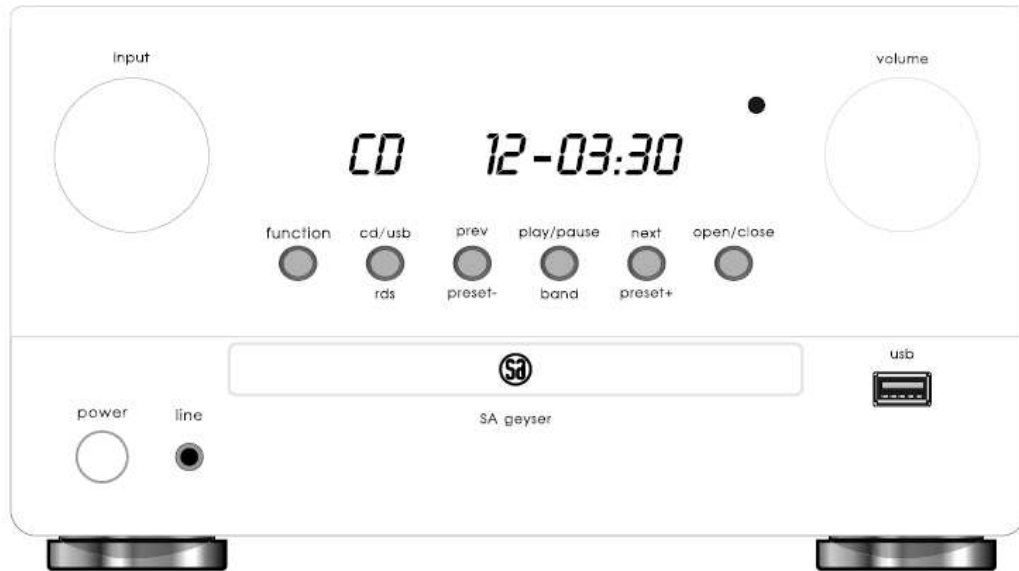


english instruction manual



SA geyser music system



SA geyser music system manual

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Congratulations with your purchase!

To get the most out of your new product we recommend that you follow our guidance below. We recommend that you read the manual thoroughly to get the most out of your purchase.

We have done our outmost to make sure that the product live up to your expectations. Should you still need help with installation etc. we suggest that you visit our home page

www.system-audio.com

Remember to keep the original receipt of your purchase, in case of need for service during the warranty period.

If you, contrary to expectations, should need service for your new product, you shall hand in the product to the dealer from whom you have purchased it.

Remember to keep the original packaging if the product shall be handed in for service.

The product is to be returned in original and otherwise secure packaging, to avoid damaging the product during transportation.

Important safety notices

WARNING: IT IS IMPORTANT THAT YOU STUDY AND OBSERVE BOTH THE INSTRUCTIONS IN THIS MANUAL AND THE INSTRUCTIONS ON THE DEVICE. KEEP THIS MANUAL FOR FUTURE USE.

This device was developed and made with a view to providing maximum safety for the user. Incorrect use of the device may cause electric shock or fire. The protection built into this device will protect the user if the procedure below is observed in connection with installation, use and repair. This device is fully electronic and contains no parts which can be repaired by the user.

THE HOUSING MUST NOT BE REMOVED. RISK OF DANGEROUS VOLTAGE. ONLY SKILLED TECHNICIANS ARE ALLOWED TO REPAIR THE DEVICE.

Water and moisture

The device must not be placed close to water, such as bath tub, wash basin, kitchen sink or wash tub, in a damp cellar or close to a swimming pool, etc.

Cleaning

Unplug the device before cleaning. Do not use liquid detergents and aerosol cleaning agents. Use a dry cloth.

Power cords

Wiring must be organised to prevent people from stepping on the cables and to avoid pinching by objects placed on or beside them. Take special care around sockets and plug boxes and where the cable leaves the device.

Important safety notices

Overloading

Make sure that sockets, extension flexes and plug boxes are not overloaded as this may lead to fire or electric shock.

Read the manual

On unpacking the device, please read the manual carefully and observe all instructions given.

Power Supply

Only the power supply indicated on the rating plate must be used for this device. If you are not sure which power supply you have, please contact the distributor or the local electricity supplier.

Earthing or polarization

If the plug cannot be inserted properly into the socket, or if the plug does not fit, the device must not be used in your country.

Ventilation

The housing is provided with slots and openings to ensure ventilation and reliable operation and protect the device against overheating. Do not block or cover these openings. The openings must never be blocked, for example by placing the device on a bed, a sofa, a carpet or similar surface.

Heat

Do not place the device near sources of heating such as radiator, register, stove or other heat-producing devices (including amplifiers).

Damage

Unplug the device and contact skilled technicians in the following cases:

- A) If power cord or plug is damaged.
- B) If liquid has been spilled on the device or objects have fallen into the device.
- C) If the device has been exposed to rain or water.
- D) If the device does not work properly after adhering to the instructions in the user manual. Make only the setups mentioned in the manual, as incorrect setup may cause damage and will often make it difficult for a skilled technician to make the device work properly again.
- E) If the device has been dropped or damaged in any other way.
- F) When the operation of the device changes drastically, the device requires service.

Service

Do not attempt to carry out any service work yourself. By opening or removing the housing, you will be exposed to dangerous voltage, etc. Any service work should be carried out by skilled technicians.

Spare parts

If spare parts are required, make sure that the technician uses spare parts specified by the manufacturer or with the same characteristics as the original component. Unauthorised spare parts may cause fire, electric shock, etc.

Safety check

After service or repairs, ask the service technician to carry out a safety check to ensure that the device is ready for use.

Lightning

Unplug the device for additional protection during thunder or when the device is not used for prolonged periods. This will prevent damage to the device from lightning and surges.

Penetration of objects and liquid

Never push any objects through the openings into the device, as they may touch dangerous voltage points or short circuit parts and cause fire or electric shock.

Accessories

The device must not be placed on unstable surfaces such as a trolley, stand, tripod, shelf or table. The device may fall and injure children or adults or be damaged. Use only trolley, stand, tripod, shelf or table which are very stable or provided with the device. The device must be installed in accordance with the manufacturer's instructions and by means of installation equipment recommended by the manufacturer. If the device is placed on a trolley, the trolley must be moved carefully. Sudden stops, unnecessary force and uneven surfaces may cause the trolley to turn over.

Disc drive

Keep your hands off the drive when it closes to avoid trapping your fingers.

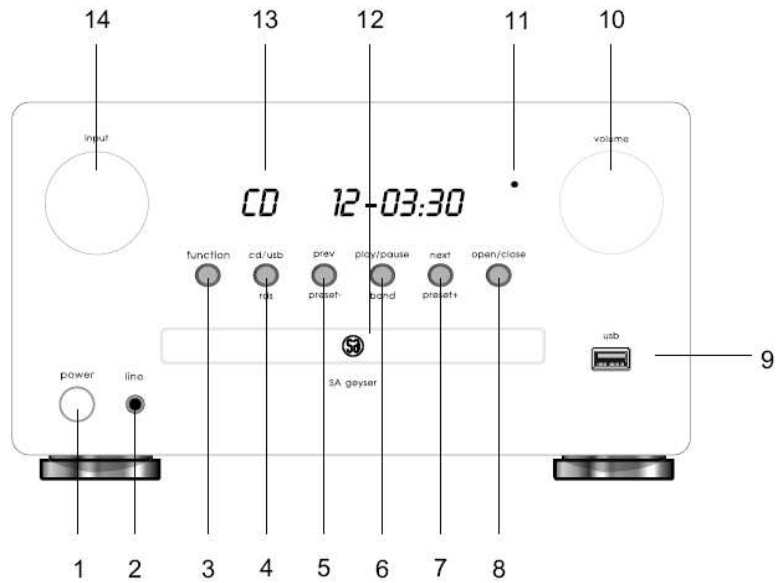
Loads

Do not place heavy loads on the device, and do not step on it. The load may fall and cause serious injury or damage to the device.

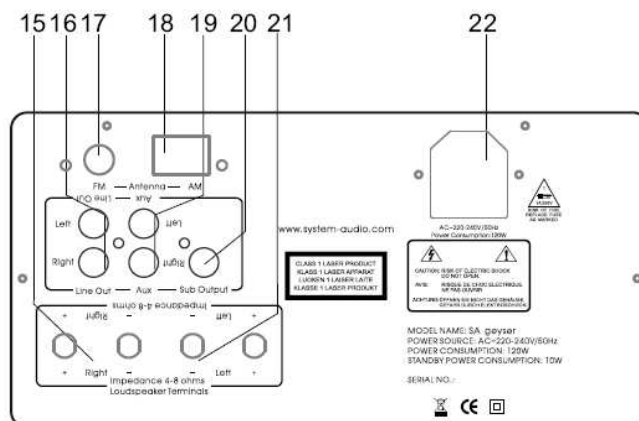
Discs

Do not use scratched, deformed or repaired discs. Such discs will break easily and may cause serious injury and damage to the device.

Front- and rear-panel

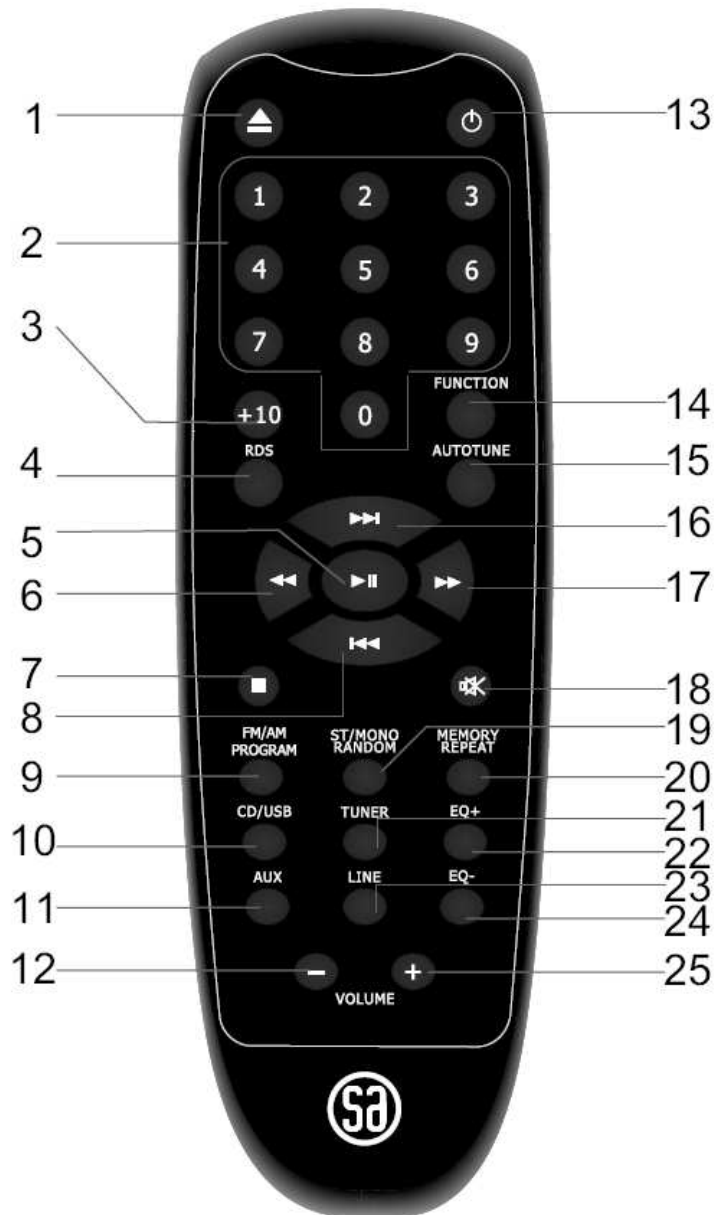


- | | |
|--|--------------------------|
| 1 AC power input | 10 Volume button |
| 2 Line In (iPod, MP3, etc...) | 11 Standby LED |
| 3 Function | 12 Disc Loader |
| 4 CD/USB selector
- RDS in tuner mode | 13 VFD display |
| 5 PREV / CH-
- Preset prev in tuner mode | 14 Input selector |
| 6 Play / Pause
- Mode (FM/AM) in tuner mode | 15 Connect right speaker |
| 7 NEXT
- Preset Next in tuner mode | 16 Line out |
| 8 Open/ Close | 17 FM antenna |
| 9 USB input | 18 AM antenna |
| | 19 AUX input |
| | 20 Connect left speaker |
| | 21 Sub out |
| | 22 AC power supply |



Remote control

- 1 Open/Close
- 2 0-9 digits
- 3 +10 digit
- 4 RDS
- 5 Play/ Pause
- 6 Fast reverse/ Tuning-
- 7 Stop
- 8 CH- / Previous
- 9 FM, AM / Program
- 10 CD/USB input
- 11 AUX input
- 12 Volume-
- 13 Power
- 14 Function (Bass/Treble/Balance)
- 15 Autotune
- 16 CH+ / Next
- 17 Fast forward / Tuning+
- 18 Mute
- 19 Stereo, Mono / Random
- 20 Memory / Repeat
- 21 Tuner input
- 22 EQ+
- 23 Line out
- 24 EQ-
- 25 Volume+



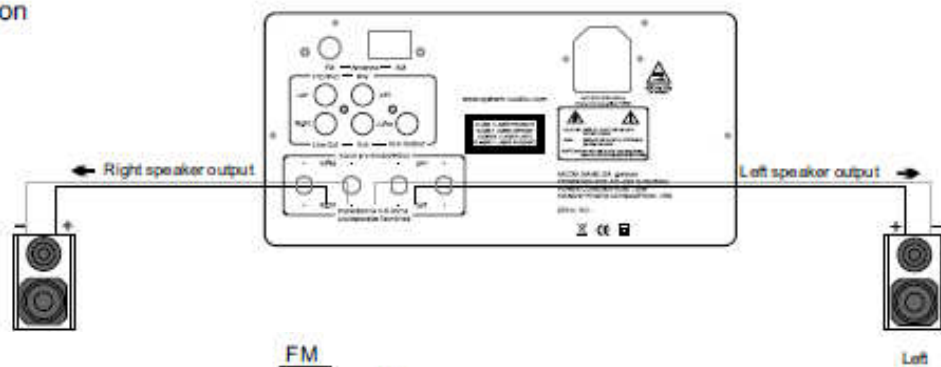
System connection

Connect cables firmly.

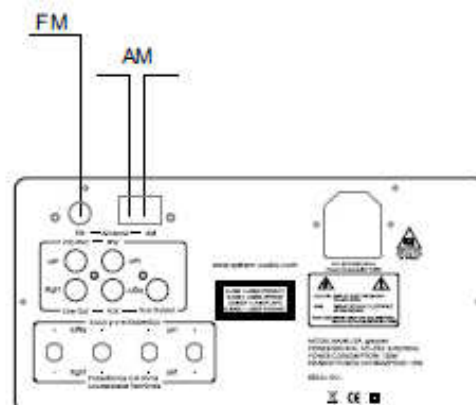
Connect the power after all other connections have been made.

Do not press the power button with a rapid frequency. The main power switch must be turned off for minimum 3 seconds before it is turned on again.

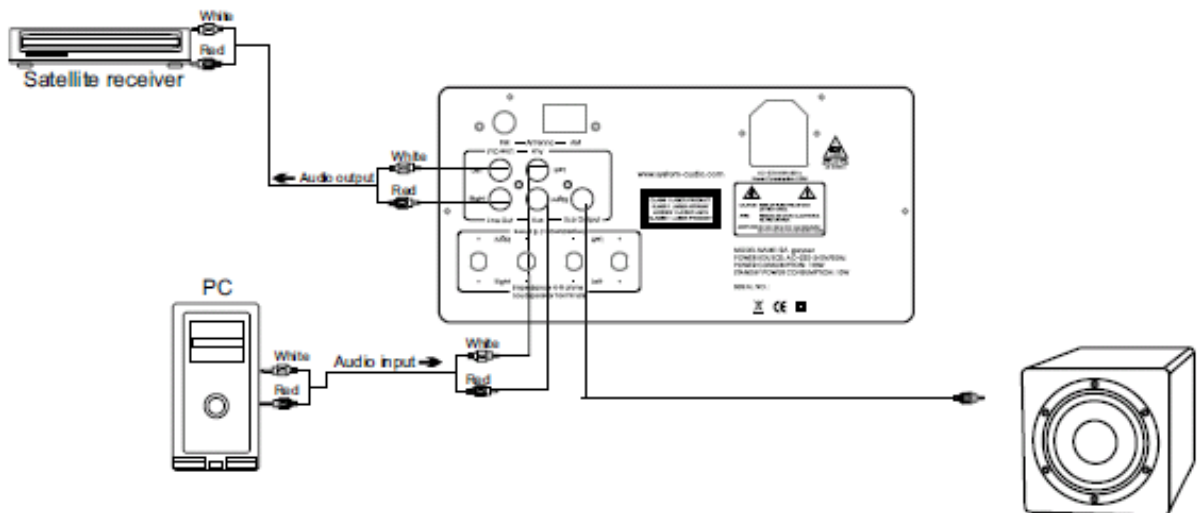
Speaker connection



Antenna connections



Audio connections



Basic operation

Preparation

Before turning the SA geyser music system on, check that all connections are correct and reliable.

Plug the AC powercord into a corresponding AC outlet.

Press POWER on the front panel.

Optimise the sound of your loudspeakers



By activating the EQ+ or EQ- four speaker settings appear in the display: "EQ OFF", "EQ WALL", "EQ COMPACT" or "EQ FLOOR". Leave the setting according to the type of loudspeaker you are using or the sound quality you prefer.

NOTE. Your EQ settings will only be memorized when the device is switched off to standby mode. When switched off on the POWER button on the front panel, the EQ settings are not memorized.

The **VARIBASS** function will increase the amount of bass at low volume. VARIBASS is activated or deactivated by the "function" button on the front panel and hereafter turning the volume control.

Volume adjustment




Press the VOLUME + and - buttons on the remote or turn the volume button on the front panel to turn the volume up and down.


Note: Do not keep the volume at maximum

level for longer periods to ensure the longevity of the unit.

Mute



Press the  button on the remote once, and the sound will be muted.

Press the  button once again to restore the sound at the last used level.

Input selection





Turn the INPUT button on the front panel to select the input, or

Press CD/USB buttons on the remote to select the input, press once is CD input, press twice is USB input available; Press the TUNER button on the remote select TUNER, then press the FM/AM button once again to change between the FM and AM band.

Press AUX buttons on the remote to select AUX input.

Open/Close



Press the  on the remote control or OPEN/CLOSE on the front panel to open the disc tray, and put the preferred disc in the disc tray. Press  or OPEN/CLOSE once again to close the disc tray. The disc will automatically start playing.

Note: The printed side of the disc must be faced upward!

Play/Pause



To start playing a disc, press the ►|| button on the remote, or the PLAY/PAUSE button on the front panel once.

To pause a disc from playing temporarily, press the ►|| button on the remote or the PLAY/PAUSE button on the front panel. To restart playing again after pause, press the ►|| button on the remote, or the PLAY/PAUSE button on the front panel.

Stop

To stop playing a disc, press the ■ button.

Fast forward and fast reverse



During playback press the ◀◀ (fast reverse) or the ▶▶ (fast forward) button for fast forward or reverse playback. , Once released pressing the buttons, the playback speed will return to normal.

Song selection



Press the ▶▶ button on the remote or the frontpanel to step to the next track on the disc. The previous track will stop playing. Press the ◀◀ button on the remote or the frontpanel to step to the previous track on the disc.

Selecting track with the 0-9 digits



When playing a disc press the 0-9 digits on the remote to select a track on the disc between track 1 and 9.

If you wish to play a track between number 10 and 19, press the +10-button on the remote once and then the preferred 0-9 digit.

If you wish to play a track between number 20 and 29, press the +10-button on the remote twice and then the preferred 0-9 digit.

If you wish to play a track between number 30 and 39, press the +10-button on the remote three times and then the preferred 0-9 digit.

WMA playback



When playing WMA tracks, press the 0-9 digits and the +10 button on the remote to play the preferred tracks. It is also possible to select tracks with the ◀◀ or the ▶▶ on the remote or the front panel.

Random playback



During CD or WMA playback press the RANDOM button on the remote to play the tracks randomly.

Press the RANDOM button once again the return to normal playback.

Radio operation

FM/AM radio operation



1. Enter the Tuner function by pressing the TUNER button on the remote or select the INPUT on the front panel. The tuner will start in the last known state. Press the FM/AM button again to change between the FM and AM band.

2. Search stations



A) To autosearch all frequencies press the AUTOTUNE button on the remote. The unit will now search the FM band in 0,5MHz steps, and the AM band in 9KHz steps. During AUTOTUNE all stations that has been found automatically will be stored. Press the AUTOTUNE button once again to stop the auto search.

B) To search station on at the time press the $F \gg$ or the $F \ll$ button on the remote. The unit will then search the selected band until it finds a station. The unit will search the FM band in 0,05MHz steps, and the AM band in 9KHz steps.

3. Saving presets



Once a frequency has been found, by either autosearch or manual search, press the MEMORY button on the remote, and the frequency will be saved on the chosen preset. A little padlock will be shown in the display when the frequency has been saved to a preset. If you want to save the frequency 92,9MHz to preset 13, choose preset 13 by pressing the +10 button on the remote twice and then the 3 button on the remote.

4. Choosing a preset



Once the preferred radio stations has been stored as presets, they can be chosen by either pressing the $F \gg$ or the $F \ll$ buttons, to step on preset up or down at the time, or the preferred station can be selected directly by using the 0-9 digits and the +10 button. If you want to listen to preset number 26, press the +10 button on the remote twice, and then press the 6 button on the remote.

5. Stereo and mono sound selection



To change between MONO and STEREO during FM playback, press the ST/MONO button on the remote.

The unit will always start up in stereo if possible. If the signal is not strong enough, stereo cannot be chosen.

Note: Stereo is not available in AM.

Note:

To obtain the best possible reception, you need to move the included FM or AM antenna until the strongest signal is found.

Troubleshooting

Please check the schematic below before requesting service.

Common symptom	Possible cause	Remedy
No function	Mains power is not connected	Connect to mains power outlet
Power is OFF		Turn the power ON.
No playback	No disc is inserted Disc is upside down	Insert a disc. Reload disc. The label side should face upward.
	Dirty disc surface. Deformed/scratched disc Condensation in unit	Clean disc surface. Replace disc. Turn power on for 1-2 hours before using the unit.
Sound in one or more	Poor or missing cable connection	Check connections channel(s) is missing
The remote doesnt work	The batteries are weak or dead The batteries are not installed properly	Change the batteries Install the batteries according to the marks in the battery compartment
	The remote is not aimed at the sensor	Aim the remote at the sensor
	Something is blocking the path	Clear the path between the remote and the sensor.
USB no playback or bad sound.	The file(s) in the device is not supported The file(s) in the device is not proper.	WMA supported only. Restore files to the devices.
	Unstable connection.	Check the connector.

Technical specifications

CD player

Compatible Discs CD,WMA
USB WMA

Connections

1 x stereo RCA inputs
FM and AM antenna input

Amplifier

Audio signal noise ratio: 70dB A weight
Frequency response: 20Hz-20KHz +/- 3dB
Audio output power: 2 x 30W Music power

FM Tuner

Tuning Range 87.5-108MHz
S/N Ratio >46dB
Monophonic >46dB
Stereo >50dB (DIN)
Selectance 50dB
THD
Monophonic 2%
Stereo 3%
Frequency Response 30Hz-10kHz +/- 1dB
Stereo Resolution 35dB (1kHz)
30dB (100Hz-10kHz)

AM Tuner

Tuning Range 522-1620KHz
S/N Ratio 35dB
THD 3%

Remote Control

Transmitter Infrared Ray
Signal Range Approximately 15'
Power Source 2 @AAA@ Batteries

General

Power Supply AC~220-240V, 50/60Hz
Consumption Power 120W
Standby Power 10W

the designer

Ole Witthoft has designed the physical appearance, the functionalities and the sound of the SA geyser music system. Ole is furthermore well-known for his internationally award-winning designs of SA loudspeakers since 1984.

