

SANSUI



Basic Audio Legacy **VINTAGE**

B-2301L / B-2201L

300W + 300W High-Grade Stereo Power Amplifier

200W + 200W High-Grade Stereo Power Amplifier

Sansui



300W + 300W High-Grade Stereo Power Amplifier

B-2301L

Standard price ¥530,000



200W + 200W High-Grade Stereo Power Amplifier

B-2201L

Standard price ¥410,000

Main standards

B-2301L

B-2201L

300W + 300W (82Hz, 20Hz-20kHz) ... Rated output ... 200W + 200W (80Hz, 20Hz-20kHz)

880W + 880W (22) ... Dynamic Power ... 680W + 680W (22)

680W+680W(4Ω) 480W+480W(4Ω)

480W+480W(8Ω) 300W+300W(8Ω)

0.003% or less (at rated output, 10Hz-20kHz) ... Total harmonic distortion ... 0.003% or less (at rated output, 10Hz-20kHz)

Intermodulation distortion rate: 0.003% or less (60Hz:7kHz 4:1)

DC-300kHz(±2dB)...Frequency characteristics...DC-300kHz(±2dB)

120dB..... SN ratio 120dB

±300V/μs.....Slew rate..... ±300V/μs

0.5μs.....Rise time..... 0.5μs

1V(15kΩ)Normal/2V(10kΩ)Balanced.....入力..... 1V(15kΩ)Normal/2V(10kΩ)Balanced

Below the measurement limit limit: TIM strain... Below the measurement limit

Below the measurement limit... Envelope distortion... Below the measurement limit

530W (according to the Electrical Equipment Control Law) ... Rated power consumption ... 407W (according to the Electrical Equipment Control Law)

474(W)×215(H)×498(D)mm... Dimensions 474(W)×215(H)×498(D)mm

38kg Weight 36kg

The best partner for achieving balanced drive from line output to speaker output.

This high-grade control amplifier employs a "balanced amplification circuit," a revolutionary innovation in amplifier circuit technology. It incorporates only the finest components, carefully selected for their characteristics and sound quality. Furthermore, it features a luxurious construction with thorough vibration isolation, eliminating interference and flux effects between circuits. This dedication to every aspect of this high-grade stereo control amplifier—from materials and circuitry to mechanical design—has resulted in a sound quality that transcends dimensions. It also boasts a wealth of control functions befitting a control amplifier of the new era.

c-2301
Basic Audio Legacy VINTAGE
Standard price ¥550,000



A cable for balanced drive systems that delivers clean and pure signal transmission.

This is a high-grade audio cable with electrostatic and electromagnetic shielding, featuring top-of-the-line professional-grade XLR connectors from Swiss company Neustrique for both input and output terminals. When combined with the C-2301 and B-2301L/B-2201L cables, it achieves ideal clean and pure signal transmission, enabling perfectly balanced drive from line output to speaker output. The cable also features a professional-grade red

(RIGHT)Blue (LEFT) color scheme. High-grade XLR audio cable.

PS-03 Standard price ¥16,000
(3m cable x 2)



Shop with confidence at our store.

- Fukuoka
Store Sawando World
4-4-11 Tenjin, Chuo-ku, Fukuoka City



Sansui Electric Co., Ltd. 2-14-1 Izumi,
Suginami-ku, Tokyo

Created in December 1985

Improvements, the warranty is included without prior notice, except for TEL 09 2272150. Please check the contents to be filled in at the store where you purchased the product and keep it safe. The minimum return period for repair (WTL) is 8 years after the discontinuation of manufacturing for stereos. (Excluding other audio products.) For product inquiries, please contact Sansui Information Service (003-324-9781). Also
For product inquiries, please contact Sansui Information Service (003-324-9781). Also
For product inquiries, please contact Sansui Information Service (003-324-9781). Also

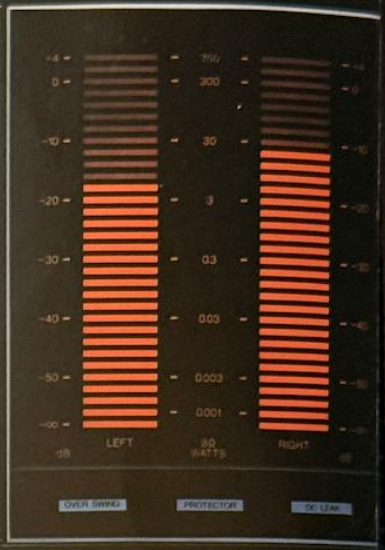


True reality lies within boundless transparency.

The "fully balanced configuration" from input to speaker output is the first point we want to emphasize when discussing the B-2301L/B-2201L power amplifiers. The results of the "balanced configuration," which completely eliminates various sound quality degradation factors surrounding the ground line and dramatically improves the speaker driving capability, have already been proven. In the B-2301L/B-2201L, we have boldly pushed forward with detailed refinements to further enhance this. First, we have incorporated a large amount of the latest custom-made parts obtained during the development of the C-2301 control amplifier. While refining the auditory quality, we have also further improved the driving power at low impedance of reactive loads and speaker loads by adopting a powerful power supply section. Regardless of whether the source is analog or digital, the sound is thick, dense, and full-bodied with power. While adhering to this sound policy, it shows an unprecedented brilliance in the sharpness of a moment and the delicacy of musical expression. Experience the "balanced transmission and balanced amplification" achieved through combination with the best partner, the C-2301. Enjoy to your heart's content the purest sound art that transcends dimensions.

Basic Audio Legacy **VINTAGE**
B-2301L / B-2201L
 300W + 300W High-Grade Stereo Power Amplifier 200W + 200W High-Grade Stereo Power Amplifier

Sansui STEREO POWER AMPLIFIER B-2301L



RIGHT SPEAKER (4-16Ω)
HOT +
COLD -

NORMAL INPUT
LEVEL dB
0
-3
-6
-20

BALANCED INPUT
LEVEL dB
0
-3
-6
-20

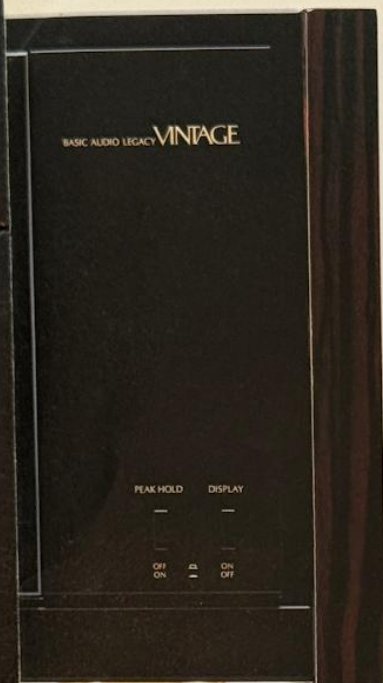
INPUT SELECTOR
NORMAL OFF BALANCED

GND

B-2301L
Sansui Electric Co., Ltd. Tokyo, Japan
Distributed by Sansui America, Inc. 2410 Alvarado Street, Torrance, CA 90503
Sansui Electric Co., Ltd. 2-4-1, Zaimi, Suginami-ku, Tokyo 168

Caution! Top cover electric shock and fire danger remove

Furthermore, to deepen the richness,



This power amplifier achieves the ultimate sound by dedicating equal luxury to the three factors of materials, circuitry, and mechanical design.

When designing a modern power amplifier, it's essential to consider how it can handle digital sources. This goes beyond simply handling momentary peaks, which is often discussed; it also requires a rigorous re-examination of how to convert low-level musical information—which would be lost in noise with conventional analog sources—into high-resolution sound. In short, the mission of a new-era power amplifier is to achieve an unprecedented level of balance between high power and delicate nuances.

The B-2301L/B-2201L incorporates all of Sansui's accumulated amplifier-making know-how. Furthermore, it is a model born with the aim of creating a power amplifier that will truly define an era, by incorporating original circuit technology and the latest top-of-the-line parts. The three major factors of "materials," "circuits," and "mechanical design" were pursued without the slightest compromise. And thorough listening tests were conducted, with modifications and listening, and with changes in materials and listening. The B-2301L/B-2201L—here you will find the ideal coexistence of power and delicacy.

Quality Parts

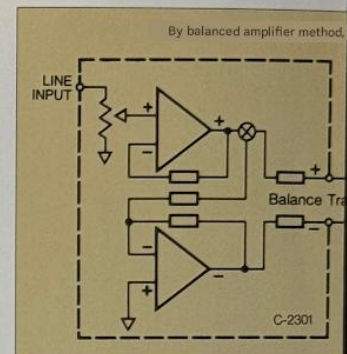
Featuring the latest custom-made parts, as well as a selection of high-quality parts chosen for their sound and characteristics. No matter how perfect the circuit design, if there are problems with the quality of the parts used, there will naturally be limits to the pursuit of sound quality. In other words, using high-quality parts is fundamental to improving the sound quality of an amplifier. With the B-2301L/B-2201L, we were fully aware of this and developed custom parts ourselves that pursue not only physical characteristics but also musical reproduction through thorough listening. From the low equalization impedance PF (Pure Focus) capacitors used in the power supply section, to the refined copper foil polystyrene capacitors with damping material that have enhanced vibration damping in the signal path, to the best power transistors treated with vibration damping using pure copper plates to eliminate resonance, and furthermore, we have fully incorporated only the parts that we believe to be the best at present, such as RM-A resistors with non-magnetic lead wire and gold plating at the joint between the lead wire and the resistor.

In addition, the input terminals (pin jacks) are gold-plated to a thickness 5 to 6 times thicker than usual, and the ground terminal has also been newly gold-plated.

Circuit Design

When you pursue the ultimate in pure signal transmission, this is what you arrive at: fully balanced drive. The core of the circuit configuration is "balance increase"

This is the "Width Circuit." This is a groundbreaking system developed by Sansui as a new amplification and transmission method for amplifiers. It has brilliantly achieved three themes: <No impact on the ground>, <No impact on ground potentials>, and <Accurately drives speakers>. It realizes the pure amplification and transmission that is the original role of a power amplifier, and the accurate driving force that brings out the full potential of the speakers. It is truly compatible with all speaker systems, including large floor speakers.



The power supply is the key to achieving high quality in an amplifier.

A powerful 4-power system that truly makes that fact real.

The large power supply section occupies almost the entire

internal volume of the B-2301L/B-2201L. Pay particular attention to

its enormous transformer. The B-2301L is equipped with a massive 1.4kVA transformer, comparable in capacity to even power amplifiers with twice the output. Moreover, unique know-how has been poured into the coil winding method, and even the filling material has been carefully selected for sound quality, and there is no unpleasant transformer hum. With this transformer at its core, the same large-capacity, high-quality PF (Pure Focus) capacitors are used. A powerful 6-power supply system with independent stage and L/R power supplies is constructed. It fully supports the inherent high power with ample headroom and achieves exceptional responsiveness even to transient peak inputs. This is a luxurious, powerful, and extremely stable power supply section that truly symbolizes Sansui's traditional power supply-first philosophy.

Construction

The mechanism is designed to take into account magnetic interference and the negative impact of even slight vibrations on sound quality.

The fundamental principles of the construction can be summarized

in three points: ① blocking electromagnetic wave interference, ②

suppressing vibrations, and ③ eliminating magnetic materials

from the constituent materials. This has been pursued without

compromise, resulting in an extremely meticulous design that permeates

every detail. A prime example of this is the pure copper sub-chassis.

The use of copper was chosen because of its excellent electromagnetic

shielding and electromagnetic wave shielding properties, as well

as its superior vibration damping due to its moderate internal loss.

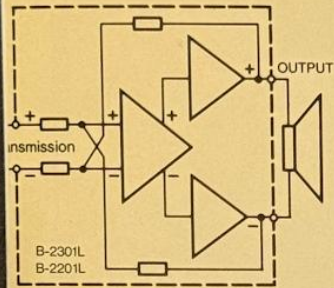
Unrivaled strength and delicacy

This could be considered ideal circuit technology.

<When combined with C-2301>

From the line input of the control amplifier to the speaker output of the power amplifier, a fully balanced drive can be achieved. This is fundamentally different from "balancing" merely the transmission of signals; it "balances the amplification system itself" enabling purer amplification and transmission of the music signal. ✓

Illustration of balanced amplification and transmission



In addition, copper is used in key areas, such as the pure copper case and the pure copper base of the speaker terminals, pursuing shielding and vibration suppression effects not only in terms of structure but also in terms of materials.

Furthermore, thorough measures were taken to "vibrate" the power transistors. The transistors are sandwiched between a specially made aluminum block and a pure copper plate (PAT. PEND.), and then firmly fixed to a large heatsink. This significantly reduces vibrations that greatly affect sound quality while also preventing electromagnetic radiation.

Furthermore, the circuit board is made of lath epoxy (B-2301L), which is extremely resistant to aging. The printed pattern on it is also 140 μ m thick, four times thicker than usual, resulting in low impedance in both DC and AC directions, and minimizing transmission loss of music signals.

<Other features>

1 The input level adjustment uses an attenuator type, which is considered ideal for sound quality.

2 Equipped with a logarithmic compression LCD power meter capable of reading down to -60dB. In addition to excellent responsiveness, this multi-functional meter allows switching between peak indication and peak hold indication.

Furthermore, because a dedicated transformer is used for this meter, the meter does not become a load on the signal circuit and does not affect sound quality.

3 Equipped with an indicator linked to the protection circuit.

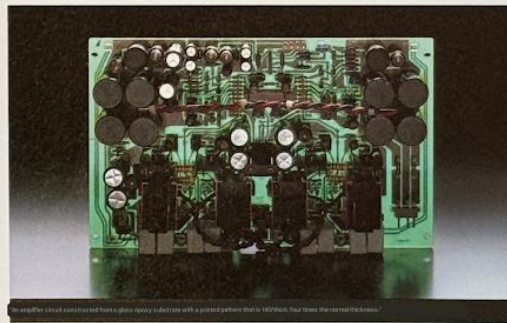
4 When a DC input is detected, the protection circuit activates and the "DC LEAK" indicator lights up. 5 In case of oscillation due to incorrect connection or a load short circuit, the "Protector" indicator lights up. 6 When there is an excessive input, the "Over Swing" indicator lights up. If excessive input occurs continuously, the protection circuit will activate.



A powerful power supply section consisting of a large-capacity 1.4kVA transformer and high-quality PF (Pure Food) capacitors. Additionally, a dedicated transformer is installed for the meter.



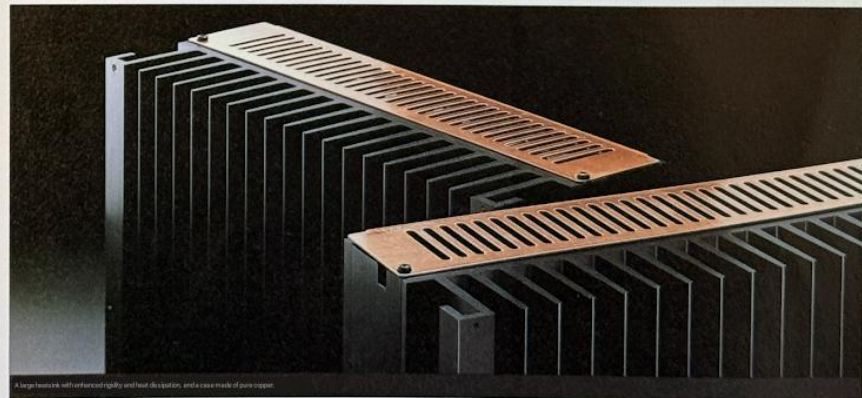
A selection of custom-made parts carefully chosen for their sound quality, including top-of-the-line power transistors, damping resistor-ventilated copper electrolytic capacitors, and the attenuator.



The amplifier circuit is constructed from a lath epoxy substrate with a printed pattern that is 140 μ m thick to reduce the internal inductance.



Large heat sink and amplifier circuit.



A large heatsink with enhanced rigidity and heat dissipation, and a case made of pure copper.

Audio Legacy VINTAGE

coexistence **B-2301L/B-2201L**

Standard price ¥530,000

Standard price ¥410,000

This power amplifier achieves the ultimate sound by dedicating equal luxury to the three factors of materials, circuitry, and mechanical design.

When designing a modern power amplifier, it's naturally impossible to neglect compatibility with digital sources. In addition to the often-discussed ability to handle momentary peaks, this also requires a rigorous re-examination of how to convert low-level musical information—which would be buried in noise with conventional analog sources—into sound with high resolution. In other words, the mission of a new-era power amplifier is to achieve an unprecedented level of balance between the seemingly contradictory abilities of high power and delicacy.

The B-2301L/B-2201L incorporates all of Sansui's accumulated amplifier-making expertise.

Furthermore, it is a model born with the aim of creating a truly groundbreaking power amplifier, incorporating original circuit technology and the latest top-of-the-line components.

The three major factors—"materials," "circuits," and "mechanism design"—were pursued without the slightest compromise. We then conducted thorough listening tests, making adjustments and listening again, changing materials and listening again. B-2301L/B-2201L—here you will find the ideal coexistence of power and delicacy.

Quality Parts

Featuring the latest custom-made parts, as well as a selection of

high-quality parts chosen for their sound and characteristics.

No matter how perfect the circuit design, if there are problems with the quality of the parts used, there will naturally be limits to the pursuit of sound quality. In other words, using high-quality parts is fundamental to improving the sound quality of an amplifier. With the B-2301L/B-2201L, we were fully aware of this and developed custom parts ourselves that pursue not only physical characteristics but also musical reproduction through thorough listening. From the low equalization impedance PF (Pure Focus) capacitors used in the power supply section, to the refined copper foil polystyrene capacitors with damping material that have enhanced vibration damping in the signal path, to the best power transistors with vibration damping treatment using pure copper plates to eliminate resonance, and furthermore, RM-A resistors with non-magnetic lead wire and gold plating, we have fully incorporated only the parts that we believe to be the best at present.

In addition, the input terminals (pin jacks) are gold-plated to a thickness 5 to 6 times thicker than usual, and the ground terminal has also been newly gold-plated.

Circuit Design

When you pursue the ultimate in pure signal transmission, this is what you arrive at: fully balanced drive.

The core of the circuit configuration is "balance increase"

This is the "Width Circuit." This is a groundbreaking system developed by Sansui as a new amplification and transmission

method for amplifiers. It brilliantly achieves three themes:

<No impact on the ground>, <Unaffected by ground

potentials>, and <Accurately drives speakers>. It combines the pure amplification and transmission that is the original role of a power amplifier with fully bringing out the capabilities of the speakers.

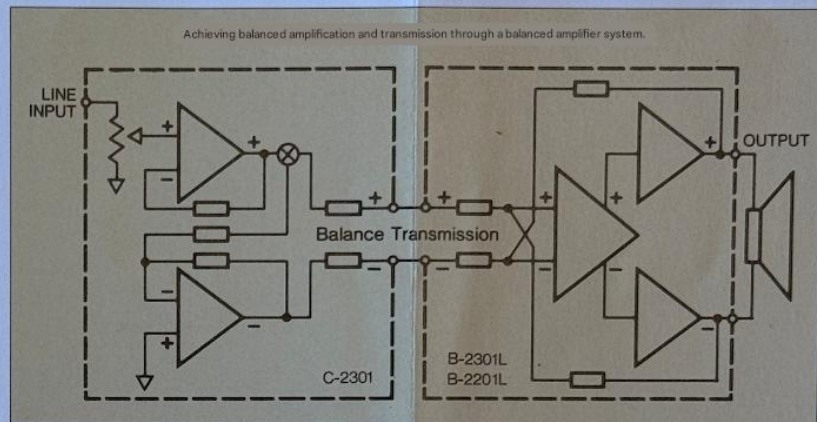
Achieves precise driving force. Truly, a large floor speaker

Compatible with all speaker systems, including car speakers. ↗

This could be considered ideal circuit technology.

<When combined with C-2301>

From the line input of the control amplifier to the speaker output of the power amplifier, a fully balanced drive can be achieved. This is fundamentally different from "balancing" merely the transmission of signals; it "balances the amplification system itself," enabling purer amplification and transmission of the music signal. ↙



The power supply is the key to achieving high quality in an amplifier.

A powerful 6-power system that truly makes that feel real.

The large power supply section occupies almost the entire

internal volume of the B-2301L/B-2201L. Pay particular attention to

its enormous transformer. The B-2301L is equipped with a massive 1.4kVA transformer, comparable in capacity to even a power

amplifier with twice the output. Moreover, unique know-how has been poured into the coil winding method, and even the filling

material has been carefully selected for sound quality, and there is no

unpleasant transformer hum. With this transformer as the

core, the same large-capacity, high-quality PF (Pure

Focus) capacitors are used. A powerful 6-power supply

system is configured with independent stage and independent L/R. It fully supports the inherent high power with ample

headroom and achieves exceptional responsiveness even

to transient peak inputs. This is a luxurious, powerful, and

extremely stable power supply section that truly symbolizes

Sansui's traditional power supply-first philosophy.

Construction

The mechanism is designed to take into account magnetic interference and the

negative impact of even slight vibrations on sound quality.

The fundamental principles of the construction can be summarized

in three points: ① blocking electromagnetic wave interference, ②

suppressing vibrations, and ③ eliminating magnetic materials from the

constituent materials. This has been pursued without compromise,

resulting in an extremely meticulous design that permeates every

detail. A prime example of this is the pure copper sub-chassis. The

use of copper was chosen because of its excellent electromagnetic

shielding and electromagnetic wave shielding properties, as well as

its superior vibration damping due to its moderate internal loss.

In addition, we have incorporated copper in key areas, such as a pure copper case and pure copper bases for the speaker terminals,

pursuing shielding and vibration suppression effects not only in terms of structure but also in terms of materials.

Furthermore, thorough measures were taken to "vibrate" the

power transistors. The transistors are sandwiched between a specially

made aluminum block and a pure copper plate (PAT. PEND),

and then firmly fixed to a large heatsink. This significantly

reduces vibrations that greatly affect sound quality while also

preventing electromagnetic radiation.

Furthermore, the circuit board is made of lath epoxy (B-2301L),

which is extremely resistant to aging. The printed pattern

on it is also 140μ thick, four times thicker than usual, resulting

in low impedance in both DC and AC directions, and minimizing

transmission loss of music signals.

<Other features>

The input level adjustment uses an attenuator type, which

is considered ideal for sound quality.

Equipped with a logarithmic compression LCD power meter capable

of reading down to -60dB. In addition to excellent responsiveness,

this multi-functional meter allows switching between peak indication

and peak hold indication.

Furthermore, because a dedicated transformer is used for this

meter, the meter does not become a load on the signal circuit and

does not affect sound quality.

Equipped with an indicator linked to the protection circuit.

When a DC input is detected, the protection circuit activates and the

"DC LEAK" indicator lights up. In case of oscillation due to incorrect connection

or load short circuit, the "Protector" indicator lights up. When there

is excessive input, the "Over Swing" indicator lights up. If excessive

input continues, the protection circuit will activate.

The meter reads 1.4kVA.

Eliminate resonance

Eliminate resonance



True reality lies within boundless transparency.

The "fully balanced configuration" from input to speaker output is the first point we want to emphasize when discussing the B-2301L/B-2201L power amplifiers. The results of the "balanced configuration," which completely eliminates various sound quality degradation factors surrounding the ground line and dramatically improves the speaker driving capability, have already been proven. In the B-2301L/B-2201L, we have boldly pushed forward with detailed refinements to further enhance this. First, we have incorporated a large amount of the latest custom-made parts obtained during the development of the C-2301 control amplifier. While refining the auditory quality, we have also further improved the driving power at low impedance of reactive loads and speaker loads by adopting a powerful power supply section. Regardless of whether the source is analog or digital, the sound is thick, dense, and full-bodied with power. While adhering to this sound policy, it shows an unprecedented brilliance in the sharpness of a moment and the delicacy of musical expression. Experience the "balanced transmission and balanced amplification" achieved through combination with the best partner, the C-2301. Enjoy to your heart's content the purest sound art that transcends dimensions.

True reality lies within boundless transparency.

The "fully balanced configuration" from input to speaker output is the first point we want to emphasize when discussing the B-2301L/B-2201L power amplifiers. The results of the "balanced configuration," which completely eliminates various sound quality degradation factors surrounding the ground line and dramatically improves the speaker driving capability, have already been proven. In the B-2301L/B-2201L, we have boldly pushed forward with detailed refinements to further enhance this. First, we have incorporated a large amount of the latest custom-made parts obtained during the development of the C-2301 control amplifier. While refining the auditory quality, we have also further improved the driving power at low impedance of reactive loads and speaker loads by adopting a powerful power supply section. Regardless of whether the source is analog or digital, the sound is thick, dense, and full-bodied with power. While adhering to this sound policy, it shows an unprecedented brilliance in the sharpness of a moment and the delicacy of musical expression. Experience the "balanced transmission and balanced amplification" achieved through combination with the best partner, the C-2301. Enjoy to your heart's content the purest sound art that transcends dimensions.

Basic Audio Legacy **VINTAGE**

B-2301L / B-2201L

300W + 300W High-Grade Stereo Power Amplifier

200W + 200W High-Grade Stereo Power Amplifier