabling up-sampling to 96khz or 192khz not only from CDs but also from external digital signals like PCs.

To properly connect with a musical "groove", "neo" delivers a perfect balanced circuit to the XLR analog outputs, and adopts split terminals for the RCA unbalanced outputs. Every part is designed with sound quality as the highest priority.

"Stare at the life and pursue the beauty."

It produces valuable products.



The product design is exactly about "live life". Any kind of product is used in the scene which life and work namely a person "lives" in. The good design is born by a close observation for life and an experience with joy. In the place of the production, it is apt to be often decided a design by utility and productivity. However, it is not possible for the valuable thing when I do it without insatiate pursuit and adventure to the beauty.

Kenneth Rance

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UNPACKING

In the box you will find the following :

- Aura neo
- Retainer Puck for Aura neo
- Power Cord
- PC USB Cable Connector
- Remote Controller
- Owner's Manual
- Dust Cloth

※ Remove all contents. Save the box and packing in case you need to ship the Aura neo. Place the Aura neo on a sturdy surface near your other components and plug in the power cord. When playing CDs, you will open the sliding glass cover, place the disc label side up, put the retainer puck on top of it, and close the glass cover.

Connection

■ Rear Panel



CD Player

Use a pair of XLR (balanced) or RCA (unbalanced) interconnects between the analog output of the Aura neo and the CD input of your preamplifier or integrated amplifier.

When using the balanced connection, the Pin 2 must be positive. Make sure this complies with your other audio equipment. (Consult with your dealer for the modification of the pin connection if necessary)

The balanced and the unbalanced outputs can be connected simultaneously. To use the Aura neo as a dedicated CD transport uses the Digital Output section. The signal output can be directed to an external D/A converter or a digital recording apparatus. The use of a top quality digital, coaxial or optical cable is highly recommended for this application (Consult your local dealer for recommendations).

Digital to Analog Converter

The Aura neo can be used as a top quality 24 Bit/96 kHz Digital to Analog converter. Any input signal can be upsampled up to 24 Bit/192 kHz. Audition carefully for a prolonged period and select the upsampling rate that will best suite your system and listening habit.

There are 2 sets of inputs, one coaxial and the other is optical.

All digital apparatus like DVD player, LD player, Satellite Set Top Box, MD player can be connected with Aura neo as long as their sampling rate is under 24Bit/96kHz. Most DVD players are equipped with a minimum of one coaxial and one Toslink digital outputs.

For connecting to a Surround Processor, you can choose between the coaxial or the optical connection. For listening to 2-channel audio where the primary focus is musical reproduction quality rather than surround sound experience, we recommend the use of the coaxial digital input connection with a first grade 75 Ohm nominal digital cable.

Used as Transport (COAX, OPT)

As S/PDIF output, Aura neo has COAX and OPT connection.

Before Start

■ Front Panel



STANDBY

To turn on and off the unit. Very low level of current is flowing when in STANDBY mode, but when you want to save the power, turn the main power switch off which is located on the back of the unit.

"DISC"

Press the "DISC" button and wait for the disc information to appear in the main CD display. The information will show the number of tracks on the CD and the total playing time. It is an essential for you to press "DISC" button whenever you wish to reset the CD information.

PLAY/PAUSE

Press "PLAY/PAUSE" to play the disc.

One more push will act as "PAUSE" BUTTON. To play again, push this button again.

STOP

Use this button to stop playing the disc.

The CD's embedded information will be shown on the display window.

◀ & ▶

Pressing this button to skip to the previous or following track. Select the desired track by pressing one of the arrow buttons. Play will resume automatically on the selection of your choice.

Pressing marked ▶ button, the track being displayed will start playing from the beginning again. Twice pressing ▶ button, the previous track on the CD will play from the beginning.

While pressing ▶ or ▶ button more than 1 second, it will act as fast-forward or fast-backward key. When you stop pressing this button, it will resume to play selected track automatically.

MODE

Enables selection of source out of 4 choices (COAX, OPT, PC, CD)

When the mode button is pressed, the sources will be displayed for a second. You can press the Mode button continuously to scroll through the inputs. If no action is taken within a second, the displayed mode will be automatically selected.

How to use keys



STANDBY()

Same as "STANDBY" switch of the front panel (red button)

DIMMER

Brightness control in 4 levels

DISC

Reset button

1~0

Use this buttons to set track number directly

PROG

Use this function to play only programmed tracks. For example, to listen to track 8, 3, and 13, press PROG > 8> PROG >3 > PROG > 13 > PROG > PLAY. Then, it will start playing programmed tracks. When you program the track 8, you will press "8" from the key pad then "8" will appear at the last digit window and when "PROG" button is pressed, "8" will move to the track field. To deactivate the "PROG" FUNCTION, PRESS "■" twice.

A - B

Use this function to listen to a customized edit of the track, extremely useful for musicians in the process of learning a part from a recording. During playback, press "A - B" at the beginning of the desired selection. An "RPT A -" will appear on the display window. Press "A - B" at the end of the section, which will change the display to "A - B", and the Aura neo will repeatedly play the edited section until the 'A - B" key is pressed to cancel the time-selected repeat function. ("A - B OFF")

TIME

Press the "TIME" key once to show the total playing time. Press the "TIME" key again to show total remaining time. Press "TIME" a third time to return to the standard display.

REPEAT

Pressing "REPEAT" BUTTON WILL SHOW "RPT ONE" on the display window and this will repeat one track which is playing. If you press this button one more time, it will change to "RPT ALL" which repeats all tracks. By pressing "REPEAT" button again, it will act as "RPT OFF".

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How to use keys



RAND

Pressing this button will play tracks randomly.
(RDM ON / RDM OFF)

MODE

Whenever press "MODE" button, "COAX", "OPT", "PC", and "CD" mode will appear in turns.

UPSAMP

By pressing "UPSAMP" first time, "BYPASS" will appear. By pressing "UPSAMP" again, it will show "SRC 96".

By pressing "UPSAMP" button at a third time, "SRC 192" will appear. When listen to a CD, you can choose wanted sampling rate among BYPASS, SRC 96K, and SRC 192K.

SCAN

Pressing this button will play the beginning of each track for 10 seconds. Press "SCAN" once more to play the entire track. Then "SCAN OFF" will appear.

MODE (in red) / VOL DN (in red) / VOL UP (in red)

These buttons control amplifier section

Specification

MECHANISM	Mechanism by SANYO, Drive Tip Set by TOSHIBA
FREQUENCY	10 ~ 45 kHz
DIGITAL OUTPUT	COAX × 1/OPT × 1
ANALOG OUTPUT	XLR × 1/ RCA × 1
DIGITAL INPUT	PC USB Type B × 1/OPT × 1/TOS × 1
DAC SECTION	CIRRUS LOGIC CS4398 (24bit / 192kHz)
UP-SAMPLER	AK4125 (Selectable BYPASS/96kHz/192kHz)
DIMENSION	H78 × W286 × D278mm
WEIGHT (NET)	4.1kg
ACCESSORY	Remote Controller

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