

GRANDINOTE

MAGNETOSOLID® AMPLIFIERS



GRANDINOTE SOLO

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 characteristics 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 ferrommagnetic machines.

The fusion of the words: "**Magnetic**" and "**Solid**" is the born of "**Magnetosolid**", the point of union of all amplifiers by Grandinote.

PRODUCT DESCRIPTION

GRANDINOTE SOLO is a full Class A stereo integrated amplifier designed in **Magnetosolid** technology.

By this technology the solid state devices are used in the identical circuitations for the tubes devices.

All signal circuits are direct coupled, without capacitors in the signal path.

No feedback.

For each device, we use a dedicated power supply.

Thanks to this circuit refinement, we obtain musical qualities of tight and extension like solid state amplifier, preserving musicality, sweetly and naturality like valuable tube amplifier.



SPECIFICATIONS

- Stereo integrated amplifier
- Power for channel 60W (4 and 8 Ohm)
- Damping factor >150
- Frequency response 2Hz - 240 kHz
- Two unbalanced inputs RCA
- Two 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 34kg
- W=360 x H=210 x L=450 [mm]]
- Voltage power supply 96-264VAC
- Absorption 300W
- **Magnetosolid** 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 assistance.
- Don't close the vents of cooling of the device.
- Don't put objects or liquids in the vents of cooling of the device.
- Keep clean the aluminium dissipators with compressed air, or contact Grandinote's Assistance.
- Have care the device is supported by correct stand, in function of the weight of the device specified in this user manual.
- Don't strike and don't shake the device.
- Temperature range from 0°C to 35°C.
- 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 appropriate and properly functioning audio sources.
- Don't put potentials or currents not appropriate 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 an inappropriate 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 and input two, called **IN1** ed **IN2**, are unbalanced RCA.

The other inputs, **IN3** ed **IN4** 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**.

The device needs power supply by the IEC connector in the center of the panel.

Inside the IEC connector we have the protection fuses.

The speakers will be connected to the appropriate binding posts.

Note the preparation panel for installing the expansion boards for the Celio phono stage or the Volta DAC-streamer.



PICTURE 2: REAR PANEL



DEVICE TURNING ON - WIFI CONNECTING

In the **PICTURE 3**, we see the Solo's screen in his pre-on state.

When the device is OFF, his screen is dark.

With a pair of taps, we get this pre-on screen.

First, however, we strongly recommend connecting it to a WIFI network.

To configure WIFI, press the 3 horizontal lines in the top-left of the pre-screen.

A menu will appear, with the voice to configure wifi.

Enter into wifi configuration menu, press "SCAN", select your WIFI network and follow all the instructions into this menu.

When Solo will be online, you will see his IP address assigned by your router.

For more information, see page 19: **WIFI SETTINGS**.



PICTURE 3: FIRST TAP DISPLAY

From the pre-on screen, we can **turn on** the device, choosing the nominal impedance of the speakers connected to it.

If there is an **update** available, it is precisely when we select the 4/8 Ohm turn on that the new software version will be installed via WIFI network.

Only in this turn on phase will it be possible to install the new software versions.



WEB-BROWSER REMOTE CONTROL

In the **PICTURE 4**, we see the web-browser remote control.

To get this control page, you need write one of the following addresses into address bar of your web browser:

- grandinote-solo.local
- http://grandinote-solo.local
- your Solo IP address

In this way, all principal functions are settable by your web-browser.

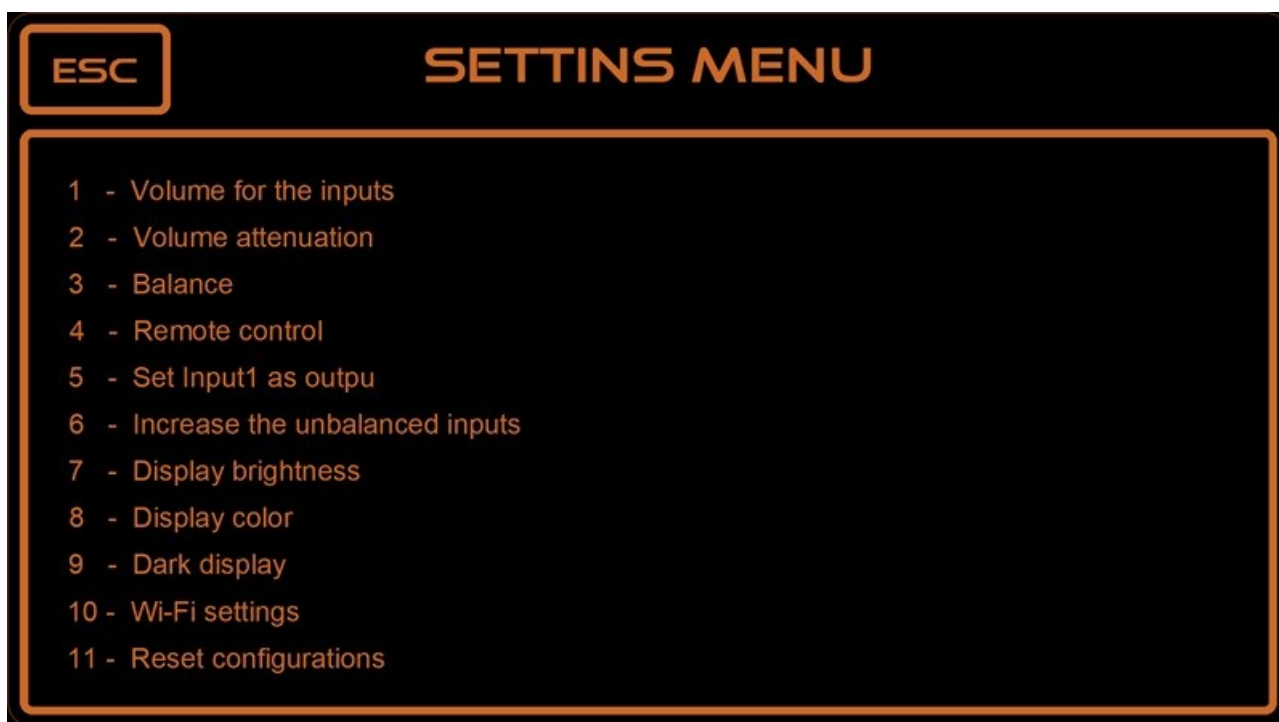


PICTURE 4: WEB-BROWSER REMOTE CONTROL



SETTINGS

On the main screen, tap on the 3 lines at the top left, the following screen will appear:



All these functions will be illustrated at these pages:

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VOLUME FOR THE INPUTS

This function allows you to associate the desired volume level to each input. Every time you select a given input, the volume will be positioned at the volume level associated with it.

Tapping **VOLUME FOR THE INPUTS**:

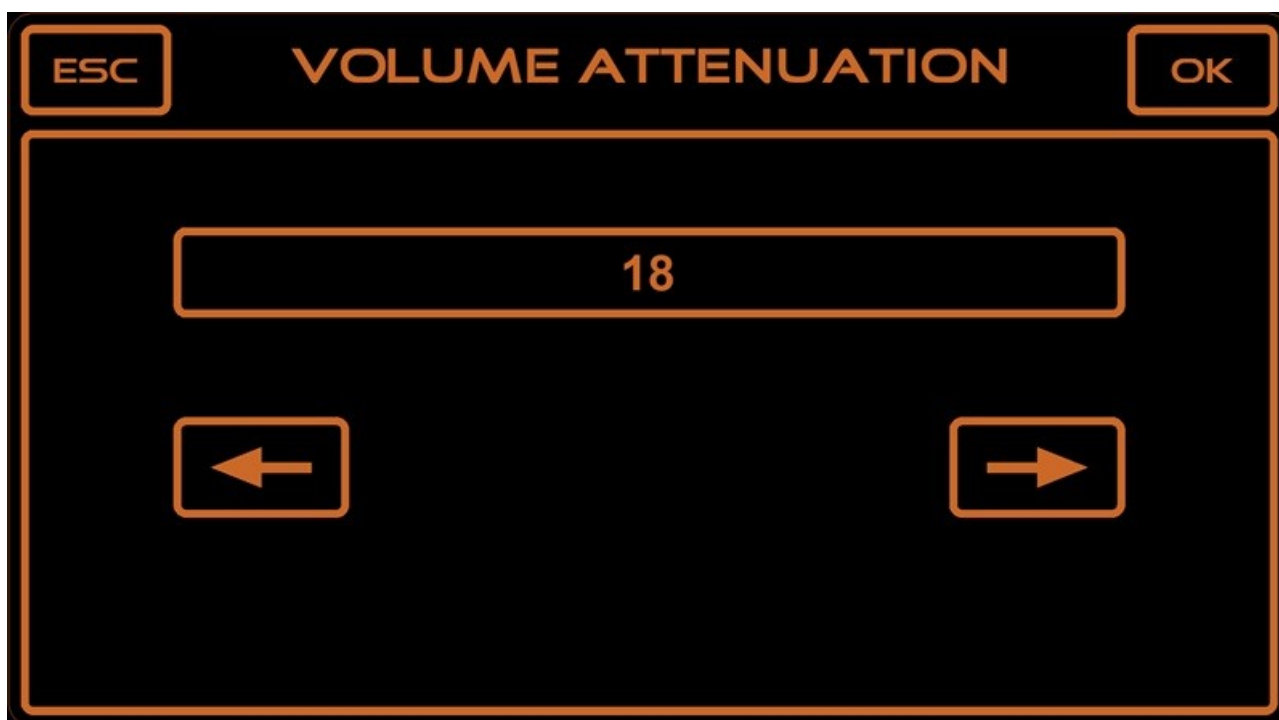
Input	Volume
Input 1	0
Input 2	0
Input 3	0
Input 4	12
Celio	0
Volta	0



VOLUME ATTENUATION

This feature associates a specific attenuation level with the Solo volume, on any selected input.

Tapping **VOLUME ATTENUATION**:





BALANCE

Balance is for different level of volume between the two channels.

Tapping **BALANCE**:

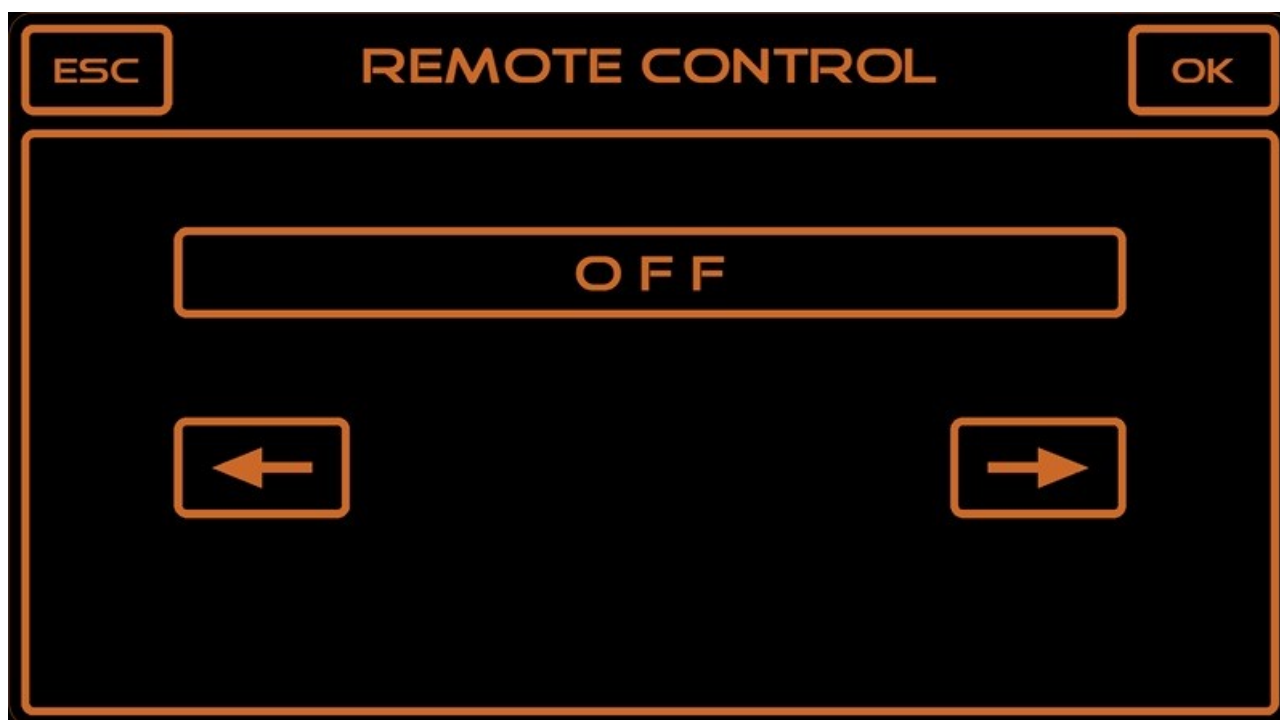




REMOTE CONTROL

This setting excludes the remote control reception.

Tapping **REMOTE CONTROL**:





SET INPUT 1 AS OUTPUT

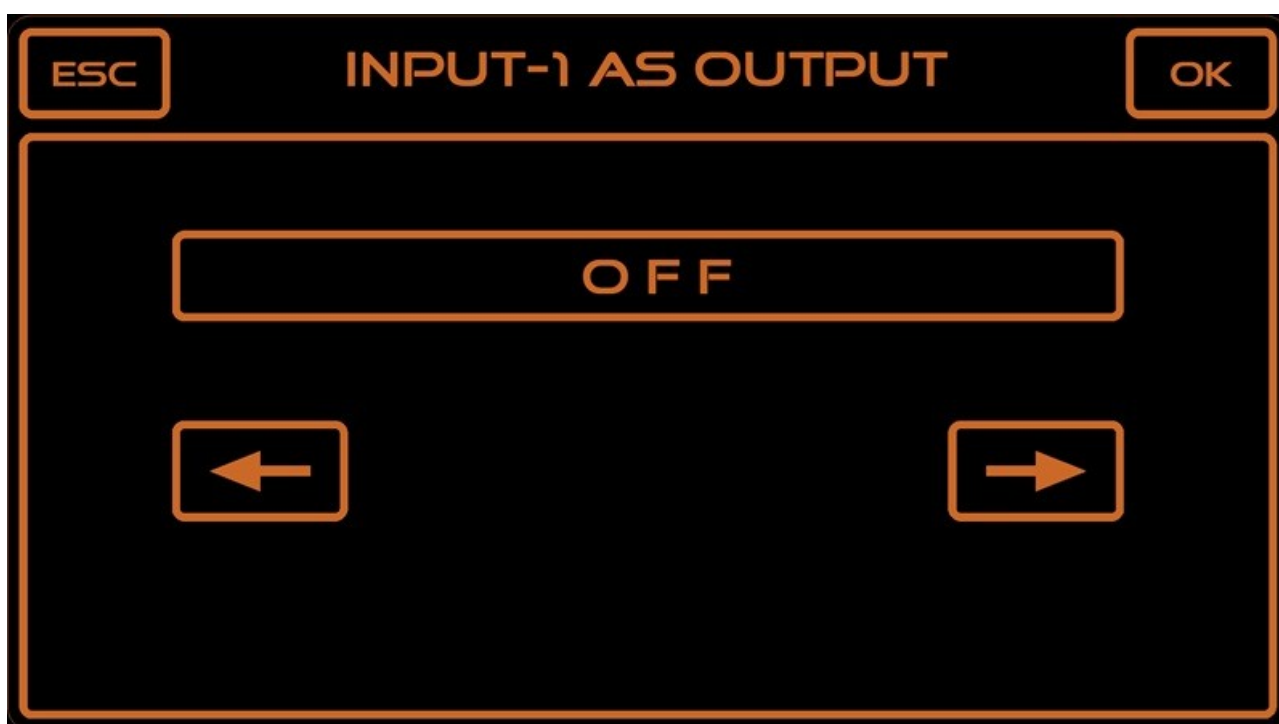
This setting switches the RCA connectors “IN1” from inputs to line outputs.

If “IN1” are configured like outputs, the total inputs are 3:

For default settings, 1 RCA and 2 XLR.

We can extend the number of RCA, by the settings in the next page.

Tapping **SET INPUT 1 AS OUTPUT**:

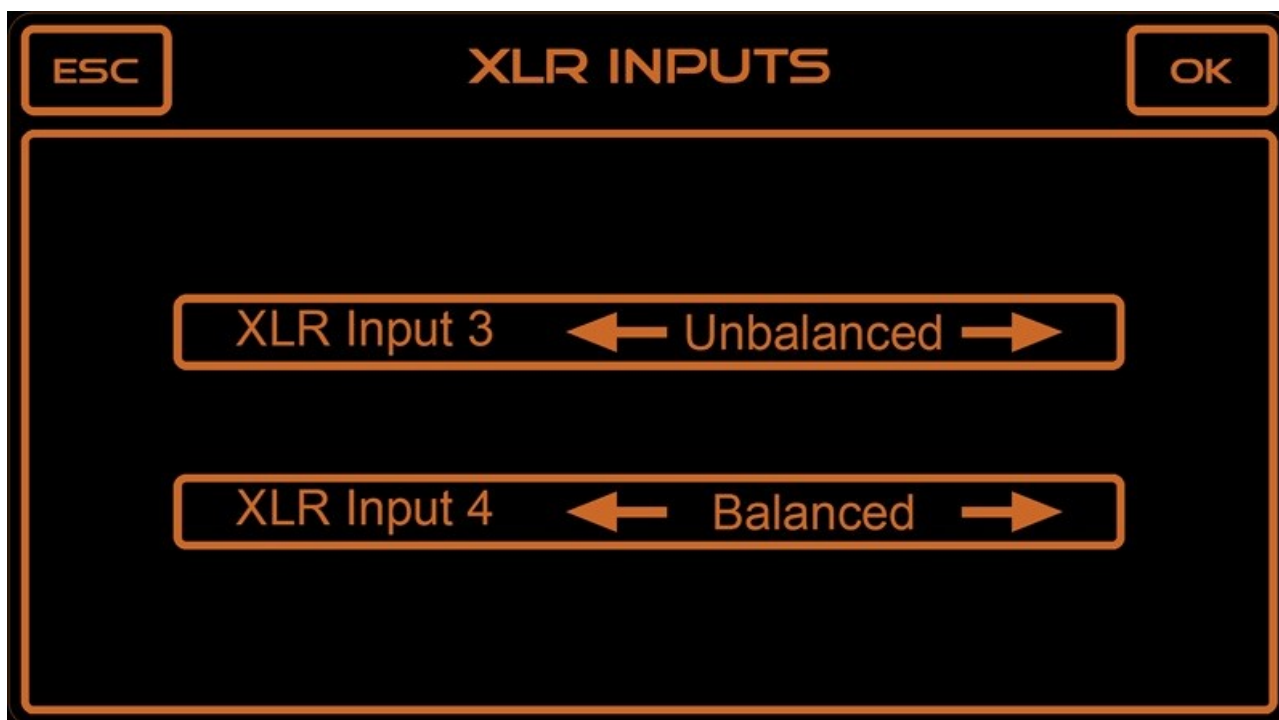




INCREASE THE UNBALANCED INPUTS

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

Tapping **INCREASE THE UNBALANCED INPUTS**:





DISPLAY BRIGHTNESS

This function allows you to adjust the brightness of the display.

Tapping **DISPLAY BRIGHTNESS**:





DISPLAY COLOR

This function allows you to select the display color.

Tapping **DISPLAY COLOR**:





DARK DISPLAY

This function allows you to select a time when the display works at his normal brightness. After this time, the display brightness will change to the desired intensity.

Tapping **DARK DISPLAY**:





WIFI SETTINGS

Tapping **WIFI SETTINGS** we arrive to the wifi configuration.

The first step is to tap the “SCAN” button.

This operation will show all available wifi networks.

By tapping the name of the desired network and the “EDIT” button, it will be possible to enter the access credentials for this network, using the keyboard that will appear at the bottom of the display.

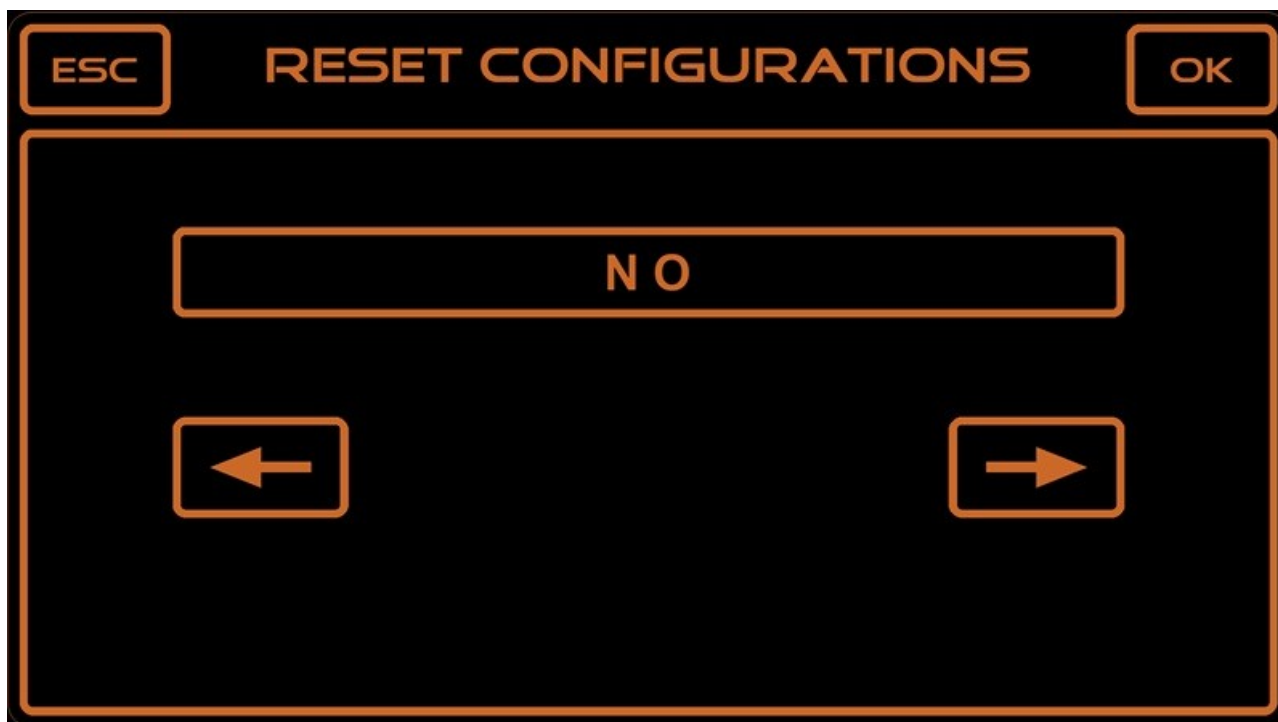
To confirm the password, tap the “RETURN” key on the keyboard that appears.



RESET CONFIGURATIONS

From this setting we can reset all configurations.

Tapping **RESET CONFIGURATIONS**:



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