

Sinfoni

For Music Lovers

PHASER *Pro*



MADE IN ITALY

Owner's Manual

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Sinfoni **PHASER** *Pro*

External potentiometer for sub volume
regulation with 4 m cable

Preface

First of all, we would like to congratulate with you for your choice of our Sinfoni device.

If you are reading this short introduction instead of madly flicking across the pages of this handbook looking for features like the weighted noise or the T.I.M., then maybe we have reached the target of unveiling a little bit of the philosophy of our laboratories.

In fact, you will not find these figures among the characteristics of our products mainly because it is our firm conviction that it is impossible to judge a product like this only on the basis of plain numbers. It would be like guessing the taste of a dish reading just the list of its ingredients.

Only after a suitable "tasting" you will realise the striking sound properties of our products, and you will appreciate their transparency, their musicality, their depth and all other aspects that probably, as a Sinfoni purchaser, you already know.

Try to describe it with unpersonal technical parameters, if you can!

In order to get the utmost from our products, we recommend you to use only high-quality components and cables: with a few adjustment every Sinfoni amplifier will give you unexpected emotions and sensations.

We kindly ask you to follow the indications mentioned in this handbook, and we wish you to enjoy Music at best.

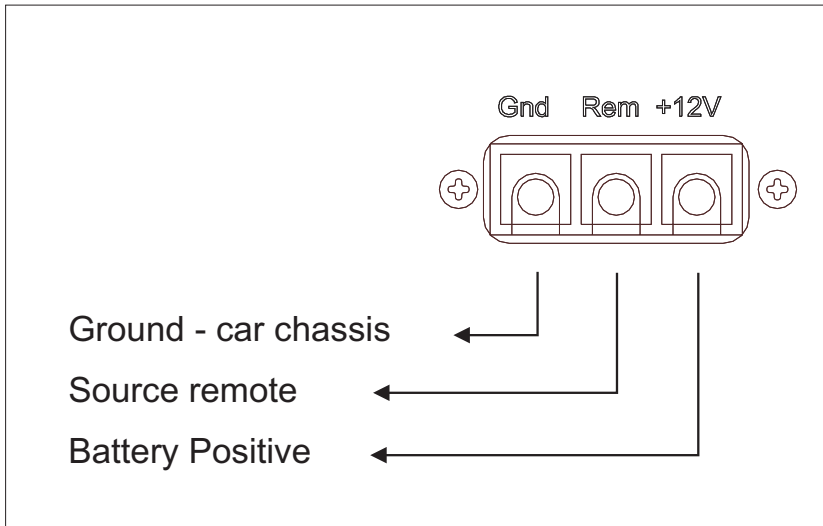
Installation Procedure

POWER SUPPLY

The Sinfoni preamplifiers is designed to work with a 12 volts DC power supply, however they allow +/- 3 V voltage excursions.

Power Supply cables must be of a suitable gauge, keeping in mind that the negative one must be connected to the ground in the nearest point of the car chassis, while the positive one must come directly from the battery.

The REM input (remote) must be connected to the remote output of the source, which must provide at least a 20 mA current, for every installed Sinfoni unit.

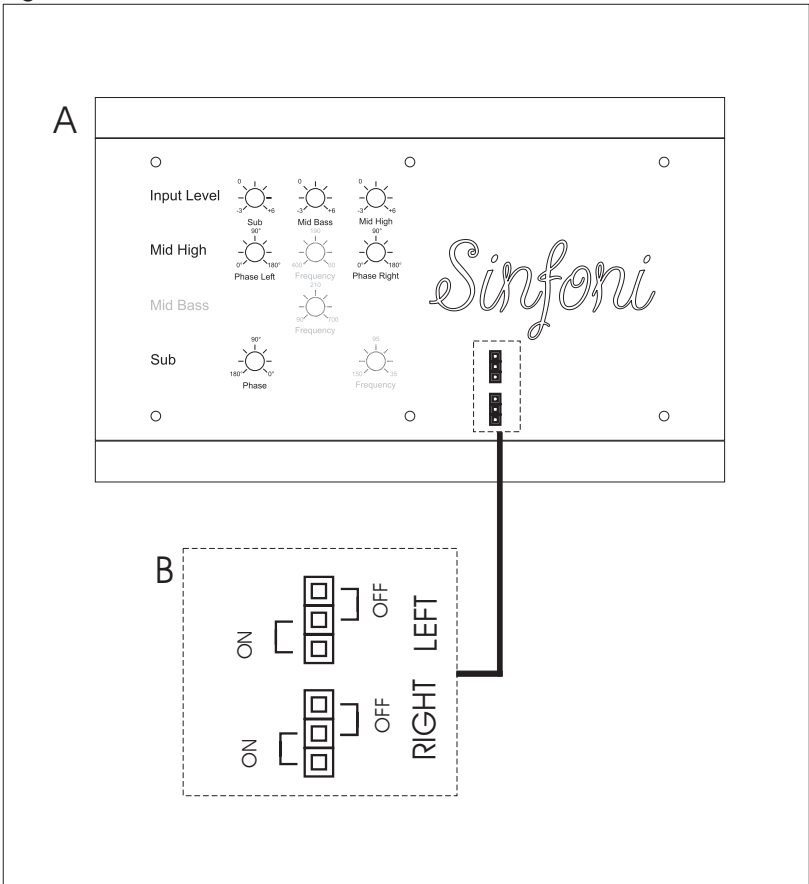


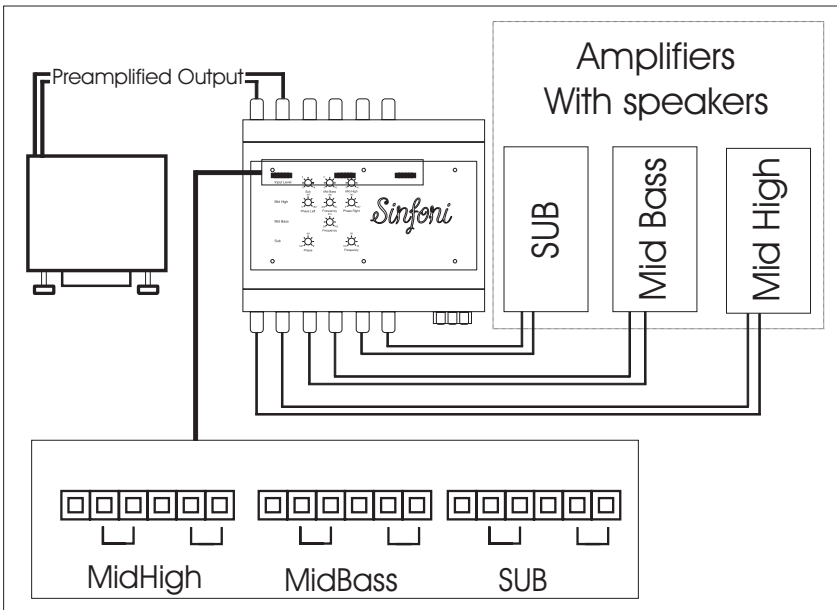
INPUTS AND PHASE REGULATION

The three inputs load is 48 Kohms and they have an adjustable gain from -3dB to +6dB.

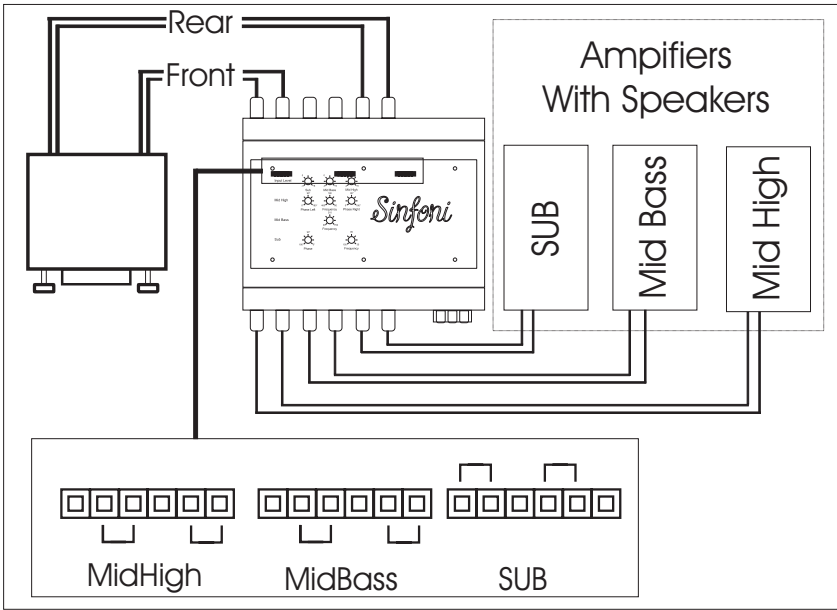
The gain is regulated through high quality potentiometers located on the upper side of the Phaser Pro(Fig. 1-A), the phase for Mid High and Sub is regulated in the same way. Two jumpers (Fig. 1-B) allow to activate the regulation of the phase for each channel of the Mid High frequency.

Fig. 1

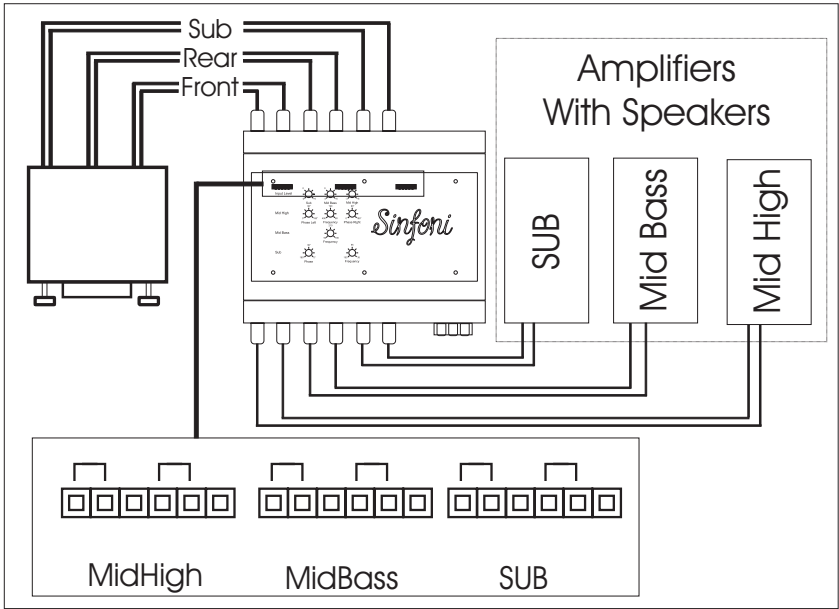




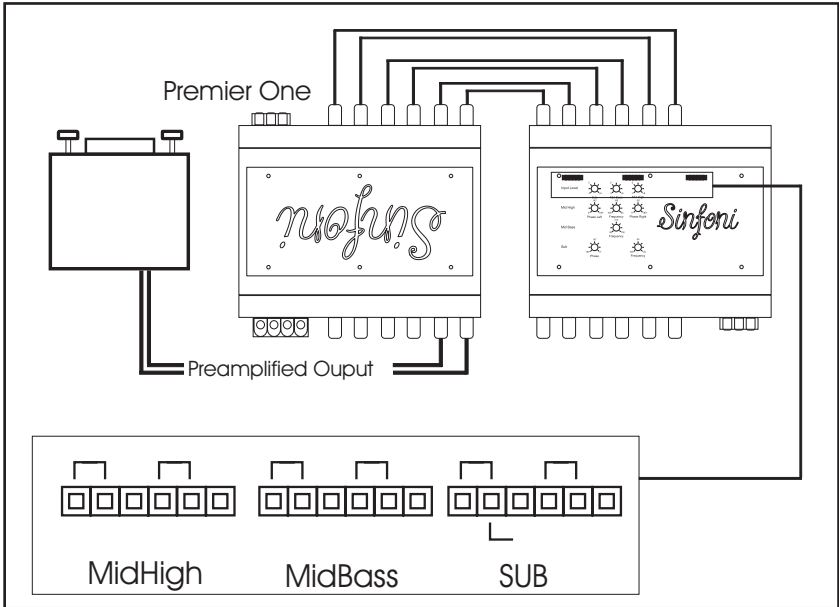
Configuration with preamplified Car Radio output



Configuration with Front + Rear Car Radio output



Configuration with Front+Rear+Sub Car Radio output



Configuration with Premier One and preamplified output

Specifications

Power Supply	9-15 VCC
Stand-by Current	<500 m A
Input Impedance	48 Kohm
Signal to Noise Ratio	100 dB
Frequency response 10Hz-80 KHz	+0 -1 dB
Distortion at Rated Output@1 Hz	.001 % THD
Inputs	High Impedance from 0.1 to 4 Vrms
Outputs	5Vrms @ 500 Ohm

Phase Shifter

-Subwoofer continuously adjustable from 0° to 180°

-Mid High continuously adjustable from 0° to 180°

Cross Over

-Subwoofer Mono low pass filter 24dB/oct continuously adjustable from 35 to 150 Hz

-Mid Bass Stereo subsonic high pass filter 18dB/oct 25 Hz
Stereo low pass filter 12dB/oct continuously adjustable from 90 to 700 Hz

-Mid High Stereo high pass filter 12dB/oct continuously adjustable from 60 to 400 Hz

Dimensions 225mm x 190mm x 40mm

Weight 2,2 Kg

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