GRANDINOTE

MAGNETOSOLID® AMPLIFIERS

GRANDINOTE DIVINA

USER MANUAL

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INTRODUCTION

GRANDINOTE congratulates with you for the excellent choice done, buying this exclusive amplifier, masterpiece of style and technology.
You listened the extraordinary musical caracteristics of “Magnetosolid®” amplifiers: neutral tone, rich details and harmonics, high speed, big extension, big tight.... without intermodulation distortion, with surprising dynamic range, insuperable coherence, natural sound...
These and other qualities are the result of studies and extensive research about the union and interaction of **solid** state components with ferro**magnetic** machines.
The fusion of the words: "**Magnetic**" and "**Solid**" is the born of "**Magnetosolid®**”, the point of union of all amplifiers by Grandinote.
This exclusive product is increased at the top of music caracteristics, thanks to **Magnetosolid-VHP** output stage, the result of the maxim application of **Magnetosolid®** technology.
Magnetosolid-VHP uses very expensive ferromagnetic components, builded on Grandinote's specificatons.

PRODUCT DESCRITION

GRANDINOTE DIVINA is a integrated "multi-case" amplifier. The two channels are inside two different chassis, like monofonic power amplifiers.
The use of this amplifier system is identical to a integrated amplifier: volume regulation, input selection... are sincronized by "AMSYNET", AMplifier SYstem NETwork.
Grandinote Divina by **Magnetosolid-VHP** technology claim musical qualities of tight and extension like solid state amplifier, preserving musicality, sweetly and naturality like valuable tube amplifier.

SPECIFICATIONS

- Monofonic integrated amplifier
- Power for channel 60W (4 and 8 Ohm)
- Damping factor >230
- Frequency response 1,5Hz - 300 kHz
- Three unbalanced inputs RCA
- Three balanced inputs XLR (full-balanced)
- Balanced inputs XLR unbalanced convertibles
- Tensione d'ingresso di saturazione 300mV RMS
- Class "A"
- Direct coupling stages: without capacitors between stages
- No feedback
- Weight 30kg (each channel)
- W=318 x H=196 x L=473 [mm] (each channel)
- Voltage power supply 230V
- Absorption 220W (each channel)
- **Magnetosolid-VHP** Technology

NOTE:

These specifications will can change without the obligation to report, by Grandinote.

WARNINGS

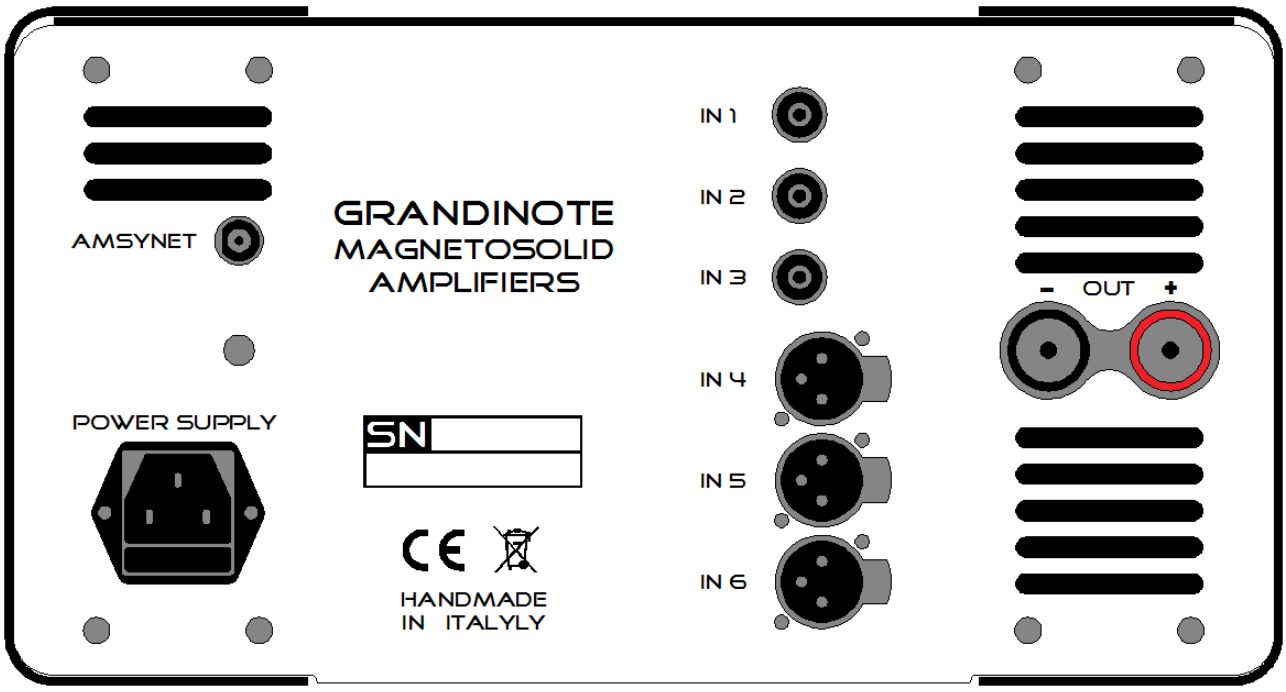
For the correct and sure use of this product, Grandinote recommends the study and the application of this warning list.

- Don't open the device.
- Don't turn off and turn on quickly the device.
- Before connecting/disconnecting cables, turn off the device and wait one minute.
- In case of malfunction, contact Grandinote's assitance.
- Don't close the vents of cooling of the device.
- Don't put objets or liquids in the vents of cooling of the device.
- Keep clean the alluminium dissipators with compres air, or contact Grandinote's Assistance.
- Have care the device is supported by correct stand, in functio of the weight of the device specificated in this user manual.
- Don't strike and don't shake the device.
- Temperature range from to 0ºC to 35ºC.
- Don't approach the device to water, acid, or dangerous substances.
- Don't put every object on the device.
- Clean only with a dry cloth, or slightly damp with water and neutral soap.
- Be sure the power supply net is correct with the device's specifications.
- Be sure the electrical load, on the output connectors, has the correct specifications for the device.
- Don't be short circuit between the connectors with other connectors, ground, the device's body or other potentials.
- Connect the inputs audio, only to appropiate and properly functioning audio sources.
- Don't put potentials or currents not appropiate in the device's inputs, only "LINE" signals.
- Handle the device with care, for don't damage it, or other things or persons.
- Use the device only for audio amplification and not for other applications.
- Keep the device away from pets, child or other people, who with a inappropiate use can cause damage.

If you don't hear any sound,
using speaker wires with fork connectors,
check that the fork connectors make contact with the gold parts of the output connectors of the device.

CONNECTIONS - REAR PANEL

In the **PICTURE 2**, we see the device's input-output connectors.
Input one, two and input three, called **IN1**, **IN2** ed **IN3**, are unbalanced RCA.
The other inputs, **IN4**, **IN5** ed **IN6** are balanced XLR (full balanced).
The balanced inputs XLR can be converted in unbalanced inputs. The procedure is illustrated in the chapter **INCREASE UNBALANCED RCA INPUTS**.
In the right of the picture we see the output loudspeakers connectors. In the lower left we see the IEC connector for the power supply, with his protection fuse.
In the higher left we see the **AMSYNET** connector, for the sincronization of the two channel. The setting of the **AMSYNET** will illustrated on chapter: **AMSYNET CONFIGURATION**.



PICTURE 2: REAR PANEL

FRONT PANEL

In the PICTURE 3, we see the device's front panel.
The display is in the middle of panel, below it the power supply switch.
(Don't turn off and turn on quickly the device)
To the sides of display we see six buttons for the total control to the device. The control is possible also with remote control.
The three right buttons are for the volume regolation, the left buttons up and down are for the input increase and decrease. The left button in the center is for the device's configuration.
In the next pages of this manual, we will deepen the device's configuration.
NOTE: switching from input 3 to input 4 can cause a little "glitch", because the device changes configuration (unbalanced/balanced). This is for the extreme essentiality of their circuits, to the advantage of the natural sound.

PICTURE 3: FRONT PANEL

REMOTE CONTROL

In the **PICTURE 4**, we see the device's remote control.

- In the top left: input increase
- In the down left: input decrease
- In the top right: volume increase
- In the middle right: mute management
- In the down right: volume decrease

To replace the remote control battery, insert a tip in the apposite hole in the remote control back and press, to the keyboard board remotion.
So replace the battery and reput the keyboard board in the remote control chassis.

PICTURE 4: REMOTE CONTROL

SETTINGS

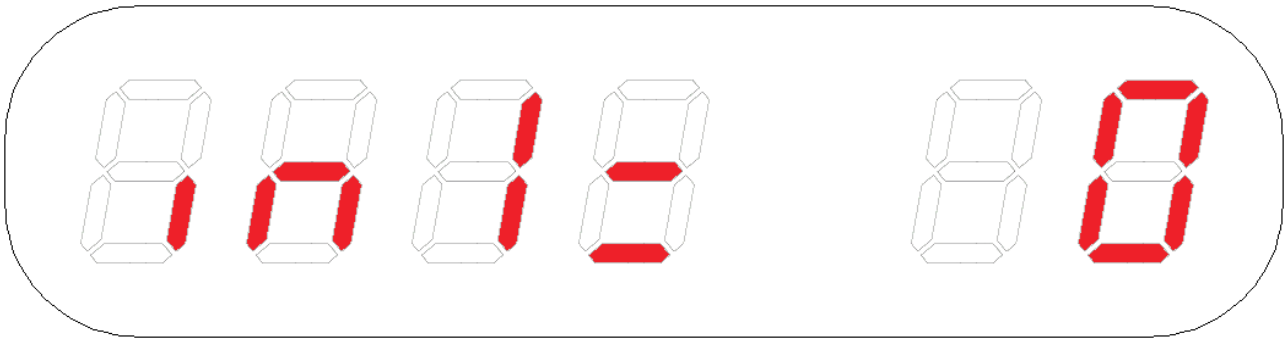
Going in program settings, it will be possible to personalize some functions.
To start program setting, press **PRG** key.
The display visualize the first setting. Press **PRG** again, for to confirm and pass to the second setting, until the last setting.
To the last setting, press **PRG** for to confirm and go out of program settings.

The sequence of the settings is:

INPUT'S VOLUME

The first 6 settings are for correlate a volume level to every input.
If volume level 20 is correlated to input 3, every time the input become 3, the device slowly increases the volume, arriving to 20.
The increase of the volume can be stopped, pressing any button.

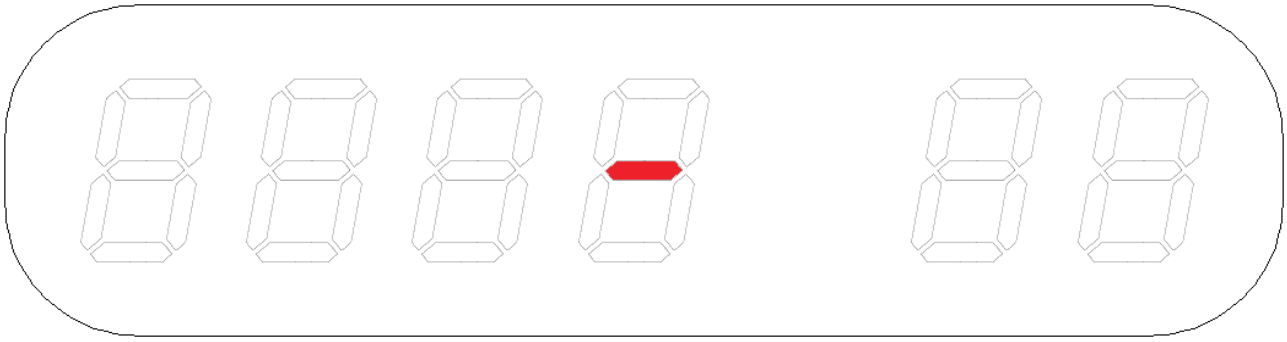
Press **PRG**:



By **IN+** and **IN-** keys on change the value, from 0, to the max volume of the device.
By **PRG** key on confirm the value and on pass to the next setting.:
IN2 volume,
IN3 volume,
IN4 volume,
IN5 volume,
IN6 volume.
The modality settings are identical for every input.
The next pres on **PRG** key leads to the next setting.

BLACK DISPLAY

This function is for the turn off the display in automatic, if the display don't changes for some seconds. When the utente press a button, the display turns on.
So, when the display don't will change again, the display will turn off again.
The "black" display is rapresented in this picture:



PAY ATTENTION: the any key pres changes the device's status and turns on the display.
Only the three concentric circles remote control key turns on the display, without to change device's status.

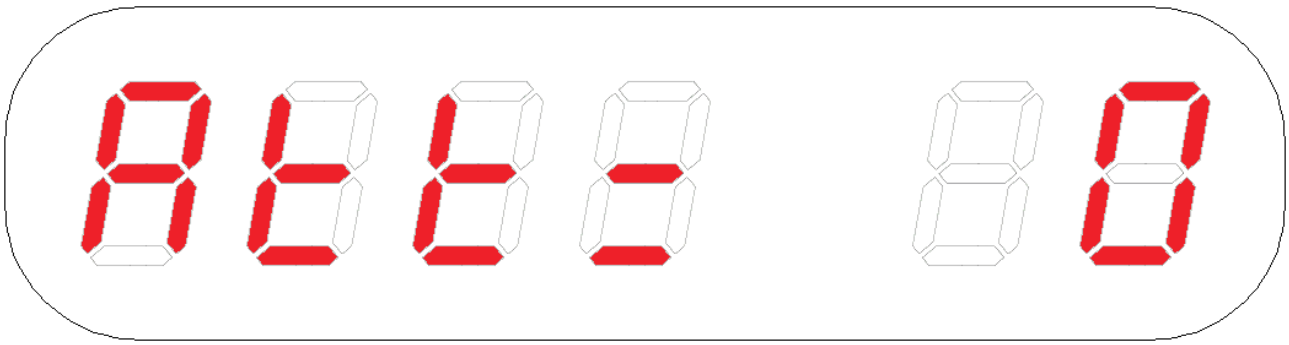
Press **PRG**, to visualize on the display "DISP" write:

By **IN+** and **IN-** keys on change the “ON” / “OF” status.
The next pres on **PRG** key confirms and leads to the next setting.

ATTENUATION (BALANCE)

The attenuation of the output leven for one of the two channels is like balance control.

Press **PRG**, to visualize on the display "ATT" write:



By **IN+** and **IN-** keys on change the value, from 0, to the max of 20.
The visualisation of the attenuation value and the regolation of the volume change togheter.
The next pres on **PRG** key confirms and leads to the next setting.

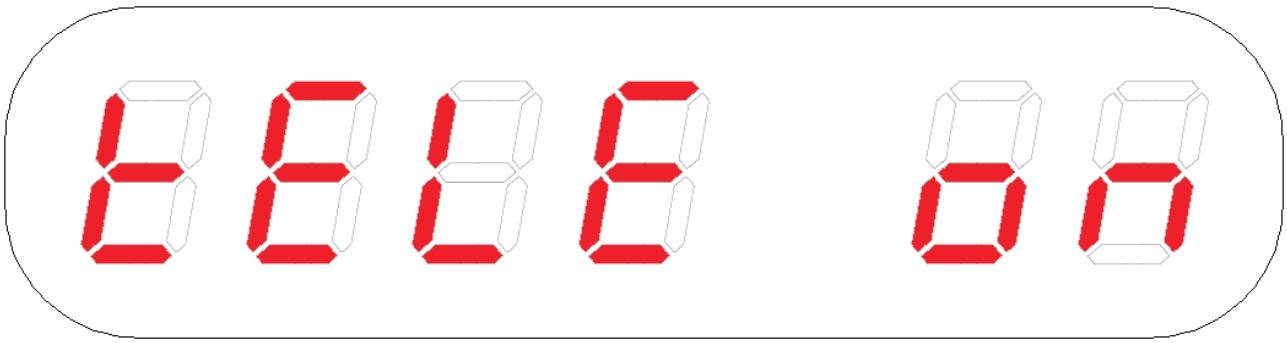
REMOTE CONTROL OFF

AMSYNET CONFIGURATION

This setting excludes the remote control reception.

PAY ATTENTION: This configuration is very important for the correct AMSYNET's work. To avoid conflicts, it's necessary to have only one channel with remote control on. The remote control of the other channel must be turned off.
The device with remote control turned off recives the remote information by AMSYNET, from the other channel.
To constitution of AMSYNET is enough to make this setting and to link the two devices by AMSYNET connectors(see FIGURA 2).

Press **PRG**, to visualize on the display "TELE" write:

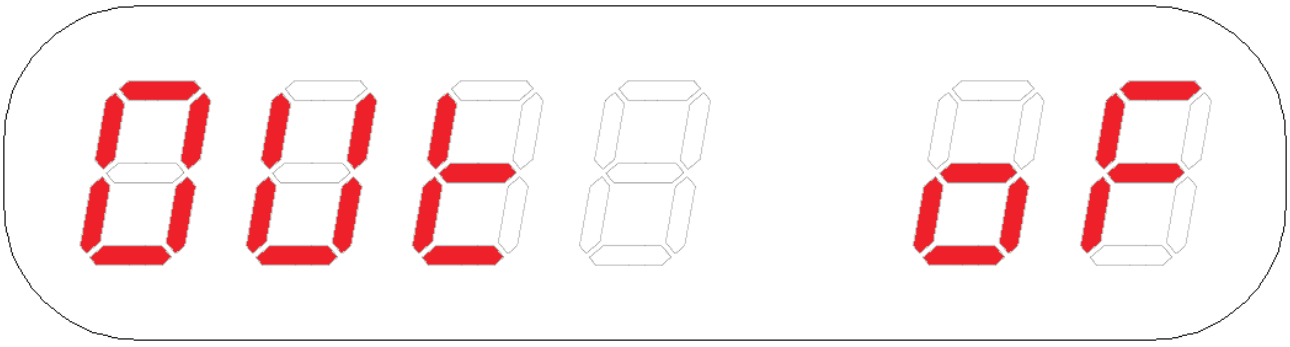


By **IN+** and **IN-** keys on change the “ON” / “OF” status.
The next pres on **PRG** key confirms and leads to the next setting.

TRASFORM THE INPUT ONE IN LINE OUTPUT

This setting switchs the RCA connectors "**IN1**" from inputs to line outputs.
If "**IN1**" are configured like outputs, the total inputs are 5:
For default settings, 2 RCA and 3 XLR.
We can extend the number of RCA, by the settings in the next page.

Press **PRG**, to visualize on the display "OUT" write:



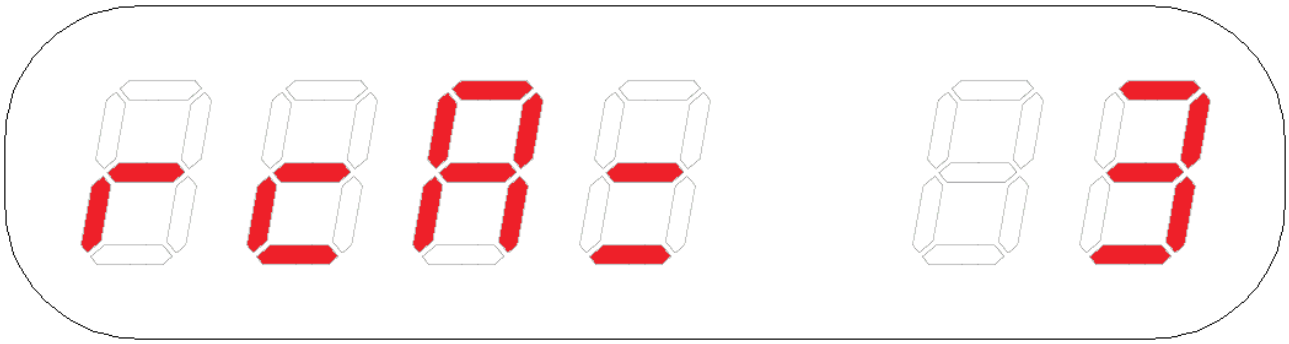
By **IN+** and **IN-** keys on change the "ON" / "OF" status.
The next pres on **PRG** key confirms and leads to the next setting.

PAY ATTENTION: For this setting, every time the setting changes, an special security code is required.
Only with the code to 23, the change to the setting is accepted.
With a code different to 23, the change to the setting is not accepted.

INCREASE UNBALANCED RCA INPUTS

This setting increases the number of unbalanced RCA inputs.
Over the setting it's necessary to use a XLR/RCA adapter.

Press **PRG**, to visualize on the display "RCA" write:



By **IN+** and **IN-** keys on change the value, from 3, to the max of 6.
With 3, they are only the two RCA of the device.
With 4, the first XLR is unbalanced: use XLR/RCA adapter here.
With 5, also another XLR is unbalanced: use XLR/RCA adapter also here.
With 6, also the last XLR is unbalanced: use XLR/RCA adapter also here.
The next pres on **PRG** key confirms the setting.

PAY ATTENTION: For this setting, every time the setting changes, an special security code is required.
Only with the code to 23, the change to the setting is accepted.
With a code different to 23, the change to the setting is not accepted.

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