

Aura

groove INTEGRATED AMPLIFIER



User's Manual
Version 1.0

Aura

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APRIL
music

Introduction



INTRODUCTION

Finally out after a long wait, the integrated amp "groove" is the attractive component achieved by adding new technologies to the proven circuit design of the original Aura. 75W+75W output is secured by arranging MOS-FETs in a parallel push-pull configuration.

With the fresh and warm feeling of an analog amp, the "groove" proves its true worth with a transparent modern representation. This unusual ability is greeted with disbelief by many who hear it. Fanciers of the earlier Aura approve the new version as an authentic successor, especially when it so easily drives a low-efficiency speaker.

A truly contemporary device, "groove" easily connects to iPod or PC with proper cable. You can always be plugged into the music with "groove."

EXPLANATION

The basic circuits is based on old Aura VA50 but has been refined in further details, securing the newest specification on S/N and dynamic range. New power transistors have the same specifications as Hitachi's MOSFET J162 and K1058, but the large-sized toroidal transformer and twin parallel push-pull output configuration yield more output power, 75W+75W.

Aura's characteristic warm sound quality continues today by adopting the original devices, meeting the quality demanded by audiophiles with a Cirrus Logic CS3310 volume control, used in many of high-end products. Despite an analog-only connection, elaborate design with a view toward sound quality allows high-performance playback from iPod. The USB terminal for PC connection makes possible convenient play with high-grade a sound from a hard disk.

The "groove" remote control of can operate both "neo" and iPod.



"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 Rank

Aura groove
INTEGRATED AMPLIFIER

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■ UNPACKING

In the box you will find the following :

- Aura groove
- Power Cord
- PC USB Cable Connector
- iPod connection cable
- Remote Controller
- Owner's Manual
- Dust Cloth

Connection

Rear Panel



1. Analog input (Balanced, Unbalanced)

Both analog (tape decks, phono preamplifiers, etc) and digital devices (CD players, DACs, DVD players) have analog outputs. Typically these are fed to the inputs via coaxial cables fitted with RCA connectors. The Aura groove also has one pair of balanced analog inputs, accepting XLR type cables.

2. Tape Recorder (AUX/REC)

Through REC output from Aura groove, you can record with Tape Recorder using RCA component.

3. Preamplifier (PRE OUT)

- (1) This output enables using another power amplifier, either separately from the Aura groove internal amplifier, or in parallel with it. In the drawing above, output from Aura groove preamplifier connects to external power amplifier input stage.
- (2) Adding a Subwoofer
With small main speakers, adding a separate subwoofer with powerful low bass will improve the musical focus. -In this case, connect main speaker as it is, with preout stage connected to Subwoofer controller input stage. Refer to subwoofer owner's manual for subtle adjustments like Volume, Cut-off frequency, and polarity. Note that the Aura groove preamplifier output is full-range, but that only low frequencies will appear in the subwoofer output. This is because the subwoofer has an input filter that blocks all but the lowest frequencies. Set your subwoofer level so that the bass out put blends perfectly with your main speakers. If the bass is too prominent, your subwoofer level is set too high.

4. PC USB

Most PCs will recognize the Aura groove automatically as an external audio device. If not, please check the USB Audio DAC from the Audio setting under Control Panel on your PC, as follows : 'Control panel' -> 'Sound and Audio Setting' -> 'Audio' and then choose 'USB Audio DAC'

5. iPod

This connection requires an iPod dock control cables and left/right RCA cables.

Before Start

Front Panel



STANDBY

Used to turn on and off the unit. When turned off, the display shows the current time. 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.

VOLUME

Range from 0 to 99 in increments of 1 for a total of 00 steps. Turn volume knob clockwise and counter clockwise to set the volume level.

MUTE

Temporarily shuts off all sound. Useful for stopping the music to answer phone call, etc.

MODE

Enables selection of source out of 6 choices (BALANCE, CD, TUN, AUX, IPOD, and PC)

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.

HEADPHONE

Headphone cable with standard 1/4" plug will fit directly into this jack. Headphones with mini-plugs will need an adaptor (not supplier). Output to the loudspeakers is cut off immediately when headphone is inserted.

How to use



1. CD Player Control Section

STANDBY

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

DIMMER

Brightness control in 5 levels

TIME

ID3 TAG on/off



PREVIOUS TRACK

This button has two functions, and it is marked as . Press once and the track being played will start playing

from the beginning again. Press  twice quickly and the previous track on the CD will play from the beginning.



PLAY & PAUSE

Used for play or pause button



NEXT TRACK

This button only has one function, and is marked as . Press this button once and the next track on the CD will begin playing. Each time you press this button, the next track on the CD will begin to play in the normal ascending numeric order, or the next programmed selection if you have used the "PROG" option.

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".



This button stops the CD playback and the laser from reading the digital information on the disc. It also cancels all programmed functions and enables the current disc to be removed. The CD is now ready to accept another disc or to be switched off at the end of the current listening session.

RAND

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

*Please refer to Aura neo owner's manual for specific detail.

How to use



2. iPod Control Section

Custom-made iPod connection cable is supplied with the package of Aura groove. Connect USB part into the USB port and mini jack part into the mini jack port at the same time. Select source iPod from the remote or front panel MODE button. If there is no iPod connected, "NO IPOD" will be displayed.

If there is an iPod connected correctly, the system will read the iPod and shows the total number of playable songs inside iPod. The function buttons used for CD playback work exactly the same way with iPod.

7 buttons (MENU, ENTER,     ) are used to navigate iPod.

The display from the front panel will show information about the song and the elapsed time. If you doesn't want to see the information except time, press "TIME" to see time only.

MENU

In iPod play mode, pressing "MENU" shows playlist, Playlists, Artists, Albums, Songs, Genres, Composers and used for moving up to upper directory



Moving to previous track



Used for play or pause button



Used for play or pause button



Moving to the next track



Moving down to below directory

How to use



3. Integrated Amplifier Control Section

STANDBY

Puts Aura groove in low-power state, ready to be turned on.



Reserved for future use

DIMMER

5 steps of brightness (off to very bright)

BAL

Selects balanced input

CD

Selects CD

MUTE

One press temporarily shuts off sound from Aura groove. A second press restores it. In CD playback mode, ">||" also shuts off the sound by holding the CD playback

TUNER

Selects Tuner

AUX

Selects Aux

PC

Use Aura groove's mode button to select "PC" or press "PC" from the remote. Both PC and Aura groove have volume controls. You will need to use both for optimum results, with the computer's volume controls typically at maximum.

If you connect your monitor to your screen or TV, you can easily enter into the realm of the real PC-based home theater.

iPod

Selects iPod

DN-VOL-UP



Changes volume in 1 step from 00 to 99

Specification

OUTPUT POWER	75W + 75W(8Ω)
POWER TRANSISTOR	HITACHI J162/K1058 MOS-FET 2 Parallel Push-Pull
ANALOG INPUT	XLR × 1 / RCA × 3 / iPod × 1
ANALOG OUTPUT	PRE OUT × 1 / REC OUT × 1
DIGITAL INPUT	PC USB TYPE B × 1
VOLUME	Cirrus Logic CS3310
DIMENSION	H75 × W286 × D300mm
WEIGHT(NET)	6.5kg
ACCESSORY	Remote Controller

April Music, Inc.

B1, Alpha Bldg., 894-18, Bangbae 1-Dong, Seocho-Gu,
Seoul 137-061, Korea
TEL : +82-2-3446-5561
FAX : +82-2-3446-5561
URL : <http://www.aprilmusic.com>
E-mail : info@aprilmusic.com