

Sonneteer

Brontë

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Instruction Manual

Introduction

Thank you for purchasing the new Sonneteer Brontë Class-T digital integrated amplifier. For your safety and proper operation of your amplifier, please take time reading this manual fully before installing and operating the amplifier.

Safety notice:

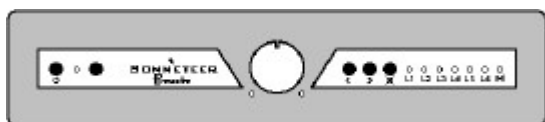
- **DANGER! HIGH VOLTAGE! RISK OF ELECTRIC SHOCK!**
- Lethal voltages are present inside the unit. Always unplug the amplifier completely from mains outlet before connecting or disconnecting anything.
- No user-serviceable parts inside. Please refer all servicing to qualified service agents.
- Never expose the unit to water, moisture, extreme cold or direct sunlight.
- It is advisable to unplug the unit from the mains when a thunderstorm is expected.

Cleaning your amplifier:

- Always unplug the unit from mains before cleaning the unit.
- Do not use solvents of any kind to clean the unit, only use a soft-dry cloth.

Sonneteer reserves the right to change specifications without prior notice.

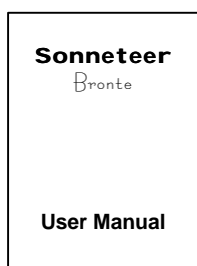
This box contains the following:



Amplifier
(with mains cable)



Remote handset
(with batteries)

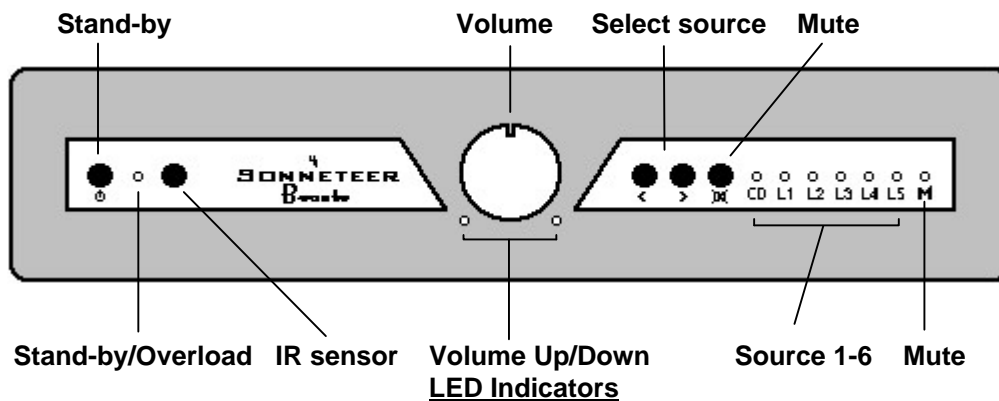


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Optional Earth Cable

Front panel controls and indicators:



The Bronte digital has many internal protection features:

Short circuit protection – If speaker wires are accidentally short circuited.

Overload protection – If the input level is too high for safe operation.

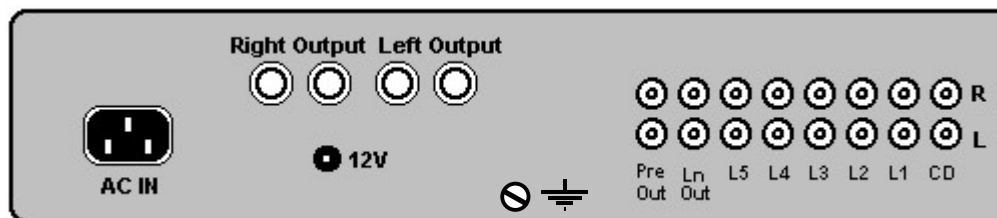
DC offset protection – speaker protection against DC voltage.

In case of any of the above occur during operation, the amplifier will automatically disconnect its output from your speakers (and the Stand-By LED will glow at half brightness).

If this happens please disconnect from mains, turn your volume control down, check your connections and reconnect the amplifier.

Note: By switching the amplifier to Stand-By will not reset the protection circuitry, please disconnect from mains and reconnect after checking all connections. If the symptom persists, consult your dealer.

Rear Panel connections:



AC IN: Connect to mains outlet.

(Do this after all connections to the amplifier have been made and checked)

Right Output: Connect this out to your Right Speaker (Red = Positive).


Left Output: Connect this out to your Left Speaker (Red = Positive).

12V DC: This is used to simultaneously switch on the optional Bronte power amplifier.

Pre Out: Variable output for use with the optional Bronte power amplifier.

Ln Out: Line level output for use with tape decks etc.

CD - L5: Available source inputs.
(top row = Right channel, bottom row = Left Channel)

 **Earth Tag:** If you are experiencing static build-up interference in your system, connect the optional Earth Cable Supplied here to your CD player.

Remote Control Functions

Stand-By button:

Turns the amplifier on or Stand-by.

Source selection:

Directly selects the listening source.

Vol+ / Vol -:

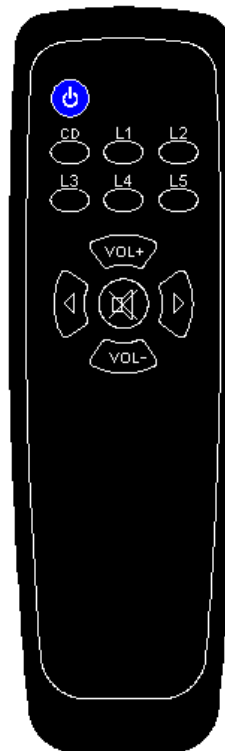
Increase or decrease the amplifier output volume.

Mute:

Mutes the amplifier output.

Left / Right:

Scroll source selection left or right.



Other useful amplifier features:

Each time the mains is connected, the amplifier will automatically go into Stand-By mode. If you switch on the amplifier from here the CD source is selected first.

Each time you switch your amplifier to Stand-By, its internal memory will store your last selected source, so when you switch on the amplifier next, it will automatically return to the last selected source.

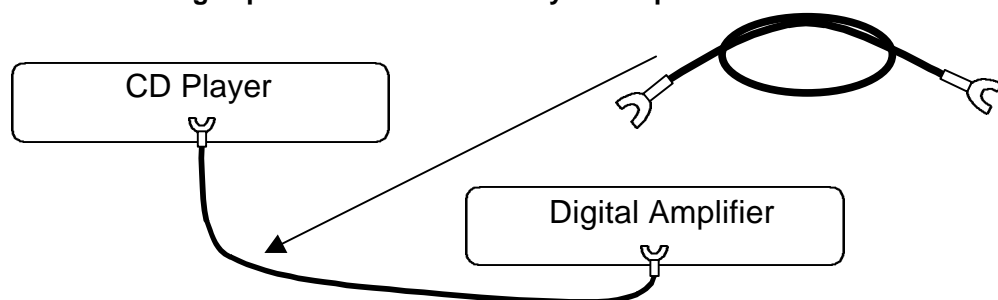
Mute function:

When mute is ON, apart from pressing the Mute button again, pressing the Volume buttons will also cancel the mute function.

A Note on Static Build-Up.

Class –T Digital Amplifiers work at a much higher switching frequency than conventional digital amplifiers. In order to prevent static build-up between your components, we have provided an optional earth cable to be used to connect between your CD player and your Amplifier to achieve optimum performance.

Earth connection screw tag is provided at the back of your amplifier



Technical specification:

Power	55Wrms	@8 Ohms	0.1%THD+N
	98Wrms	@8 Ohms	1.0% THD+N
	120Wrms	@4 Ohms	0.1% THD+N
	150Wrms	@4 Ohms	1.0% THD+N
Input impedance	10k Ohms		
Gain	31dB		
Input sensitivity:	400 mVrms		
Bandwidth	8Hz to 80kHz		
THD	0.04%	@1kHz	@50Wpch
	0.05%	@10kHz	@50Wpch
Size (mm)	434 x 74 x 280		
Fuse Values:			
UK/Europe/Australasia:	230V/240V; T 2.5 Amp		
USA/Canada	110V/120V, T 4.0 Amp		

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If your remote fails to operate the amplifier, please check the batteries first and that the IR sensor on your amplifier is not obstructed!

If a fault occurs, please refer to your dealer. Do not attempt to repair the unit yourself!

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P.O. Box 163C, Esher, Surrey, KT10 0YH, England.
www.sonneteer.co.uk