soundmaster ®

DEUTSCH **ITALIANO**

ENGLISH **NORSK**

FRANÇAIS **SVENSKA**

NEDERLANDS **ČEŠTINA**

RCD1770

ENVIRONMENTAL PROTECTION

Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

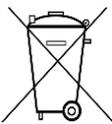Please contact your local authorities for details about collection points.

WARNING
Risk of electric shock
Do not open!

Caution: To reduce the risk of electric shock, do not remove the cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.

This symbol indicates the presence of important operating and maintenance instructions for the device

Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are legally obligated to return all batteries for environmentally responsible recycling – no matter whether or not the batteries contain harmful substances*)

Return batteries free of charge to public collection points in your community or shops selling batteries of the respective kind.

Only return fully discharged batteries

*) marked Cd = cadmium, Hg = mercury, Pb = lead

- Only use mercury and cadmium-free batteries.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!!
- Keep batteries away from children. Children might swallow batteries.
- Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- CAUTION: Danger of explosion if battery is incorrectly replaced
- Replace only with the same or equivalent type

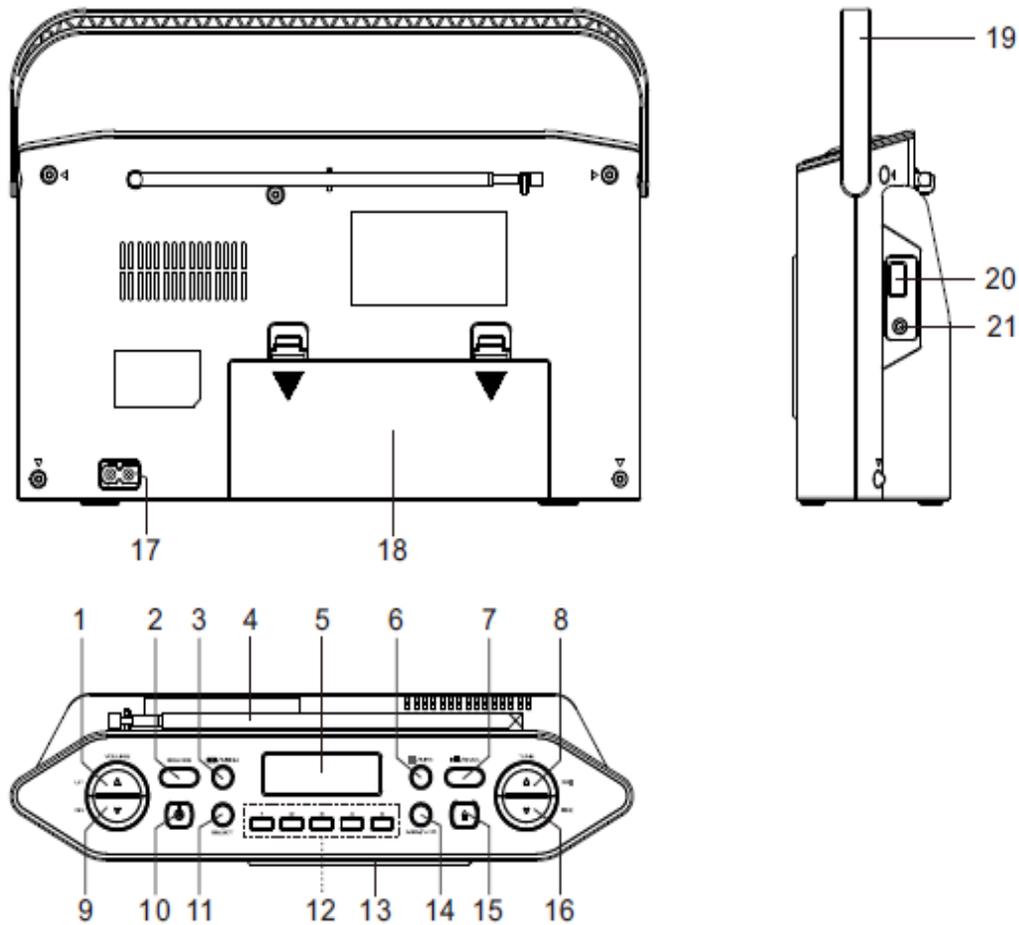| CLASS 1 LASER PRODUCT KLASS 1 LASER APPARAT LUOKEN 1 LAISERLAITE KLASSE 1 LASER PRODUKT	**CAUTION - INVISIBLE LASER RADIATION WHEN OPENING THE COVER OR PRESSING THE SAFETY INTERLOCK. AVOID EXPOSURE TO THE LASER BEAM.**

To prevent possible hearing damage, do not listen at high volume levels for long periods

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- This apparatus is for moderate climates areas use, not suitable for use in tropical climates countries.

- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- The mains plug or an appliance coupler is used as the disconnect device, the disconnect devices shall remain readily operable.
- Connect this device to a properly installed and earthed wall outlet only. Make sure the mains voltage corresponds with the specifications on the rating plate.
- Make sure the mains cable stays dry during operation. Do not pinch or damage the mains cable in any way.
- A damaged mains cable or plug must immediately be replaced by an authorized service center.
- In case of lightning, immediately disconnect the device from the mains supply.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.
- Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!
- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Do not cover the ventilation openings!
- Install the device at a safe and vibration-free location.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized service/ customer center.
- No naked flame sources, such as lighted candles, should be placed on the unit.
- When you are necessary to ship the unit store it in its original package. Save the package for this purpose.
- In case of malfunction due to electrostatic discharge or fast transient (burst), remove and reconnect the power supply.
- If the unit is not using for a long period of time, disconnect it from the power supply by unplugging the power plug. This is to avoid the risk of fire.

LOCATION OF CONTROLS

1	VOLUME UP	12	PRESET 1-5 FAST KEYS
2	SOURCE	13	CD DOOR
3	⇄ / MENU	14	MEMORY / +10
4	DAB / FM ANTENNA	15	⏏ CD DOOR OPEN
5	LCD DISPLAY	16	TUNE ▼ / ⏮
6	■ / INFO	17	AC SOCKET
7	⏯ /SCAN	18	BATTERY COMPARTMENT
8	TUNE ▲ / ⏭	19	HANDLE
9	VOLUME DOWN	20	USB PORT
10	⏻ STANDBY	21	3,5 mm HEADPHONES JACK
11	SELECT		

GETTING STARTED

DAB/FM AERIAL

Before using your radio for DAB or FM reception, pull out the telescopic antenna. You may need to adjust the position of the telescopic antenna for maxing signal strength.

CONNECTING POWER

Before connecting the power, check that the mains voltage on the rating plate which is same as the voltage in your area.

- Plug the AC cord into the AC socket at the back of the unit.
- Plug the VDE plug into the wall socket.
- Press the "STANDBY" button then press "SOURCE" to select function. The unit is now ready for use.

NOTE:

When first connected to the power, the clock display will show "zeros" and blinks.

BATTERY OPERATION

Disconnect the AC cord Set completely. Open the Battery Compartment door and insert 6 pieces LR14 / UM-2 "C" size batteries into the battery compartment with battery polarity as shown inside the battery compartment.

SETTING THE CLOCK

The clock on your radio is automatically set when first used from the time signal broadcast with DAB radio stations.

If a DAB station is not available, the clock may be set manually via the menu system. (Please refer to SET CLOCK page).

STANDBY CONTROL

To turn the unit on:

- Press the "STANDBY" button.

The display will light and the unit will switch on.

To turn the unit in standby mode:
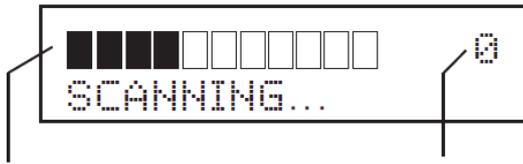
- Press the "STANDBY" button.

This unit will switch off. The clock will continue to run whilst mains power is connected.

ENERGY SAVING/ ERP2 REGULATION

This device is equipped with an automatic switch off / STANDBY system for energy-saving requirements. This is regulated by an EU-standard and is NOT A MALFUNCTION.

INTIAL SCAN

When this unit is switched on for the first time at DAB mode, if not please press "SOURCE" button switching to DAB then press "SCAN", the scanning display will be shown while the scanning process takes place:

Progress bar   Number of stations found

The radio scans all usable stations (full scan) and stores them alphanumerically -1 Radio, 2 Radio, AA Radio, AB Radio…

The initial scan will take a few minutes. After the scan, the clock will be set and the radio will play the name of the first station in the sequence. To browse for another station, refer to the next section.

BROWSING FOR A STATION

To browse for another DAB station:

• Press the "TUNE ▲/▼" to select the station.

After short delay, the radio will tune to the station

ADJUSTING THE VOLUME

Press the "VOLUME ▲/▼" button to increase or decrease the volume level.

SET CLOCK

This main option enables the clock to be set manually if these is no available DAB transmission. To set the time and data manually:

When unit during standby mode, press MENU button then press the "TUNE ▲/▼" to select [Set Clock]. Press "SELECT" button to confirm.

Set the clock mode "12/ 24 Hour", press the "TUNE ▲/▼" to choose 12 or 24 time format then press "SELECT" to next setting.

Set Hour, press the "TUNE ▲/▼" to set the hour then press "SELECT" to confirm.

Set Min, press the "TUNE ▲/▼" to set the minute then press "SELECT" to confirm.

SELECTING A SOURCE

You can choose to listen to following sources by pressing "SOURCE" button.

• DAB: DAB+ radio
• FM: FM radio
• CD: CD/ MP3 playback
• USB: USB-MP3 playback

DAB

RE-SCANNING FOR DAB STATIONS

When first used, your radio scanned the DAB band for available stations. The station services found were then stored in your system's memory.

You can re -scan the band at any time if you move to a different area or just to refresh the stored list of available stations.

AUTO SCAN

- Set to DAB, press "SCAN" button to enable FULL SCAN.

The scanning process will take a few minutes. The number of services found during the scan will be shown at the right side of the display.

After the scan, the radio will re -tune to the first station in the station list to play if it is available. To select this station, you can continue to browse for another station as described on the previous page.

MANUAL TUNE

- Press and hold the "SELECT" button 3 seconds until display show "Manual tune".
- Press "TUNE ▲/▼" to tune the station.
- Right now enables you to search the band manually, stepping through the ensemble numbers to check if any have usable signal strength.
- Manual tuning is not necessary in normal operation where scanning will have automatically established a station list of all useable stations.
- Press "SELECT" button again to exit manual tune mode.

DAB MENU

In DAB mode, press "MENU" button.

- Display show <DRC VALUE>
- Press "TUNE ▲/▼" to select the value 0, 1/2 or 1.
- Press "SELECT" button to confirm.

Note: "DRC" is dynamic range compression, and it is about increasing the loudness of the quieter parts of the audio signal, and decreasing the loudness of the louder parts.

DAB DISPLAY MODES

The bottom line of the display can be switched to show different items of information that may be transmitted with a DAB station.

Choosing the information display:

Press the"■ / INFO" button repeatedly to change the information displayed while playing a DAB radio station.

The full range of display options are shown below.

Some stations may not broadcast all of these options.

DLS Scrolling Text > Program Type > Ensemble name> Ensemble Frequency > Audio Bit Rate> Signal Strength > Time/ Date

DL" (Dynamic Label Segment): This is a scrolling message giving real-time information-song titles, news headlines, etc.

PROGRAMME TYPE: This describes the style of the program being broadcast.

ENSEMBLE NAME: DAB Digital radio stations are broadcast in multiplexes. Each multiplex is a bundle of radio stations transmitted in a signal frequency. There are national and local multiplexes; local ones contain stations specific to your area. This option displays the name of the ensemble name that contains the station you are listening to

SIGNAL STRENGTH: This setting will display a signal strength bar graph. The longer bar graph means the stronger signal. Setting the display to show signal strength is useful when setting up the aerial for the strongest signal.

TIME/DATE: Time and date are updated by broadcasted information.

ENSEMBLE FREQ: This option will display the multiplex number and frequency that contains the station you are listening to.

AUDIO BIT RATE: DAB allows broadcasters to vary the BIT RATE (or the amount by which an audio signal can be compressed) depending on the type of broadcast. This enables the amount of stations on a multiplex to be maximized. Speech and News are often broadcast at a lower Bit Rate; music needs a higher Bit Rate for good fidelity.

STATION PRESETS
Store radio stations manually
Note: You can store a maximum of 20 preset FM and 20 preset DAB radio stations.

Option A:
1. Set to DAB or FM mode and tune to the station.
2. Press and hold "MEMORY" button 2 seconds to activate memory function.
   Display show <Empty P1> and [P1] briefly, press "TUNE ▲/▼" button repeatedly to select a preset number.
3. Press "MEMORY" button to store.
4. Repeat steps 1-3 to store other stations.

Option B:
Use the numeric keypad to store the radio station.
To preset number 1 - 5, press and hold the numeric keypad (1-5) for two seconds.
[1 Stored] is displayed means the tuned station have been stored into numeric keypad 1.

RECALL A PRESET RADIO STATION
1. Press "MEMORY" button then press TUNE ▲/▼" repeatedly to select the stored station and press "SELECT" button to broadcast the station
2. Press the numeric fast key 1-5 button to broadcast the stored station.

FM RADIO

This unit can also receive FM band radio stations and display RDS data (where broadcast).

- Press "SOURCE" button to select FM,
- Press "TUNE ▼/▲" button tune to FM station by 50 kHz steps, press and hold the "TUNE ▼/▲" button (2 sec.) to start the FM station search. The search is stopping at the next available station.
- Press the "SCAN button" to activate the preset automatic store function.

The radio will search and the tuning frequency will be displayed whilst searching.
When a usable station is detected the radio will stop tuning and play the station.
If RDS data is present, the station name and scrolling radio text will be displayed.
If RDS data is not present, the tuned frequency will be displayed.

DISPLAY MODE OPTIONS
The bottom line of the display can be switched to show different items of information that may be transmitted with a FM station.

Press the" ■ /INFO" button repeatedly to change the information displayed while playing a FM-RDS radio station.
The full range of display options are shown below.
Some stations may not broadcast all of these options.

Audio mode > Radio Text > Program Type > Signal Strength > Time/ Date > Frequency

FM MONO/ STEREO
During FM mode, press the "SELECT" button repeatedly to set audio mode in STEREO or MONO.

CD OPERATION

This player can playback CD, CD-R and CD-RW with CDDA, MP3 and wma audio format.

- Press "SOURCE" button to select CD

Loading a disc:
- Press ⏏ button to open the CD door.
- Gently place a disc on the center spindle with the label up side.
- Once in place, press the center of the disc until it clicks into place on the turntable.
- Close the CD door.

After a few seconds the disc will read and the disc data.
For the CD disc data display:

For the MP3 disc contains folder:
F: folder number, T: total tracks number

Unloading a disc:

- If the disc is playing, press the "■ STOP" button and wait a few seconds for the disc to stop.
- Press ⏏ button to open the CD door.
- Grip the disc at the sides and lift it out of the disc compartment.

CD PLAYBACK
- Load the CD.
- Press the ▶❙❙ button to start the CD playing
- Display show the current track number and track timing.
- When a CD is playing, pressing the ▶❙❙ button at any time will pause playback. Press the button again to re-start playback.

Selecting tracks:
- Press ◄◄ or ►►❙ button briefly to select the previous or next track from the disc.
- Press and hold ◄◄ or ►►❙ button to search the passage backward or forward.
- Press +10 button to skip the tracks by 10 multiple.

CD REPEAT AND RANDOM

You can repeat a single track, the whole disc or select random to play the tracks in a random sequence.

In CD mode, press the ⮂ MENU button to cycle through the options of " Rep1 " (repeat current track), " RepA " (Repeat the disc) or " Rand " (play tracks in a random sequence).
The Repeat, Repeat All or Random symbol will be displayed.

For the MP3-CD / WMA-CD, an option of "RepF" (repeat current folder) can be choose.

PROGRAM PLAY

When playing a CD, you can store a random sequence of up to 60 tracks to play in your preferred order.

To store a CD program:

1. In CD Stop mode, press the "MEMORY" button.
2. Display showing [P01] and [MEM] [T000] these 2 indicator blinks. T000 ("000" means your desired track number)
3. Press ▶▶ or ◀◀ button to select the track number for the first track you want to program.
4. Press the "MEMORY" button to store this track into the program memory. The track will be store and the program counter will increase to "P02".
5. Repeat the above two steps to store the next and subsequent tracks in your program sequence.
6. When you have finished entering all tracks in your program, press the ▶‖ button to start the program playing.

To clear a program

* During program playing, press the ■ / INFO twice.
* Open the CD door.

Note: USB program play is same operation.

USB OPERATION

1. Connect the USB device to the USB socket carefully.
2. Switch on the unit and select the USB source.
3. Press ▶‖ button to playback the music.
4. The operation procedures are the same as CD playback.

NOTE:

* Compatible storage device (up to 32GB).
* Please do NOT use a USB extension cable to connect your USB flash drive. Such cable can pick up additional interference which can corrupt the data flow.
* Always connect your USB flash drive directly to the USB port without USB extension cable.
* Due to some USB drive manufacturer's non-compliance with the full USB 1.1/ 2.0 standard. A small percentage (about 5%) of USB flash drive might not be compatible

HEADPHONES JACK

There is a headphone output jack at the side of the unit. If headphones are connected to this socket for private listening, the speakers will cut out automatically.

SYSTEM MENU

This system menu only operate in standby.

During standby mode, press "MENU" button to enter.

Press the ◄◄ oder ►► to select as below then press "SELECT" to enter.

[Set Clock]: set the time clock by manual.

[SW VERSION]: This option will display the version number of the control software currently installed in your radio. This will be helpful to a technician who is servicing this product.

FACTORY RESET

This option only operate in DAB mode.

1. Press SOURCE button to select DAB.

2. Press and hold the "■ / INFO" for 3 seconds.

3. Display show "PRESS SELECT TO RESET" .

4. Press SELECT button to confirm factory reset.

Note: This option will restore all settings to ' factory original'.

All clock, station lists and stored preset stations will be cleared. After factory reset the radio will automatically re-scan the DAB band.

CARE AND MAINTENANCE

CARE AND CLEANING

All care and cleaning operations should be carried out with the unit unplugged from the mains power.

The surface of the unit can be cleaned with a barely damp cloth and then dried carefully. Never use abrasives, abrasive cloths or chemical solvents.

Compact Disc Care

To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.

Finger prints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.

Clean the disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the disc. If necessary, use a CD cleaning kit. Never write on or stick any labels to the surface of compact discs.

Care of the cabinet

If the cabinet becomes dusty, wipe it with a soft dry dust cloth. Do not use any wax, polish sprays or abrasive cleaners on the cabinet.

Caution

Never allow any water or other liquids to get inside the unit while cleaning.

TROUBLESHOOTING

PROBLEM	CAUSE / SOLUTION
No sound / power	• Volume not adjusted. Adjust the volume. • Mains cable not securely connected. Connect the mains cable properly. • Batteries dead/incorrectly inserted. Insert (fresh) batteries correctly. • CD contains non-audio/ Mp3/ wma files. Press ◄◄ ►► button repeatedly to skip to a CD or MP3 audio track, instead of the data file. • Ensure the current SOURCE is correctly selected.
CD display does not function properly / No reaction to operation of any of the controls	• Electrostatic discharge. Switch to standby mode and unplug the unit. Reconnect after a few seconds. • No CD inserted. Insert a CD. • CD badly scratched or dirty. Replace or clean the CD, see Maintenance. • Laser lens steamed up. Wait until lens has cleared. • CD-R / CD-RW is blank or not finalized. Use a finalized CD-R / CD-RW or a suitable CD Audio disc only. • Make sure the CD is not encoded with Copyright protection technologies, as some do not conform to the Compact Disc standard. • Press SOURCE button switching to CD mode.
The CD skips tracks	• CD damaged or dirty. Replace or clean CD. • Program is active. Quit program mode. • A CD badly scratched or dirty may result in improper operation.

TECHNICAL SPECIFICATIONS

Supply voltage, current	AC 230V ~ 50Hz
Power consumption	16W
Battery supply	DC ⎓ 9V (6 x "C " SIZE R14).
Output power	2 x 1W
Frequency range	DAB 174.928-239.200 MHz FM 87.5-108 MHz
Supporting formats:	
Disc format	ISO 9660, Joliet, Multisession, UDF, Enhanced Music CD, and Mixed Mode CD.
MP3 bit rate	32-320 kbps and variable bit rate (128 kbps preferable)
MP3 sampling frequency	8-48 kHz (44.1 kHz preferable)
Total number of music files	around 600; - Maximum album number: around 99
Supported formats	WMA V4, V7, V8, V9 (L1, L2) decoding.

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Note:

The following formats are not supported:

*.AAC, *.DLF, *.PLS, MP3 PRO; - Non-session closed discs

IMPORTER

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