

SDQ5P Manual



## Safety instructions

- **Caution! This professional device needs to be installed by qualified personnel only.**
- Please check the carton box for any kind of damage on reception of the goods. In case of a damaged carton, please contact your dealer before opening the carton.
- !!!! Danger !!!! Exposure to high sound levels may cause a permanent hearing loss. Individuals vary considerably to sound pressure level induced hearing loss but nearly everyone will lose some hearing if exposed to high sound pressure levels for a sufficient amount of time. Therefore it is recommended that all persons exposed to equipment capable of producing high sound pressure levels, such as this amplifier, be protected by hearing protection while installing or operating this unit.
- Read all documentation before operating your equipment.
- Keep all documentation for future reference.
- Save the carton and packing material even if the equipment has arrived in good condition.
- Should you ever need to ship the unit, use only the original factory packing.
- Do not spill water or other liquids into or on the unit.
- Make sure power outlets conform to the power requirements listed on the back of the unit.
- Do not use the unit if the electrical power cord is frayed or broken.
- Always operate the unit with the AC ground wire connected to the electrical system ground.

- Set level controls on amplifiers all the way down during power-up to prevent speaker damage if there are high signal levels at the inputs.
- Do not connect the inputs / outputs of amplifiers or consoles to any other voltage source, such as a battery, mains source, or power supply, regardless of whether the amplifier or console is turned on or off.
- Power down & disconnect units from mains voltage before making connections.
- Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
- Do not operate equipment on a surface or in an environment which may distort the normal flow of air around the unit. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically “blown free” of dust.
- Do not remove the cover. Removing the cover will expose you to potentially dangerous voltages.
- Do not drive the inputs with a signal level higher than that required to drive equipment to full output.
- Do not run the output of any amplifier back into another input.
- In case of mal-function this device should be serviced by qualified service personnel only.
- This unit has NOT been designed for use in mobile applications, such as: mobile discobars, mobile PA systems, Live bands, audio rental systems, ...

## Features

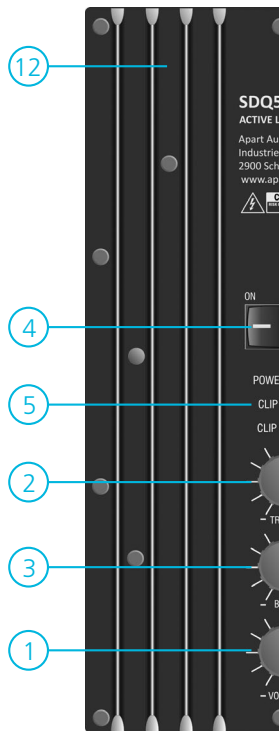
- The Apart SDQ5P powered loudspeaker set is a versatile and very compact, easy to use, plug and play sound system. It consists of an amplified loudspeaker with a 5.25" woofer, a high frequency unit and a second linkable passive loudspeaker, powered by the second amplifier built into the active speaker. The speakers are magnetically shielded.
- Further benefits are: adjustable level, bass and treble tone control and three audio inputs: unbalanced on mini-jack and RCA connectors and balanced on euroblock. All inputs are mixed together.
- Active 2 way bass-reflex speaker system
- Ideal for monitor, Audio-Video applications, multimedia applications
- Powerfull 5.25" woofer and 1" tweeter
- Mounting brackets, speaker wire and power cord included
- 2 x 30 watts dynamic output power.
- Enhanced bass response by DTB reflex tuning
- 3 led indicators: power and clip L and R
- Hi-Q balanced line inputs
- Stereo line inputs on standard 3.2 mm mini stereo jack, compatible with headphone outputs and line inputs (computer, MP3 players)
- Stereo line inputs on RCA connectors
- Separate bass and treble tone controls
- Magnetically shielded
- Stylish design, suited for placement in corners
- Very high efficiency, high output
- These speakers have been carefully packed at the factory. Open the carton box and remove the speakers from the packing. Do not use

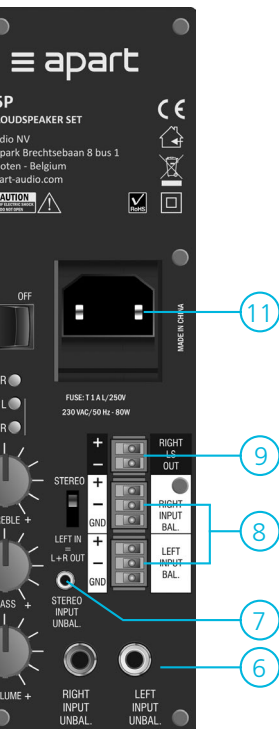
sharp objects. Place the speakers on a flat surface. The mounting brackets, infrared remote control unit, power cord and speaker interconnection wire are included in the packing,

- When the product shows signs of damage caused by transportation, contact your dealer immediately. Damage due to transport and rough handling is not covered by the manufacturer's warranty.
- The SDQ5P complies with CE regulations.

## Rear panel

1. **Volume control:** set the desired volume.
2. **Treble control:** add or decrease the high frequencies. Adding high frequencies may improve intelligibility. Adjust to the desired level.
3. **Bass control:** add or decrease the low frequencies. Decreasing bass can improve the intelligibility of spoken messages, especially in reverberant rooms.
4. **On / Off:** turn the unit on or off with this button. When the unit is switched ON, the green "power" led will illuminate.
5. **Clip leds:** each channel has its own clip led, indicating that max. power is reached. Turn down the volume if these leds are flashing regularly.
6. **RCA inputs:** connect your unbalanced line level signals here.
7. **3.5 mm stereo jack input:** connect your unbalanced line level signals here. The signals from the minijack and RCA connectors are mixed together.





8. **Balanced line inputs:** connect your balanced line level signals here. The signals from the balanced and unbalanced inputs are mixed together. It is possible to use all available input simultaneously.
9. **Speaker output:** connect the right speaker (slave) here. Mind the polarity !!! Connect + to + and - to -.
10. **Mode switch:** this switch turns your SDQ5P in a full stereo or a very compact mono system. When switched to mono mode, use the "Left" input only. The audio signal from the left input will sound through both speakers.
11. **Mains socket:** connect the supplied mains cord here. This socket contains a 1 A slow acting fuse. Use a screw driver to flip out the fuse compartment to access a broken fuse. When this fuse burns frequently you should return the SDQ to your dealer for service.
12. **Heat sink:** the heat sink will get warm during operation! This is normal.

## Technical specifications

input sensitivity RCA and stereo mini jack	500 mVrms
input impedance RCA and stereo mini jack	22 Kohm
input sensitivity Balanced Euroblock	500 mVrms
input impedance Balanced Euroblock	22 Kohm
tone control bass	+/- 12 dB at 80 Hz
tone control treble	+/- 12 dB at 12 KHz
low impedance dynamic power	2 x 30 watts
frequency response	45 – 20Khz
THD	< 0.07%
SNR	> 90dB
dimensions (H x W x D)	253 x 180 x 162 mm
loudspeaker system	2-way
woofer cone material	polypropylene
tweeter size	1"
woofer size	5.25"
mounting system	U-bracket
SPL 1W/1m	86 dB
max SPL 1m	101dB
main construction material	ABS plastic
grille main material	steel
IP rating	40
applicable low impedance	yes
applicable 100V	yes
active	yes



