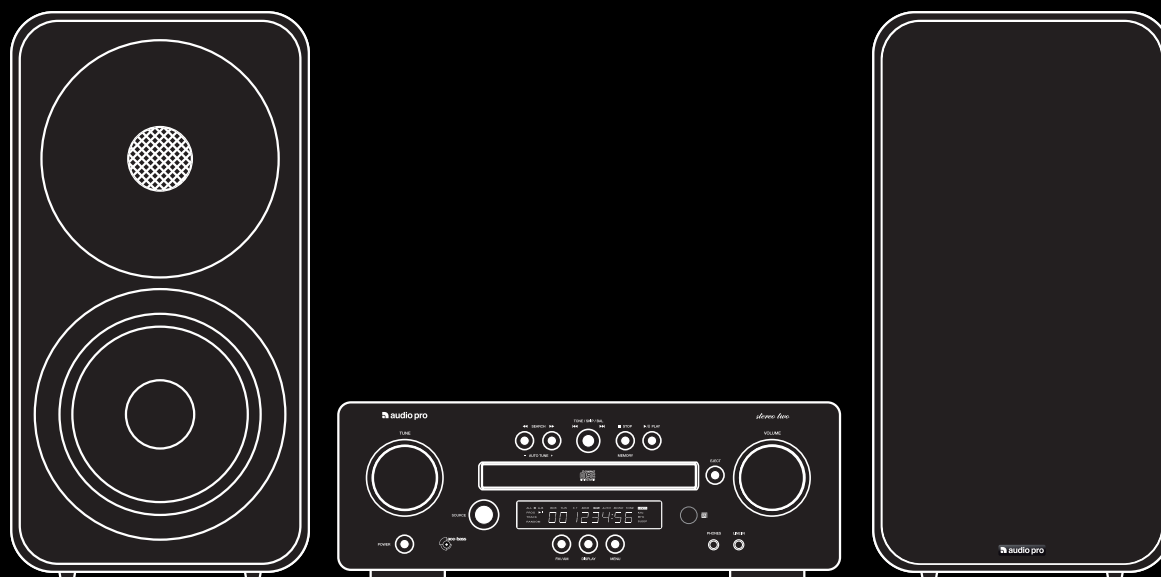


# STEREO TWO

ACE BASS CD-RECEIVER



(ENG) OPERATING INSTRUCTIONS



# CONTENTS

- 4 Before connecting to power source
- 5 Security
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  - 13 Direct tuning to a radio frequency
  - 13 Radio station pre-sets
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- 18 Other important information
- 19 Stereo Two ACE PLUS speakers
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# BEFORE CONNECTING TO POWER SOURCE

## Unpacking

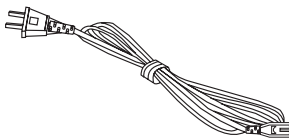
Carefully unpack the unit, making sure that all the accessories are included in the packaging (see below). Examine the receiver to make sure that it has not been damaged during transport. If your unit is damaged or it does not work, inform your dealer immediately. If the unit was delivered directly to you, contact the shipping company immediately. Only the recipient (the person or company that received the item) can file a complaint with the shipping company regarding damage incurred during transport.

Keep the box and packaging material for future shipping or transport.

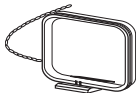
Make sure you also keep these operating instructions close by for future reference.

## Accessories included:

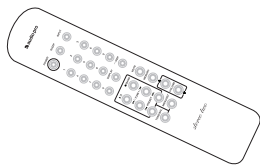
The following accessories should be included in the packaging:



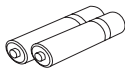
Power cable



AM antenna



Remote control



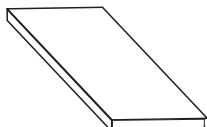
Batteries x 2



Speaker cables x 2



FM indoor antenna



Instructions

---

## NOTE! THIS UNIT IS DESIGNED FOR 230-VOLT CAPACITY

---



### WARNING!

To eliminate the risk of electric shock, never open this unit. Do not subject it to humidity or moisture of any kind. If the unit is not functioning properly, take it to a qualified service technician.



### A lightning bolt inside an equilateral triangle

warns the user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock.



### An explanation point inside an equilateral triangle

alerts the user that important literature concerning the operation and maintenance of this unit has been included.



### Labeling on products that use lasers

(Does not apply to some countries)

The label, placed on the back panel, indicates that the products use Class 1 laser beams. This means that there is no risk for radiation on the product's exterior.

# SECURITY

## Power source

This unit is intended for use with a 230 V AC power supply only. Connecting to a different power source may lead to accidents or fire and can damage the unit. Check the voltage of the power source before you connect this unit.

## Power cable

This unit has a detachable power cable. Plug it into the appropriate outlet on the back panel. Make sure that the unit is completely turned off until all other connections have been completed. Make sure that the power cable is routed so that it is not pinched or in the way of foot traffic.

A damaged power cable should be replaced immediately.

## Placement

Place the unit on a stable, even surface. If it is placed on a shelf, make sure that the shelf and its brackets will be able to bear the unit's weight. Do not place the unit in a humid or extremely hot or cold place or on a soft surface, such as a rug. Make sure that the unit is well-ventilated. We recommend at least 10 cm [four inches] of space on all sides, as well as on top. See the figure below. In order to insure that the unit is always properly ventilated, never cover the ventilation holes in the cabinet.

## Cleaning

Before cleaning, disconnect the power cable. The unit can be cleaned with a soft cloth. Never use strong solvents or other liquids.

## Water and humidity

Do not use the unit near water (for example, a bathtub, bathroom or kitchen sink), damp basements, wet rooms, or a swimming pool.

## Temperature

Do not use the unit in extremely high or low temperatures. The ideal temperature is above +5° C [41° F].

## Cabinet

Do not open the unit's cabinet. There are no parts inside the cabinet that you can repair yourself. Only an authorized service technician can carry out repairs. Every change in the product alters the terms of the warranty. If a foreign object falls inside the cabinet, disconnect the power cable immediately and contact an authorized service center.

## Abnormal odor

If the unit emits an abnormal odor or smoke, turn it off immediately and disconnect the power cable. Contact your retailer or the nearest service center.

## Overloading

Do not overload wall outlets or the fuse box, as this can result in a risk of fire or electric shock.

## Connections

Use only the enclosed or recommended connection cables and accessories.

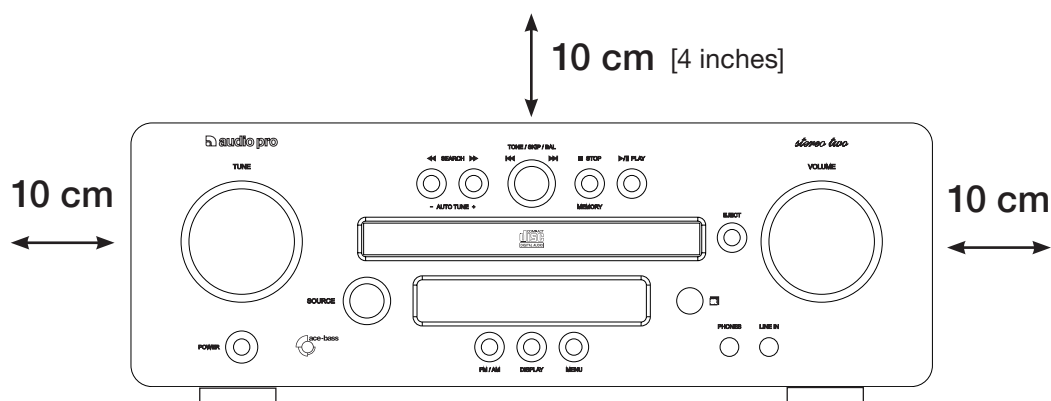
## Replacement parts

When replacements are required, be sure to use parts specified by the manufacturer or that have the same properties as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

## When to contact your service representative

The unit needs to be inspected by qualified service personnel if:

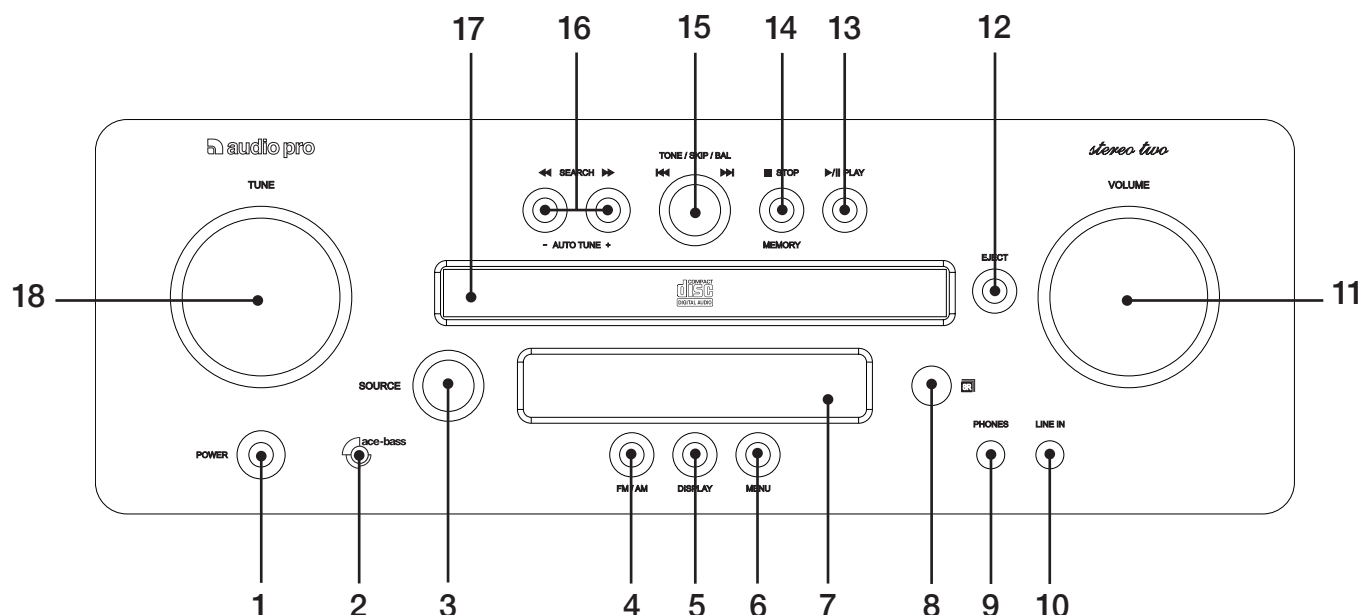
- The unit has been dropped on a hard surface or been damaged in any way.
- The unit has been exposed to rain or water.
- A foreign object has fallen inside the cabinet.
- The unit is not operating properly.
- The unit's performance has become impaired.



# CONTROLS AND INDICATORS

## HEAD UNIT

Front panel



### 1) Power switch

Press this button to turn on the receiver, provided it is in standby mode (indicated by the red LED on the ace-bass indicator (#2 on the diagram). If it is not illuminated, then the receiver is turned off, in which case, turn on the ON/OFF switch at the back of the unit (ON). The power switch is also used to place the receiver in standby mode. NOTE! The ON/OFF switch at the back of the unit turns it off completely. In standby mode, the unit can be turned on and off with the remote control. The latter procedure will not work if the ON/OFF switch on the back of the unit is turned off. (OFF)

### 2) Operating mode indicator

Indicates whether the unit is turned on (blue) or in standby mode (red). If it is not illuminated, the receiver has been turned off with the ON/OFF switch on the back panel.

### 3) Source (selection of audio source)

Turn this dial to select the audio source (CD/Radio/AUX or Line-in) on the front of the receiver. The source will be indicated briefly on the display (7).

### 4) FM/AM

Press this button to select FM/stereo, FM/mono or AM.

### 5) Display

Press this button to change the operation indicator on the display (7), for example, time, audio source, or choice of RDS modes in the radio position. See page 14.

### 6) Menu

Press to set the TIME and TIMER modes. See pages 11 and 17.

### 7) Display

Operation indicators are displayed here.

### 8) Window for remote control reception

To use the remote control, aim it at this window.

### 9) Phones (jack for headphones)

Connect the headphones cable with a 3.5 mm [1/8 inch] plug. Once the headphones are plugged in, the output for the speakers turns off automatically. Adjust the volume level. NOTE! Turn down the volume before connecting the headphones.

### 10) Line in

An additional audio source, for example, an Mp3 or a portable CD player, can be connected here with a 3.5 mm [1/8 inch] stereo plug. Select LINE as the audio source with the SOURCE button (3).

### 11) Volume

Use this knob to adjust the volume. There are ca. two full turns from minimum to maximum volume. As the knob is turned, the volume level is shown on the display. VOL OO indicates minimum volume (quiet) and VOL MAX indicates maximum volume.

### 12) Eject

Press this button to open or close the CD tray.

# CONTROLS AND INDICATORS

## 13) Play/Pause CD

Press this button to play a CD. Make sure there is a CD in the tray (17). Push the Play button again to pause the CD. By pushing the Play button again, the CD will begin playing from the point at which it was paused.

## 14) Stop/Memory

**CD mode:** Press the button to stop playing the CD.

**Tuner mode:** Press the button to open the internal memory for radio pre-sets.

## 15) Tone/Skip/Balance/Preset

Press this button to select the mode to be adjusted: BASS, TREBLE, S. DIRECT or BALANCE (these words will appear on the display).

Adjust the levels by turning the knob to the left to decrease or to the right to increase. The adjustment will appear on the display.

**CD mode:** turn the knob to the right to select the next track. Keep turning the knob to scan forward to subsequent tracks. Turn the knob to the left to listen to the same track over again. Continue to turn the knob to select earlier tracks.

**Tuner mode:** turn the knob to the right to select the next pre-set radio station. Keep turning the knob to move through pre-sets on the radio dial. Turn the knob to the left to select preceding pre-set radio stations.

## 16) Search/Auto tuning

**CD mode:** Press the right knob to search forward in the track that is being played or press the left knob to search backwards in the track being played.

**TUNER mode:** Press the right knob to automatically search next radio station up the dial. Press the left knob to search next radio station down the dial.

## 17) CD tray

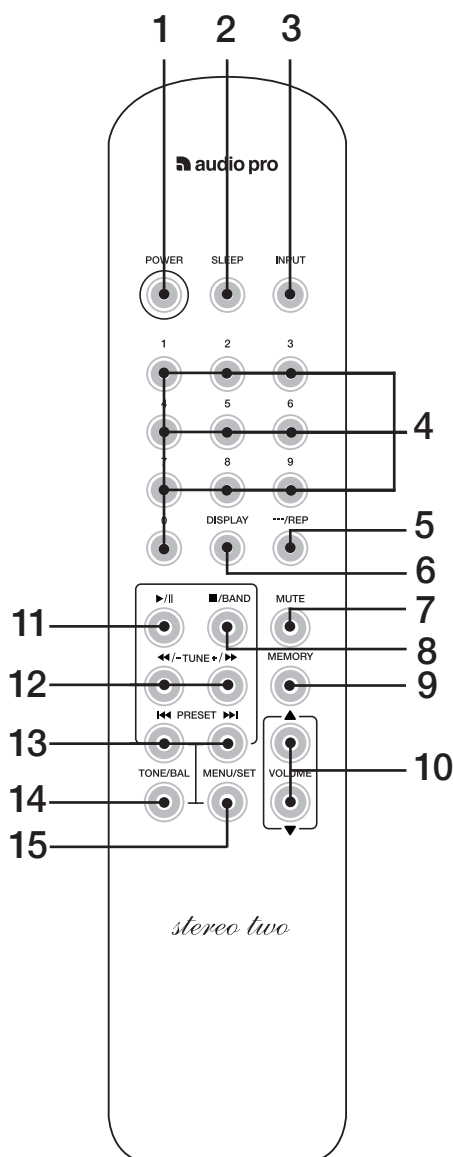
Place a CD in the tray with the label face up. Open the tray by pressing the *EJECT* button (12). Press it again to close the CD tray.

## 18) Manual tuning

Turn this knob to search for radio stations manually. Turn the knob to the right to go up the radio dial and to the left to go down the dial.

# CONTROLS AND INDICATORS

## REMOTE CONTROL



### 1) Power switch

Press this button to turn on the receiver, assuming that it is in standby mode (the ace-bass indicator LED is red). If it is not red, the receiver is off. Turn on the receiver with the ON/OFF switch at the back of the unit. Press the button again to put the receiver in standby mode.

### 2) Sleep (automatic sleep mode)

This button automatically activates the sleep mode. Every time this button is pressed, the shut-off time decreases by 10 minutes (90-80-70, etc). To disconnect this function, press the button until it displays OO.

### 3 Input (selection of audio source)

Every time this button is pressed, the audio source – CD/Radio/AUX 1,2,3/Line – changes. This will be indicated on the display.

### 4) Numerical buttons

The numerical buttons 0-9 permit the user to select:  
**CD mode:** track number.

**Tuner mode:** pre-set radio stations or numerical input of a radio frequency

### 5) Repeat/Presets FM

**CD mode:** selection of repeat function. See separate section on page 12.

**Tuner mode:** instant selection of a radio frequency. See separate section on page 13.

### 6) Display

Use this button to select display mode – clock or selected audio source. In the radio mode, the display will also indicate the RDS function selection. See page 14 for more information.

### 7) Muting

Mute the audio with this button. Press it again to return to the previous volume level. Muting will be indicated on the display.

### 8) Stop/Select FM/AM

**CD mode:** to stop a CD.

**Tuner mode:** selection of FM/stereo, FM/mono or AM.

### 9) Memory (accessing the memory)

Press this button to access the memory. See separate section on page 13.

### 10) Volume (volume control)

Press the top button to increase the volume and the bottom one to decrease it.

### 11) Play/Paus

Press this button to begin playing a CD. Press it one more time to pause the CD. Press the button again to start playing the CD at the point at which it was paused.

### 12) Search/tuning

**CD mode:** search forward (+) or backward (-) within a track.

**Tuner mode:** automatic station search up (+) or down (-) on the frequency scale.

### 13) Skip/Presets (snabbval)

**CD mode:** skip forward to the next track or back for the previous one.

**Tuner mode:** skip forward or backward to the next pre-set.

### 14 Tone/Balance

Press this button to adjust the bass/treble or the balance. See separate section on page 16

### 15 Menu/Set

Setting the time and timer functions. See separate sections on pages 11 and 17.

### Note:

When using the remote control, aim it at the head unit.

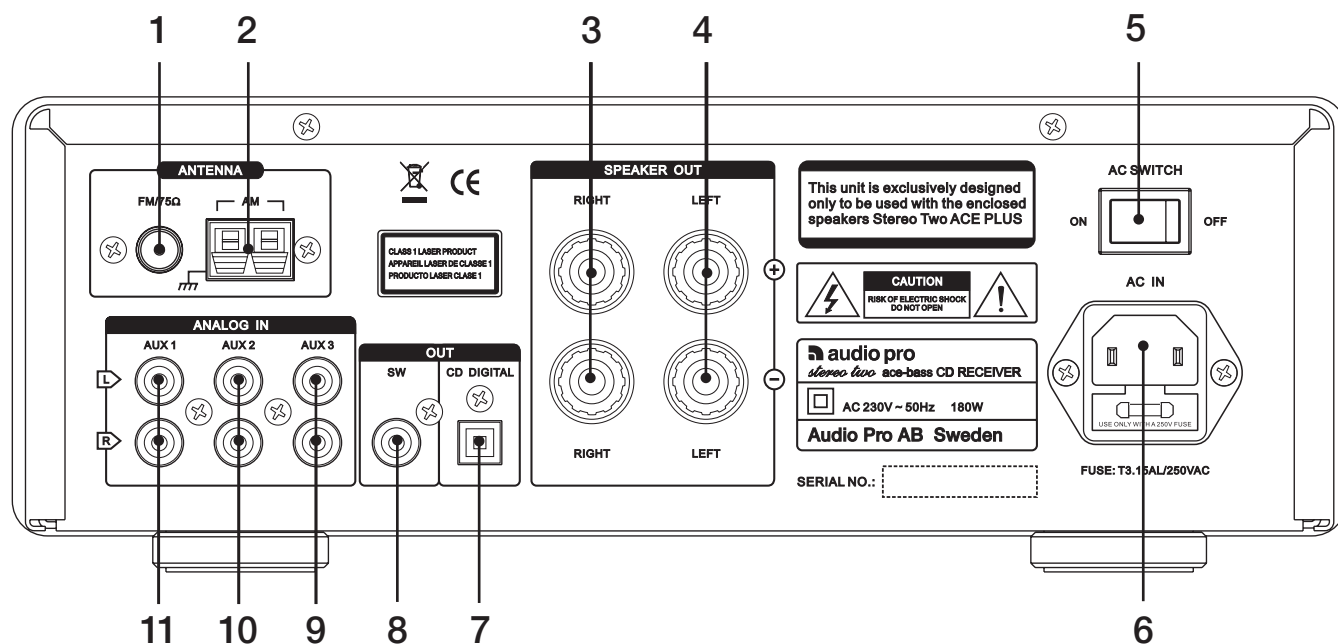
The battery cover is located on the back of the remote control.



# CONTROLS AND INDICATORS

## HEAD UNIT

Rear panel



### 1) Connecting the FM indoor antenna

Connect the enclosed FM indoor antenna. Locate the wire where the reception will be optimal.  
NOTE: It is also possible to connect a central or outdoor antenna here; either one will provide better reception than the indoor antenna.

### 2) Connecting the AM antenna

Connect the enclosed AM antenna. Place the ring as far from the main component, TV, and power cables as possible. Adjust the direction of the antenna for the best reception.

### 3 & 4) Speaker terminals

Connect the included speaker cables – the right channel to 3 and the left channel to 4. Make sure to also connect + to + and – to – on the speakers. See separate section on page 10.

### 5) MAINS [ON/OFF] switch

The mains [ON/OFF] switch must be in the ON position in order for the power switch on the front of the panel to function. The unit should only be turned off completely if it is not going to be used for longer periods of time, if repair work needs to be performed, or if cables need to be switched out.

### 6) Power outlet

Only connect the power cable after all other connections have been completed.

### 7) Digital optical output from CD

Connect an optical cable for digital transfer to another component, such as a MiniDisc player.

### 8) Subwoofer output

Output for an active subwoofer (with built-in amplifier). Connect a low-level cable between the subwoofer and this output. A subwoofer is an extra accessory.

### 9) AUX input 3

Input for other external audio sources such as CD player, DVD player\*, Cassette player, MiniDisc or Mp3 player.

### 10) AUX input 2

Input for other external audio sources such as CD player, DVD player\*, Cassette player, MiniDisc or Mp3 player.

### 11) AUX input 1

Input for other external audio sources such as CD player, DVD player\*, Cassette player, MiniDisc or Mp3 player.

\*Note: The video signal has to be connected to the TV set directly.

# INSTALLATION

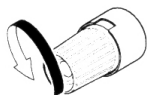
## Connecting the speakers

Connect the enclosed speaker cables according to the figure below. One end to the speakers and the other ends to the amplifier, following the directions 1 – 4 below. Make sure to connect + to + and – to –. The enclosed speaker wires are 3 meter long. The speaker wires can be replaced with other brands and lengths.

1) Remove the sheath from the end of the wire



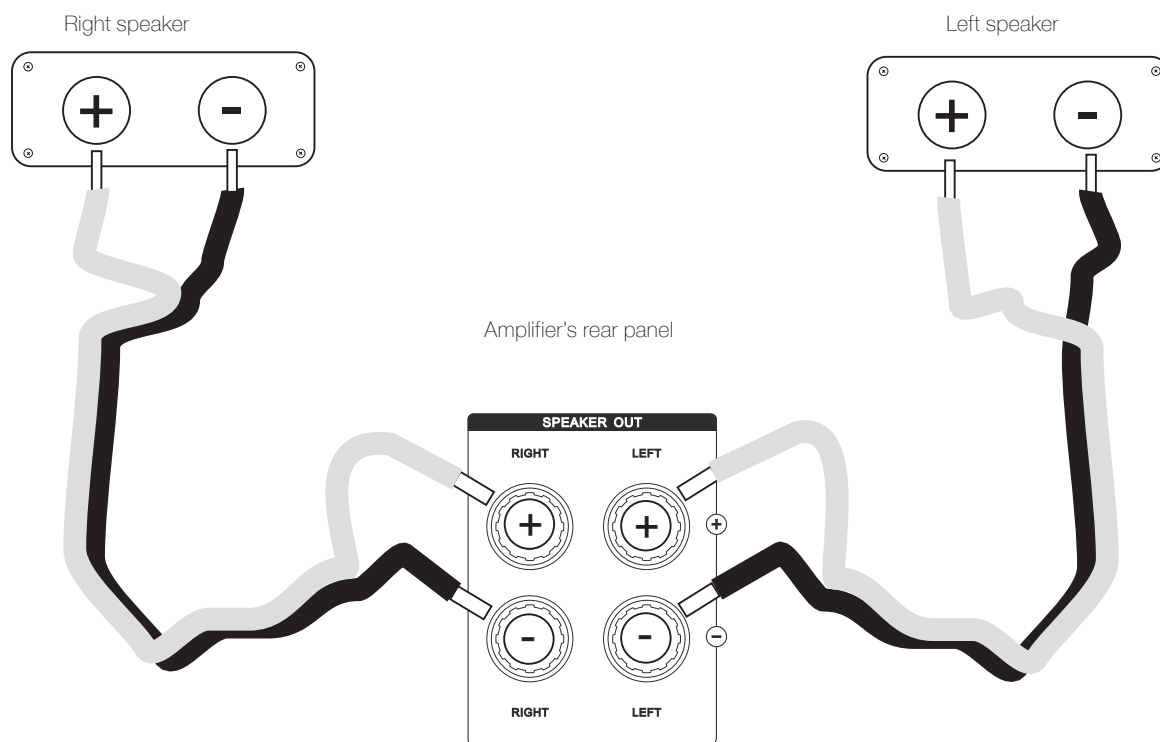
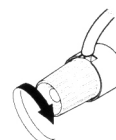
2) Open the speaker terminal



3) Insert the wire into the speaker



4) Tighten



## Connecting the subwoofer (extra accessory)

An active subwoofer will substantially improve the bass reproduction. Connect a line cable between the *SW OUT* and *LINE IN* input on the subwoofer. Generally, a line cable is delivered with a subwoofer.

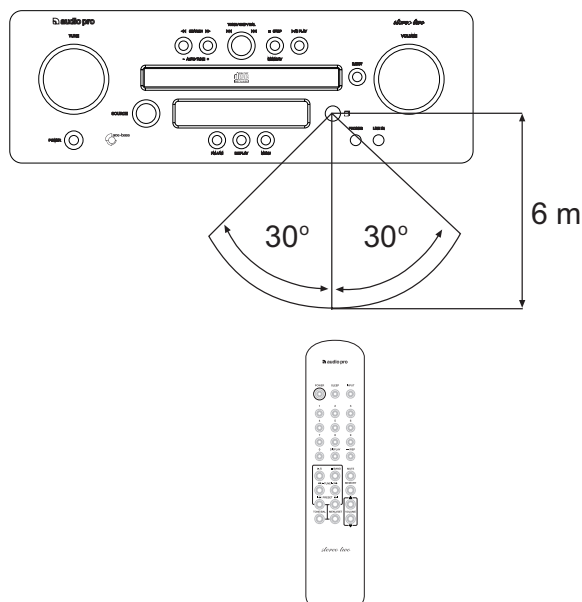


# INSTALLATION

## Using the remote control

Insert the AAA batteries included in the packaging into the battery opening on the back of the remote control. Make sure that the polarities (+ and -) are aligned correctly.

## The remote control's operating range (approximate)



Note that the remote control's power button only works if the power switch on the back of the head unit is in the ON position and the LED on the front of the panel is red. Weak batteries will affect the range of the remote control.

## Setting of the clock

When this unit is used for the first time, or if it has been turned off by the main power switch, or if there has been a power outage, no time will appear in the display.

Note: Clock setting can only be made in Standby mode. Make sure the unit is in Standby mode before setting the clock.

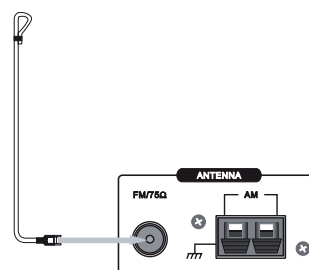
- 1) Press **MENU**. SET is indicated in the display.
- 2) Adjust the correct hour using the **TONE/SKIP** knob.
- 3) Press **MENU** again and adjust the correct minutes using the **TONE/SKIP** knob
- 4) Press **MENU** and the display confirms DONE.

Setting the clock is also possible from the remote control. Then use **MENU** and **PRESET** buttons.

The clock can also be set automatically when a radio station with RDS/CT is tuned.

## Connecting the FM indoor antenna

Connect the FM indoor antenna plug to the output on the back panel.



Locate the other end where the reception is good.

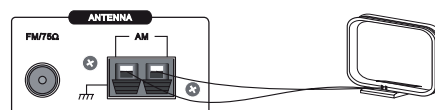
Connect a central or outdoor antenna here too.

## Connecting the AM antenna

Connect the AM antenna wires according to the figure below.

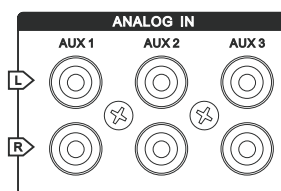


Place the ring as far from the unit, TV, and power cables as possible. Adjust the placement of the ring for the best possible reception.



## Connecting an external audio source

Connect an external audio source with RCA plugs to AUX 1-3 on the back panel or with a 3.5 mm [1/8 inch] plug to LINE IN on the front panel. Select the respective audio source with **SOURCE** on the front panel or **INPUT** on the remote control.



AUX IN on the back panel

LINE IN



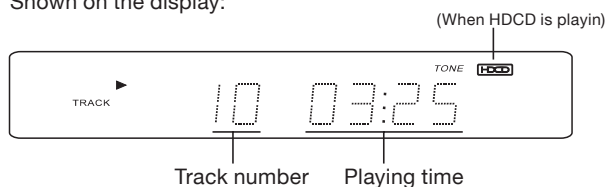
LINE IN on the front

# CD FUNCTIONS

## Playing a CD

Press *EJECT* to open the CD tray. Place a CD in the tray with the label facing up. Press *EJECT* to close the tray. Press *PLAY* to listen to the first track.

Shown on the display:

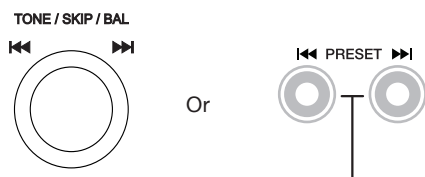


## Pausing the CD

Press *PLAY* to pause the CD. Press *PLAY* again to resume playing the CD.

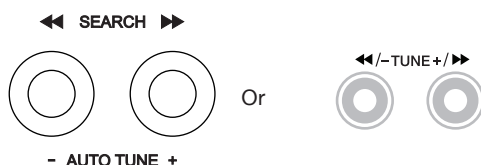
## Skipping tracks

Turn the *TONE/SKIP* knob to the right to skip to a higher-numbered track. Turn the knob to the left to skip to a lower-numbered track.  
If using the remote control, press the *PRESET* buttons.



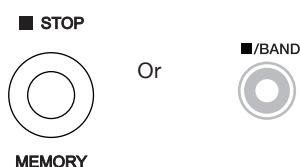
## Searching within tracks

Press on the right *SEARCH* button to fast forward quickly within a track and the left *SEARCH* button to search backward quickly.  
If using the remote control, use the *TUNING* buttons.



## Stopping the CD

Press the *STOP* button or, if using the remote control, the *BAND* button.



## CD Replay

This option can only be used with the remote control. The following functions are available:

- Repeat a track
- Repeat an entire CD
- Repeat from point A to point B



Begin playing the CD. Press the ---/REP button once in order to replay the current track.

This symbol will appear on the display:

Press this button twice to replay the entire CD.

This symbol will appear on the display: **ALL**

Press the button three times to select point A and then once more to select point B.

This symbol will appear on the display: **A - B**

## Stopping CD repeat

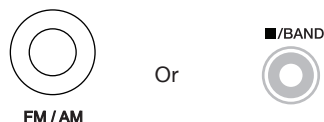
Press the ---/REP button until none of the above indicators is visible on the display.

# TUNER FUNCTIONS

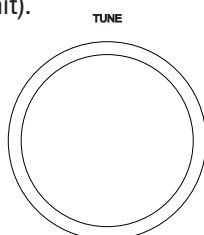
## Manual search of FM/AM radio stations

Select TUNER as an audio source using the *SOURCE* button. Select FM-stereo, FM-mono or AM with the *FM/AM* button.

On the remote control, use the *INPUT* and *BAND* buttons.



Turn the *TUNING* knob to the right to search up on the radio dial or to the left to search down on the radio dial. (The manual search option is only available on the head unit).



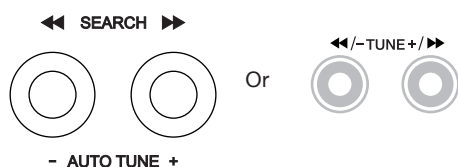
## Automatic search of FM/AM radio stations

Using the *SOURCE* button, select TUNER as an audio source.

Using the *FM/AM* button, select FM-stereo, FM-mono or AM.

Press *AUTO TUNE* - or +. By pressing +, the next station up the dial is located. Press the button again to search further. Press on - for an equivalent search down the dial.

Use the *TUNING* button on the remote control to perform these functions.



## Direct tuning to a radio frequency

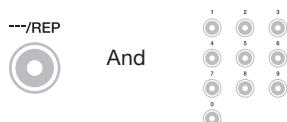
(This option is only available with the remote control).

Example 1: To tune in to frequency FM 107.60 MHz:

Select FM. Press the ---/REP button on the remote control. Enter the numbers in the following order: 1,7,6,0.

Example 2: To tune in to frequency FM 89.90 MHz:

Select FM. Press the ---/REP button on the remote control. Enter the numbers in the following order: 8,9,9,0.



## Tuner pre-sets

A total of 80 FM and AM stations can be stored in memory.

Locate a desired radio station (FM or AM). Open the memory with the *STOP MEMORY* button on the front panel or the *MEMORY* button on the remote control.

Select the desired program number with the *TONE/SKIP* button on the front panel or the numerical buttons on the remote control.

The program number and the MEM indicator will blink on the display.

Press the *STOP MEMORY* button on the front panel again or the *MEMORY* button on the remote control.

The radio station is now saved in memory.

The program number will stop blinking and the MEM indicator will go off.

Repeat the above procedure to pre-set other radio stations.

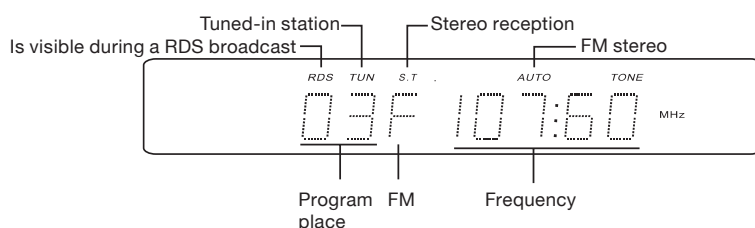
## Locating pre-set radio stations

Using the *SOURCE* button, select TUNER as an audio source.

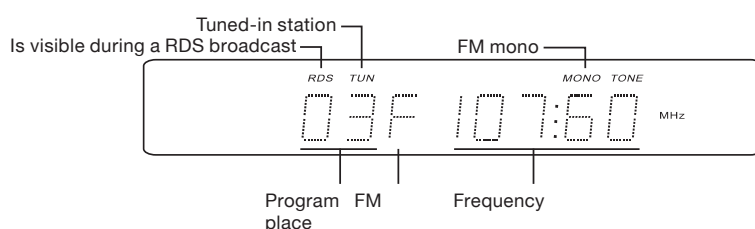
Turn the *TONE/SKIP* button on the front panel or press the *PRESET* button on the remote control to select the desired program number.

## Display during radio listening

### FM stereo



### FM mono



# RDS [RADIO DATA SYSTEM] FUNCTIONS

## RDS (Radio Data System)

RDS is a system that sends information (digital data) for FM broadcasts together with the broadcast signal. Radio parts developed for RDS reception can convert these digital data for the display of program names, program types, current time, etc.

## Using RDS (Europe only)

The following functions are available (in the following order):

PS (Program Service Name)  
Displays the station name

PTY (Program Type Identification)  
Displays the program genre

RT (Radio Text)  
Displays any messages sent by the station

CT (Clock Time)  
Shows the current time (sets the clock automatically)

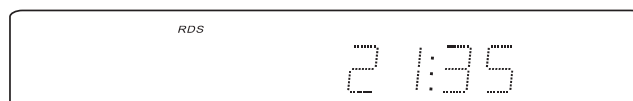
(PTY) Press the *DISPLAY* button to see the radio program genre. See the next page.  
“NO PTY” on the display indicates that this function is not available. The display reverts back to showing PS (if it is available) or the frequency.



(RT) Press *DISPLAY* to see the radio text message, if there is one. The text message will scroll from right to left. “NO RT” indicates that this function is not available, in which case the display reverts to showing PS (if it is available) or the frequency.



(CT) Press *DISPLAY* once to show the current time. “--:--” indicates that this function is not available.



## Data on the display

Tune in a radio station with an RDS signal. RDS is indicated in red on the display if the selected station transmits with an RDS signal.

The display shows the station's frequency, as well as a pre-set program, if there is one. If the PS function is available, the display automatically shows a PS name after ca. 5 seconds.



(PS) Press *DISPLAY* again to see the radio station's name. “NO PS” indicates that the function is not available. The display reverts to showing the frequency.



**Note:**  
The above RDS functions can also be selected with the remote control's *DISPLAY* button.

The RDS functions and selections vary between different radio stations and countries.

# RADIO FUNCTIONS - RDS

## RDS program types (PTY)

<u>Program type</u>	<u>Shown on the display</u>
News	NEWS
Current affairs	AFFAIRS
Information	INFO
Sports	SPORT
Education	EDUCATE
Drama	DRAMA
Culture	CULTURE
Science	SCIENCE
Varied	VARIED
Pop music	POP M
Rock music	ROCK M
Easy-listening music	EASY M
Light music	LIGHT M
Classical music	CLASSIC
Other music	OTHER M
Weather	WEATHER
Finance	FINANCE
Children	CHILDREN
Social issues	SOCIAL
Religion	RELIGION
Call-in program	PHONE IN
Travel	TRAVEL
Leisure	LEISURE
Jazz music	JAZZ
Country music	COUNTRY
National music	NATION M
Oldies	OLDIES
Folk music	FOLK M
Documentary	DOCUMENT

# ADJUSTING THE SOUND

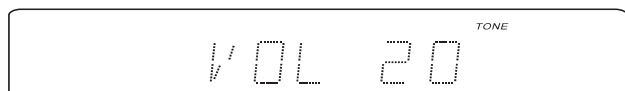
## Adjusting the volume

Turn the volume knob clockwise (to the right) to raise the volume or counter-clockwise (to the left) to lower the volume.

The scale shown on the display ranges from 00-40, that is, from VOL 00 (minimum) to VOL MAX (maximum).

Always check the volume setting before an audio source is turned on. Turn the volume knob all the way down before unplugging headphones.

Example: display showing the volume at 20.



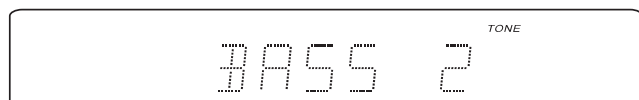
## Muting (Only possible with the remote control)

The volume can be turned off temporarily with the muting function on the remote control. Press the *MUTING* button on the remote control to turn the audio off temporarily. During *MUTING*, the display will blink. Press the *MUTING* button again to return to the previous volume (Only possible from the remote control). The muting also stops if the volume knob setting is changed.

## Adjusting the bass

Press the *TONE/SKIP/BAL* button until *BASS* appears on the display. Within a few seconds, turn the same knob clockwise (to the right) to increase the bass or counter-clockwise (to the left) to decrease the bass. The normal position is indicated by *BASS 0*.

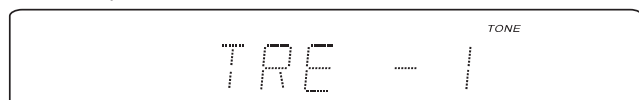
Example: bass set at +2.



## Adjusting the treble

Press the *TONE/SKIP/BAL* button until *TRE* appears on the display. Within a few seconds, turn the same knob clockwise (to the right) to increase the treble or counter-clockwise (to the left) to decrease the treble. The normal position is indicated by *TRE 0*.

Example: treble set at -1.

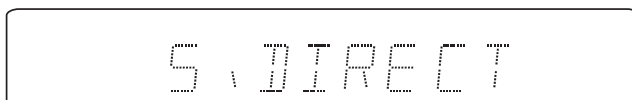


## Playback without the tone settings

Press the *TONE/SKIP/BAL* knob so *S.DIRECT* is displayed. Turn the knob to choose *SDIR ON* or *SDIR OFF*.

*S.DIR. ON* = Tone controls are off  
*S.DIR. OFF* = Tone controls are on

Example: *S. DIRECT* selected.



## Adjusting the balance between the left and right channel

Press the *TONE/SKIP/BAL* button until the *L00-00R* indicator appears on the display. Then, turn the same knob clockwise (to the right) to decrease the left channel or counter-clockwise (to the left) to decrease the right channel. The normal position is indicated by *LOO-OOR*.

Example: normal balance position.



## Note:

When the *TONE/SKIP/BAL* button is pressed, the last function selected is displayed. Continue pressing the button until the desired function is displayed.

Once a function has been selected, the adjustment must take place in a few seconds.



# TIMER FUNCTIONS

## Timer

The timer can be set for one event within a 24 hours period (ONCE) or for recurring events (EVERYDAY). The time settings for both are kept in the memory even if they are not activated.

The timer settings will be erased if the main power switch is set to OFF or if there is a power failure.

The timer functions can be programmed and adjusted in different menus. Here is the order of appearance.

TIME SET = Select the ON and OFF time  
MODE SET= Select ONCE or EVERYDAY mode  
SRC SET = Select the source to be played  
VOL SET = Select the desired volume  
EXIT SETUP = Exit the set up mode

When DONE is indicated in the display next menu is automatically open. (Skip step 1 in the following menus if the settings are made row).

## Setting the timer

Timer setting can only be made or changed in ON mode. This can also be done from the remote control.

### TIME SET:

- 1) Press *MENU*. TIME SET is indicated in the display
- 2) Press *MENU* again to adjust the hour for ON time setting. Use the *TONE/SKIP* knob
- 3) Press *MENU* again to adjust the minutes for ON time setting. Use the *TONE/SKIP* knob
- 4) Press *MENU* again to adjust the hour for OFF time setting. Use the *TONE/SKIP* knob
- 5) Press *MENU* again to adjust the minutes for OFF time setting. Use the *TONE/SKIP* knob
- 6) Press *MENU* again and the display confirms DONE

### MODE SET:

To activate the timer function

- 1) Press *MENU* and turn the *TONE/SKIP* knob to display MODE SET.
- 2) Press *MENU* and select ONCE or EVERYDAY using the *TONE/SKIP* knob

- 3) Press *MENU* and the display confirms DONE SRC SET:

Select the preferred source

- 1) Press *MENU* and turn the *TONE/SKIP* knob so SRC SET is displayed
- 2) Press *MENU* and select the desired source using the *TONE/SKIP* knob
- 3) Press *MENU* and the display confirms DONE

### VOL SET:

Select the preferred volume setting

- 1) Press *MENU* and turn the *TONE/SKIP* knob so VOL SET is displayed
- 2) Press *MENU* and select the preferred volume setting for the ON mode
- 3) Press *MENU* and the display confirms DONE

### EXIT SET UP:

- 1) Press *MENU*

If no settings are made within 10 seconds, the unit will automatically exit set up.

It is possible to directly enter a specific menu and do adjustments. Press *MENU* and turn the *TONE/SKIP* knob to find the specific menu.

Note regarding timer function:

To activate the timer:

If all timer settings are done and shall not be changed, the timer function is activated by pressing *MENU* and then go to MODE SET using *TONE/SKIP*. Choose ONCE (within 24 hours) or EVERYDAY. Press the *DISPLAY* knob to check actual status. "I" is displayed for ONCE and "E" for EVERYDAY.

Deactivating the timer:

Press *MENU* and turn the *TONE/SKIP* to select MODE SET. Select OFF.

To select volume and source:

It is possible to select a desired source and a desired volume to be performed at the time of ON. Check the above instructions regarding VOL SET and SRC SET.

# OTHER IMPORTANT INFORMATION

## Connecting the headphones

Connect the headphones with a 3.5 mm [1/8 inch] stereo plug to the PHONES output on the front panel. When the headphones are connected, the speaker output turns off automatically. When the headphones are connected, there is no audio output from the speakers. Adjust the volume with the volume knob. Listening through the headphones at high volumes can be dangerous to one's hearing.

NOTE! Before disconnecting headphones, turn the volume knob to minimum (VOL 00).

## Connecting an audio source to LINE IN on the front panel

Connect an external sound source (such as an Mp3 player) to LINE IN on the front panel. Use a cable with a 3.5 mm [1/8 inch] stereo plug. Select LINE as an audio source using the *SOURCE* button on the front panel or the *INPUT* button on the remote control.

## Connecting an audio source to AUX on back panel

Connect an external audio source (such as a CD player, DVD player or computer) to the AUX inputs on the back panel. Use a cable with PHONO plugs. Select AUX 1, 2 or 3 as the audio source using the *SOURCE* button on the front panel or the *INPUT* button on the remote control.

# STEREO ONE ACE PLUS SPEAKERS

## Stereo Two ACE PLUS speakers

These speakers are included in the packaging. They were designed and developed to be used exclusively with the Stereo Two CD receiver. These speakers can not be connected to another amplifier. The enclosed speaker cables can be replaced by another cable if other length is required.

Thanks to Audio Pro's patented ACE BASS technology, Stereo Two ACE PLUS, together with the Stereo Two CD receiver, offers a unique audio experience.

## What is ACE BASS?

The laws of physics apply to the construction of ordinary speakers. As a consequence, in order for it to reproduce a deep bass, the speaker cabinet would have to be very big. With our ace bass technology, we can "alter" the laws of physics to make the speaker element believe that it is housed in a much bigger speaker cabinet than it is really is. In addition, this technology also makes it possible for us to improve the unit's electronic performance and properties.

## Connecting the speakers

Read more about connecting the speakers on page 10. Be careful to connect the red cable to + and the black cable to -. Use only the included cables. They must not be shortened or lengthened.

Note that the cables are different. The end with the crimped fork terminals must be connected to the speakers.

## Technical data: Stereo Two ACE PLUS

Type:.....2-way passive radiator, ace-bass

Drivers:

Tweeter:.....1" Aluminum dome

Woofer:.....5 1/4" Polyglass cone

Racetrack Passive radiator:.....5 1/4" x 8"

Crossover frequency:.....2.800Hz

Frequency range:.....33Hz - 40.000Hz

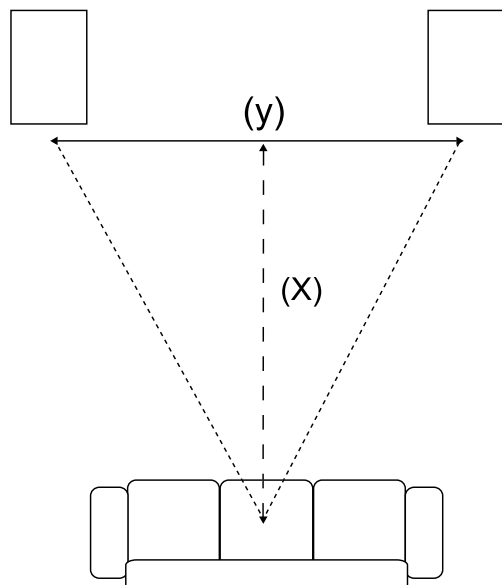
Impedance:.....4 ohm

Dimensions:(WxHxD):..195x350x320(+15)mm

## Placement

The Stereo Two ACE PLUS is designed to be placed on a stand, table, or bookshelf. If the speaker is placed on a bookshelf, make sure that there is at least 10 cm [4 inches] of space in back of it.

Try to place the speaker in accordance with the figure below. For an optimal stereo image, axis (y) should be shorter than axis (x). For a wider stereo image, the speakers can be turned inward slightly.



## Note:

Stereo Two ACE PLUS is intended for use with the Stereo Two CD receiver only.

Use only Audio Pro original parts to replace a speaker element or other component in the speakers. Contact your retailer for more information.

# TROUBLESHOOTING

If a unit does not function or perform as expected, the problem is not always a mechanical one. The solution may be found in the table below. Check here before you contact your retailer or authorized service center

Symptom:	Possible cause:	Possible correction:
Absence of sound	<ul style="list-style-type: none"> <li>* Speaker cables not connected</li> <li>* Volume set at minimum</li> <li>* Muting activated</li> <li>* Headphones are connected</li> </ul>	<ul style="list-style-type: none"> <li>* Connect according to the diagram on page 10</li> <li>* Turn up the volume</li> <li>* Turn up the volume or press the muting button on the remote control</li> <li>* Turn the volume to minimum and disconnect the headphones</li> </ul>
No sound from the left or right speaker	<ul style="list-style-type: none"> <li>* The speaker cables are not connected</li> </ul>	<ul style="list-style-type: none"> <li>* Connect the cables according to the diagram on page 10</li> </ul>
Timer does not work	<ul style="list-style-type: none"> <li>* Times have not been set</li> <li>* There was a power outage</li> <li>* The timer function is not activated</li> </ul>	<ul style="list-style-type: none"> <li>* Set the timer times. See page 17</li> <li>* Set the timer times. See page 17</li> <li>* Activate the timer. See page 17</li> </ul>
The time is not displayed	<ul style="list-style-type: none"> <li>* There was a power outage</li> <li>* The main power switch was turned off</li> </ul>	<ul style="list-style-type: none"> <li>* Set the current time. See page 11</li> <li>* Set a radio station using RDS/CT</li> </ul>
Poor or absent FM reception	<ul style="list-style-type: none"> <li>* The FM antenna is not connected</li> <li>* No stations are set</li> <li>* AM chosen as frequency</li> </ul>	<ul style="list-style-type: none"> <li>* Connect the FM antenna. See page 1</li> <li>* Find correct frequency. See page 13</li> <li>* Select FM Stereo as the frequency. See page 13</li> </ul>
No FM stereo reception	<ul style="list-style-type: none"> <li>* FM Mono or AM chosen as frequency</li> </ul>	<ul style="list-style-type: none"> <li>* Select FM Stereo as frequency. See page 13</li> </ul>
A pre-set station can not be accessed	<ul style="list-style-type: none"> <li>* No broadcasting</li> <li>* Station erased from memory</li> </ul>	<ul style="list-style-type: none"> <li>* Wait for a broadcast from the station</li> <li>* Search for the station and pre-set it again</li> </ul>
Poor or absent AM reception	<ul style="list-style-type: none"> <li>* The AM antenna is not connected</li> </ul>	<ul style="list-style-type: none"> <li>* Connect the AM antenna. See page 11</li> </ul>
A CD does not play	<ul style="list-style-type: none"> <li>* The CD is upside down</li> <li>* The CD is very dirty</li> <li>* The CD is very scratched</li> <li>* Condensation on the optical lens</li> <li>* Another audio source selected</li> </ul>	<ul style="list-style-type: none"> <li>* Put the CD in the tray with the label face up</li> <li>* Carefully clean the CD</li> <li>* Try a different CD</li> <li>* If the unit has been subjected to extreme temperature fluctuations, do not use it for a while</li> <li>* Select CD with the SOURCE button or press PLAY</li> </ul>
Remote control functions poorly or not at all	<ul style="list-style-type: none"> <li>* The batteries are burned out</li> <li>* The battery polarities are incorrect</li> <li>* Out-of-range usage</li> <li>* Remote control not aimed at the front panel</li> </ul>	<ul style="list-style-type: none"> <li>* Install new AAA batteries</li> <li>* Insert the batteries according to the diagram in the battery compartment</li> <li>* Use the remote control within its range. See page 11</li> <li>* Aim the remote control toward the front panel.</li> </ul>

# TECHNICAL DATA

## Audio section:

Output power:

RMS:

20Hz-20kHz < 0,7% THD, 4 Ω.....2 x 75W

Dynamic output power: (IHF-202)

With enclosed ace-plus speakers...2 x 175W

Frequency response:

.....4Hz-103kHz (-3dB)

Signal-to-noise ratio:

.....85dBA

Input sensitivity/Impedance:

AUX in:.....500mV/33kΩ

Line in:.....200mV/33kΩ

Tone controls:

BASS:.....±10dB 100Hz, 2dB/step

Treble:.....±10dB 10kHz, 2dB/step

Balance control:

.....0-10dB 1dB/step

## FM tuner:

Frequency range:

.....87,5 - 108MHz

Signal-to-noise ratio:

.....60dB

Usable sensitivity:

.....4μV

Stereo separation:

.....35dB

Image rejection:

.....70dB

## AM tuner:

Frequency range:

.....531 - 1602kHz

Signal-to-noise ratio:

.....40dB

Usable sensitivity:

.....1mV

Image rejection:

.....30dB

## Other:

CD player

Readable types

.....CD, HDCD, CD-R: 8cm och 12 cm

AM/FM tuner with RDS

Number of presets

.....80presets (FM/AMtogether)

Line input on the front panel for connection of MP3 player

Optical output from CD

Subwoofer output

Built-in clock with timer and sleep functions

Dimensions:

Width: .....304 mm

Height:.....110 mm

Depth:.....380 mm

Weight:.....7 Kg

Power consumption:

Max:.....180W

Standby:.....1,8W

## Speakers Stereo Two ace-plus

Enclosure:.....2-way passive radiator, ace-bass & ace-plus

Drivers:

Tweeter:.....1"Aluminumdome

Woofer:.....5 1/4" Polyglass cone

Racetrack Passive radiator:.....5 1/4" x 8"

Cross-over frequency:.....2.800Hz

Frequency response:.....33Hz - 40.000Hz

Impedance:.....4 Ω

Dimensions:

Width:.....195 mm

Height:.....350 mm

Depth:.....320 +15 mm

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Audio Pro follows the policy to constantly develop the products. Therefore, specifications can be changed without further notice.

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**YOUR OWN NOTES:**





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