

**Bladelius**  
**Thor**

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This symbol is intended to alert you to the presence of un-insulated, dangerous voltage within the unit's case that may be sufficient magnitude to constitute a risk of electric shock.



This symbol is intended to alert you to the presence of important operating and maintenance instructions in the literature accompanying this unit.



To prevent fire or shock hazard, do not expose this unit to rain or moisture.



To avoid electrical shock, do not open the unit's case, there are no serviceable parts inside.



Refer all servicing to qualified personnel only.



Do not dispose this product with communal waste. Please adhere to local regulations regarding disposal of electronic equipment. If you are uncertain, please contact your dealer.



Marking by the "CE" symbol (shown left) indicates compliance of this device with the EMC (Electromagnetic Compatibility) and LVD (Low Voltage Directive) standards of the European Community.

The information contained in the manual is subject to change without notice. The most current version of this manual will be posted on our web site at <http://www.bladelius.com>.

## INTRODUCTION

Thank you for purchasing the BLADELIUS Thor amplifier.

Your Thor is a state-of-the-art unit, and has been assembled by highly skilled BLADELIUS craftsmen to provide you with many years of listening pleasure. Our unit's esteem arises from the way we handle musical signals. BLADELIUS develops products for people who wish an absolutely natural and enjoyable music reproduction.

## BURN- IN



Due to the extremely advanced circuitry designed and built into this piece of equipment, a significant "burn-in" period is required before the unit will reach its maximum sonic potential.

We recommend the unit be left on (or in standby mode) at all times, especially during the first 5-6 weeks of operation, in order to speed the "burn-in" process.

For best results, the Thor should be left on or in the standby mode at all times. The unit should not be switched off by removing the power cord unless the unit will not be used for a significant period of time (during vacations, etc.).

## DESIGN

Reduction is the principle for the shaping of all BLADELIUS components. The unobtrusive design harmonizes with almost every environment and does not compete with your personal sphere. The form refers to the tonal ability of the product line, whose composure and strength manifests a well-balanced equilibrium.

## BALANCED SIGNALS

Balanced signal transmission means that two signal lines are used which carry the same signal with opposite phase. On the receiving side, the signals are mixed. Since any noise interference that has arisen during transmission will be present in both lines with identical phase, such noise is cancelled out, leaving only the pure original signal. Balanced connection therefore keeps the signal transfer free from any kind of interference.

## UNPACKING

When you have received your Thor, you should make sure that the shipping box is not damaged. If however, that should not be the case, please contact your dealer. Please unpack your unit carefully; there are several parts that can be damaged. We suggest that you to keep your box and shock absorbers. Save your plastic bag, inserts, and carton. You may need these later for transporting the Thor or for shipment in the event it ever requires factory service. Record the serial number (on rear panel) here for future reference: \_\_\_\_\_

Please make sure that your shipping box contains the following:

**BLADELIUS Thor**

Remote control

Power cord

2 LR03 (AAA) batteries (mounted in the remote control)

Owner's manual

## PLACEMENT

The Thor functions best when placed on a flat, stable surface. Never place the Thor near heat sources such as radiators, stoves, fireplaces or other heat-producing appliances. Avoid placing the Thor where it will be subjected to direct sunlight or extremely low temperature.

Avoid placing the Thor near strong electromagnetic fields, such as large power amplifiers. Placement of the unit near these fields can lead to problems with hum.

## CLEANING

To clean the unit, use only a soft tissue (Kleenex type). Never apply abrasive cleaners to the outer surfaces of the unit.

**Note!**



At no time should liquid cleaners be applied directly to the Thor, as direct application of liquids may result in damage to electronic components within the unit.

# Rear Panel

## 1. PRE OUT

If you want to use your Thor as a pre-amp, just connect your power amplifier to the Pre out with RCA connectors.

## 2. TAPE OUT

Make sure you connect your inputs and outputs of the Right and Left channels consistently; otherwise channels could be reversed when you replay a tape you had recorded through this system.

## 3. UNBALANCED INPUTS

Each input has the same input sensitivity and impedance and is compatible with any typical analog line level source: DAT, MD, DVD, output of a Laserdisc or VCR, D-A converter, tape deck or phono pre-amplifier.

## 4. OUTPUT CONNECTORS

The outputs marked + or - respectively should be connected to the corresponding connectors on your loudspeakers.

## 5. BALANCED INPUTS

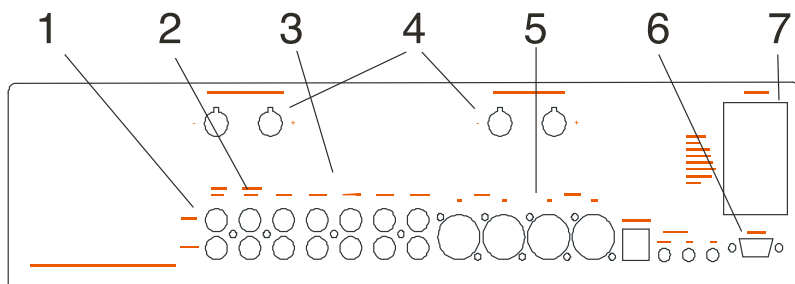
The two balanced inputs are intended to be used if your sources have XLR-outputs. If your source/sources are not equipped with XLR-outputs, please use the line-inputs with RCA-connectors.

## 6. RS 232 CONNECTOR

You can use this connection to control the Thor from auxiliary equipment like a control system or a PC. It can also be used for service or software upgrades by qualified service technicians.

## 7. AC LINE CORD RECEPTACLE

Plug the female end of the AC cord firmly into the AC receptacle and make sure that it is properly seated. Connect the male end directly to an AC wall outlet. Avoid use of an extension cord or power strip since these often degrade sound quality.



# Front panel

## 1. STAND BY

For best results, the Thor should be left on or in the standby mode at all times. The unit should not be switched off by removing the power cord unless the unit will not be used for a significant period of time (during vacations, etc.).

## 2. SOURCE

Use this button to change the current input source.

## 3. DIM

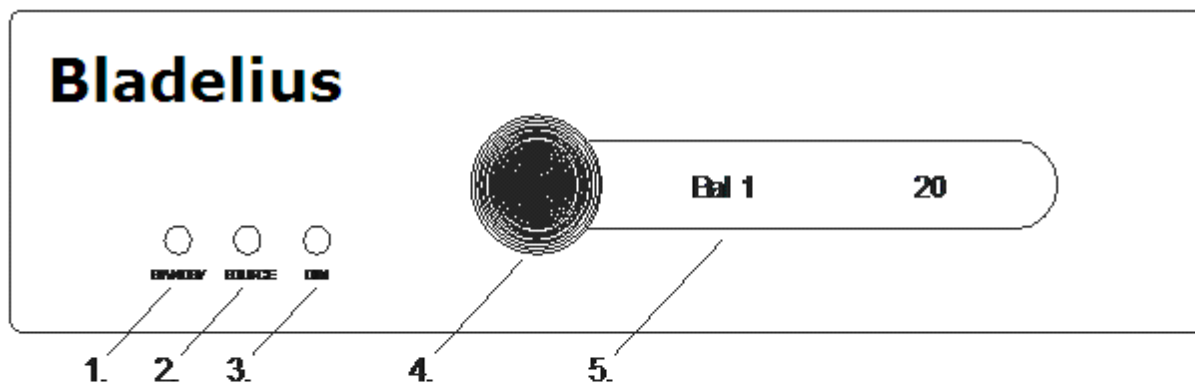
Push button to adjust the display brightness.

## 4. VOLUME CONTROL

Use the “wheel” to choose output level.

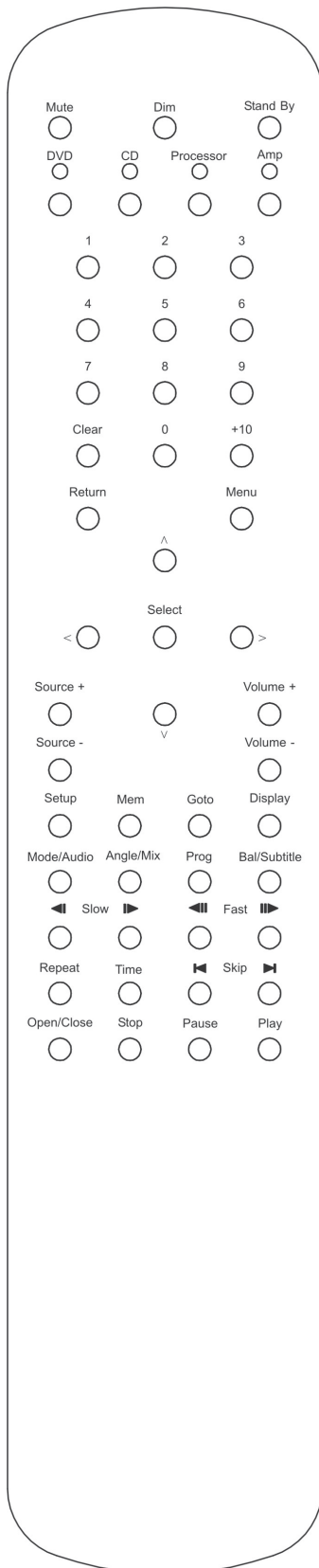
## 5. DISPLAY WINDOW

The display window indicates the current status of the unit. All functions and programming features of the Thor are accessed through the remote control.



# System Remote control

Please note that this is a system remote control which means that it can also control other BLADELIUS products. Several functions do not apply to this amplifier.



## Amp

Activates Amp specific control buttons

## Stand By

Switches the amplifier on and off

## Mute

Mutes the sound

## Dim

Dims the front panel. Four steps- three different levels and off.

## Display

Activates and steps through the menu

## Source +/-

Changes the source input

## Volume +/-

Controls the master volume

## Mode/Audio

Toggles the surround mode by holding for more than two seconds.

## 1 - 7

Selects the source input



# Input Settings

## INPUT LEVEL

To change the input level, select the input you wish to change, then step through the menu by pressing DISPLAY until "Input level" is shown in the display window. To adjust input sensitivity, simply press VOL+ to increase the input level or VOL- to decrease the input level. When set to the desired level, exit the menu by pressing the DISPLAY button 4 times until your input name is again displayed. Your new level is now stored in memory. You may store different levels for each input as they are stored independently in memory. If you do not wish to use this feature, it is best to leave the input levels at their factory preset level of "0".

## NAME

Select the input name you want to change by using the SOURCE +/- button. Press the DISPLAY button to activate the menu and continue to press the DISPLAY button until EDIT INP NAME is shown in the display. Press VOL + and you will see the first character of your previously selected input name flash. Use VOL +/- to change the character and then step to the other characters using SOURCE +/- . When you have finished changing the name exit the menu by pressing the DISPLAY button 3 times until your new name is displayed.

## SURROUND MODE

To bypass the preamplifier section of the Thor you press the MODE/AUDIO button on your remote for 2 seconds. "SURR" will be displayed next to your currently selected input. In this mode Line 5 (TAPE) will be directly connected to the amplifier bypassing the internal preamplifier circuits.

If you have a surround sound processor and want to use your Thor in "pre-amplifier bypass" mode, press the MODE/AUDIO button for more than two seconds. Select which input you want to connect to the TAPE OUT connectors on the back of your Thor. You can now use TAPE OUT as an input to your surround sound processor. TAPE is then used as your input coming back from the surround sound processor and will be connected to the internal amplifier.

### NOTE:



The Thor is equipped with a non-volatile memory which will remember all of the settings you have edited, allowing automatic access to the same settings (volume, input selection, alias names, etc.) that you last used before placing the unit into standby mode or if you turn the mains switch off.

**INSTALLING/CHANGING  
BATTERIES IN THE REMOTE  
CONTROL**

This remote control uses two AAA 1.5V batteries.

**OPEN/ CLOSE  
THE BATTERY COVER**

Remove the 2 screws that hold the cover on the back of the remote. When replacing the batteries please be sure to match the batteries with the (+) and (-) markings inside the battery compartment during installation. Replace the cover and 2 screws on the back of the remote.

# Trouble Shooting

TROUBLE SHOOTING		
PROBLEM	CAUSE	SOLUTION
<b>No sound.</b>	<ul style="list-style-type: none"> <li>• Power AC Mains cable un plugged or power not switched on.</li> <li>• TAPE MONITOR is selected.</li> <li>• Mute on.</li> <li>• Internal fuse blown.</li> </ul>	<ul style="list-style-type: none"> <li>• Check if AC Mains cable is plugged in and power switched on.</li> <li>• De-select TAPE MONITOR mode.</li> <li>• Switch off Mute.</li> <li>• Consult dealer.</li> </ul>
<b>No sound in one channel.</b>	<ul style="list-style-type: none"> <li>• Speaker not properly connected or damaged.</li> <li>• Input lead disconnected or damaged.</li> </ul>	<ul style="list-style-type: none"> <li>• Check connections and speakers.</li> <li>• Check leads and connections.</li> </ul>
<b>Weak bass/ poor stereo image.</b>	<ul style="list-style-type: none"> <li>• Speakers wired out of phase.</li> </ul>	<ul style="list-style-type: none"> <li>• Check connections to all speakers in the system.</li> </ul>
<b>Remote control handset not working.</b>	<ul style="list-style-type: none"> <li>• Batteries need replacement, or are incorrectly inserted.</li> <li>• IR transmitter or receiver windows obstructed.</li> </ul>	<ul style="list-style-type: none"> <li>• Check or replace batteries.</li> <li>• Remove obstruction.</li> </ul>

1.) If only one channel remains inoperative, try reversing the Left and Right cables to your power amplifier (turn it off before moving wires). If the same channel stays out, it indicates trouble could be with something other than your preamp.

2.) The Thor preamplifier is completely controlled by the remote control handset. If the unit does not respond to commands from the remote control, the useful life of the batteries may have expired. To replace the batteries, open the battery access door on the back of the remote control and replace the two AAA batteries. Make sure that the remote control sensor window on the front of the unit and the remote control emitter lens are kept clean and dust free.

## WARRANTY

Contact your authorized BLADELIUS dealer for details of our warranty policy.

## OBTAINING SERVICE

If your BLADELIUS component must be serviced, please contact your dealer. Your dealer will then decide whether the problem can be remedied locally, or whether to contact BLADELIUS for further service information or parts, or to obtain a Return Authorization.

### Important!



Return authorization must be obtained from our Technical Services Department BEFORE a unit is shipped for Service. It is extremely important that information about a problem be explicit and complete. A specific, comprehensive description of the problem helps your dealer and the Technical Services Department locate and repair the difficulty as quickly as possible. A copy of the original bill of sale will serve to verify warranty status. Please include it with the unit when it is brought in for warranty service.

### Warning!



All returned units must be properly packaged (preferably in their original packing material), and the proper return authorization numbers must be marked on the outer carton for identification. If the packaging to protect the unit is, in our opinion or that of our dealer, inadequate to protect the unit, we reserve the right to repackage it for return shipment at the owner's expense. Neither BLADELIUS nor your dealer can be responsible for shipping damage due to improper (that is, non-original) packaging. Your dealer can order a new set of shipping materials for you if you need to ship your component and no longer have the original materials. There will be a charge for this service. We strongly recommend saving all packing materials in case you need to ship your unit some day.

# Bladelius