

OPERATIONS MANUAL

ACTIF SUBWOOFER

Dear Customer, Congratulations on the purchase of your loudspeaker(s). Please read these instructions carefully and keep them for future reference.

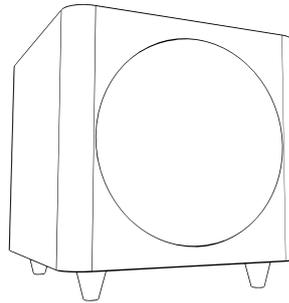
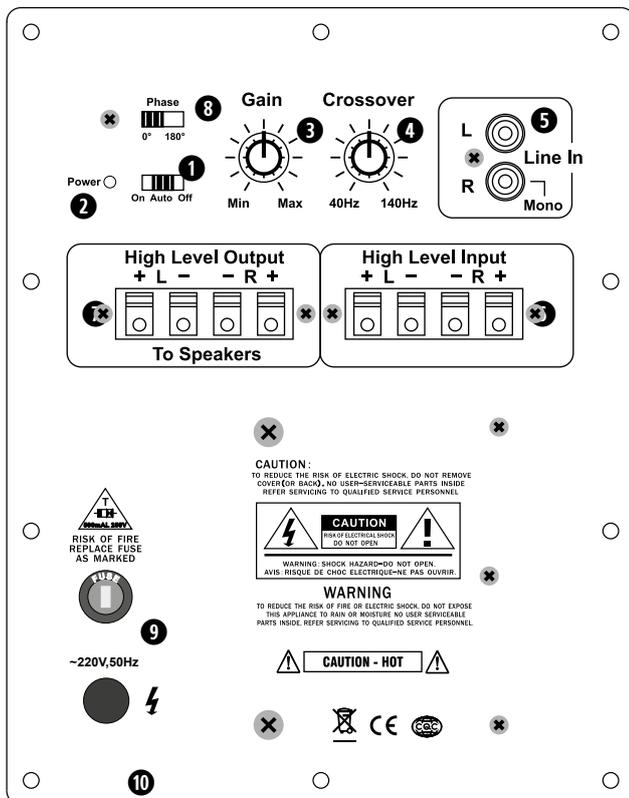


FIG 1



SAFETY PRECAUTIONS

- Before connecting the equipment to the power outlet, first verify that the mains voltage and frequency match the values specified on the equipment.
- If the power cord of the device is equipped with an earthing contact, then it must be connected to an outlet with a protective ground. Never deactivate the protective ground of a power cord.
- Unplug the power cord and power adapter from the power outlet if there is a risk of a lightning strike or before extended periods of disuse.
- Replace fuses only with fuses of the same type and rating. If a fuse blows repeatedly, please contact an authorized service company.
- Do not open or modify this equipment.
- After connecting the equipment, check all cables in order to prevent damage or accidents, e.g., due to tripping hazards.
- Do not turn on the Amplifier ON before checking that all volumes to zero.

DESCRIPTION OF THE FEATURES AND CONTROL KEYS (FIG 1-2)

- 1 Power Switch:** this three-mode switch controls the power status of the subwoofer.
On - Turns the device on regardless of whether there is a signal or not.
Auto - Turns the device on when a line signal is detected.
Off - Turns off the device.
- 2 Status LED:** this LED indicates the status of the device. "Red" indicates that the device is connected to the mains and in standby mode. "Green" indicates that the device is active.
- 3 Gain (volume control):** this rotary button adjusts the volume of the subwoofer.
- 4 Crossover:** this rotary button sets the upper frequency limit to which the subwoofer plays. This can be adjusted according to the speakers used.
- 5 Line input:** these RCA connections are suitable for a full range line signal from the pre-amplifier output on a receiver or pre-amplifier.
- 6 Speaker-level input:** these spring-loaded speaker terminals accept a full-range stereo speaker-level signal from an already amplified output.
- 7 Speaker level output:** these spring-loaded terminals are suitable for looping through to your speakers.
- 8 Phase Control:** this rotary button allows the subwoofer to be in phase with the sound from other speakers. The result is a more cohesive sound.
- 9 Fuse**
- 10 Power cord**

PLACEMENT OR POSITIONING

Your new subwoofer will work well in a variety of locations. However, placement in your listening room will affect its performance. Because the sound you hear is a combination of direct sound from the speaker and reflected sound from the wall, ceiling and floor of your listening room, placement of the subwoofer in relation to room boundaries changes the balance of what you hear at low frequencies. As a general rule, locating your subwoofer near the corner of the room will increase its overall output. A middle of the room location would suggest the smoothest response with the least output capability. Of course, any location will be a compromise between acoustic performance and the aesthetic blend of the subwoofer enclosure with the decor and furnishings of your room. Don't be afraid to experiment with the location of your subwoofer in your room for the best results at your listening position. As with any other listening test, use program material that you are familiar with that has substantial bass content.

SETTING AND REGULATION

Once you have selected the location for your subwoofer and connected it to your system, settle into your normal listening position. Start with the crossover button in the middle and adjust the gain button so that the volume being played is balanced with the volume played by your speakers. Then adjust the crossover and gain together according to your hearing and the specifications of your speakers. Repeat this until you get a desired sound.

CONNECTING THE SUBWOOFER

Hi Level In

These inputs are designed to accept an amplified signal from the speaker outputs of a receiver, power amp or other device not equipped with line level outputs.

Hi Level Out

The original amplified signal from your source is present at these outputs, for connection to the existing left and right speakers.

Line In

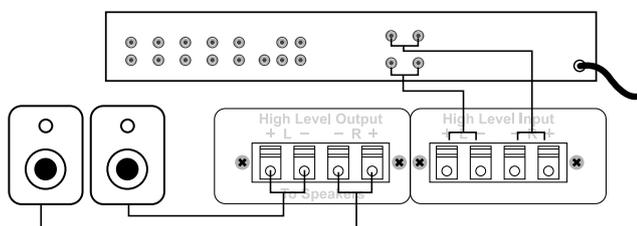
The RCA-type jack of your Subwoofer is designed to accept a line level signal from a receiver, pre-amp, surround sound decoder, television or similar device. When using a single line level output from another unit, a Y connector should be used to send the signal to both the left and right line inputs.

The following diagrams show four of the most common types of subwoofer connections.

1. Hi Level Connections

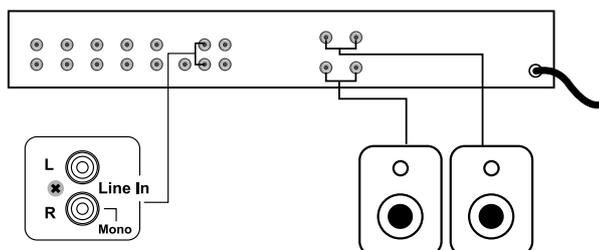
Here the signal is already amplified as it leaves the receiver/amplifier. The speaker terminals of this unit are connected to the hi level inputs of the Subwoofer.

The left and right speakers receive the original amplified signal from the Subwoofer hi level outputs.



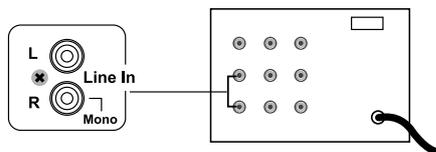
2. Line Level Connections

In this example, the pre-amp outputs of a stereo receiver are connected to the Subwoofer line inputs.



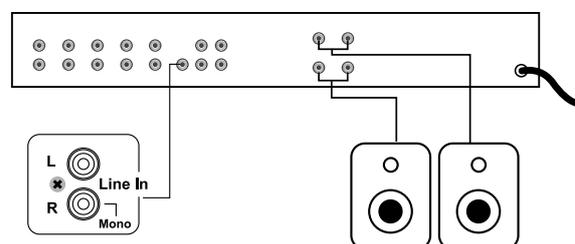
3. Television Enhancement

Many newer television sets are equipped with variable Stereo outputs. The signal available at these outputs varies with the television volume. In this situation, these variable audio outputs can be connected directly to the Subwoofer line inputs to enhance the bass response of the television's built-in speakers.



4. Dedicated Subwoofer Connections

Many surround sound decoders, home theater processors and audio/video receivers are equipped with a dedicated subwoofer line output. In this case, the signal is already processed and does not need to return to the system or other speakers. Connect this line output to the line inputs of the Subwoofer. A Y connector should be used to feed this single output to both the left and the right line inputs.



TECHNICAL SPECIFICATIONS

- range : <math><75\text{ m}^2</math>
- system : active subwoofer
- woofer : 8" polymica
- bass reflex
- impedance : 4 / 8 Ω
- amp power : 200 W
- frequency range : 40 Hz - 180 Hz
- phase control
- high-level inputs
- dimensions (h x w x d) : 325 x 310 x 350 mm
- 10kg / piece
- composition : MDF

WARRANTY CONDITIONS

2 year warranty from the date of manufacture.

The warranty is limited to the repair or replacement of the defective material insofar as this defect is a result of normal use and the device has not been damaged. Artsound is not responsible for any other casts that ensue as a result of the defect (e.g. transport). For details, please consult our general terms and conditions of sale.



Waste electrical products should not be disposed of with household waste. All electronic products with the WEEE logo must be collected and sent to approved operators for safe disposal or recycling. Please recycle where facilities exist. Many electrical/electronic equipment retailers facilitate "Distributor Take-Back scheme" of household WEEE. Check with your Local Authority or retailers for Designated Collection Facilities (DCF) where consumers may dispose of their WEEE free of charge."