ELECTRONIC CLOCK RADIO
Sonoclock 890

ENGLISH
SAFETY AND INFORMATION

- This device is designed for the playback of audio signals. Any other use is expressly prohibited.

- Make sure there is adequate ventilation when positioning the device. There must be a free space of at least 10 cm behind the device. Do not place objects on the ventilation slots. Do not cover the device with newspapers, table cloths, curtains, etc.

- Only use the device in a moderate climate.

- Protect the device from moisture (water drops or splashes). Do not place any vessels such as vases on the device. These may be knocked over and spill fluid on the electrical components, thus presenting a safety risk.

- Do not place any objects such as burning candles on the device.

- When deciding where to place the device, please note that furniture surfaces are covered by various types of varnish and plastic, most of which contain chemical additives. These additives can corrode the device supports, leaving residues on the furniture surfaces which can be difficult or impossible to remove.

- Do not use any cleaning agent, as this may damage the casing. Clean the device with a clean, dry cloth.

- Never open the device casing. Warranty claims are excluded for damage resulting from improper handling.

- If malfunctions occur due to static electricity charges or fast transient (burst), reset the device. To do this, pull out the power plug and connect it again after a few seconds.

Technical data

This device is noise-suppressed according to the applicable EU directives.

This product fulfils the European directives 2004/108/EC, 2006/95/EC, 2009/125/EC and 2011/65/EU.

Current supply: 230 Volt, 50/60 Hz

Output: DIN 45324, 10% THD 800 mW

Frequency range: FM 87.5 ...108.0 MHz

Dimensions and weight: W x H x L 276 x 60 x 150 mm
Weight 1.25 kg

Environmental note

This product has been manufactured with high quality parts and materials which can be reused and are suitable for recycling.

Therefore, do not dispose the product with normal domestic waste at the end of its service life. Take it to a collection point for the recycling of electrical and electronic equipment. This is indicated by this symbol on the product, in the operating manual and on the packaging.

Please consult your local authorities to learn the nearest collection point.

Help protect the environment by recycling used products.
OVERVIEW

See the figure on page 3.

**ON/OFF**

Switching on/off; terminates alarm for the day; terminates the alarm timer.

**1...5**

Channel positions, press once for channel position 1 ... 5, press twice for channel position 6 ... 10.

**Display**

Displays various information such as station frequency, volume, time, station name, alarm time, alarm timer.

**UP/DOWN**

Device switched on: to set the radio station manually or automatically; device switched off: to set the time and the alarm time

**MEMO SET**

Device activated: saves the radio station at a channel position when installing; device switched off: to set the time, hold down »MEMO SET« and set the time with »UP« or »DOWN«.

**MODE**

Device switched on: switches the display from the radio station frequency or radio station name to the time; device switched off: to set the alarm time, press and hold down »MODE« and set the alarm time with »UP« or »DOWN«; to set the alarm type.

**TIMER**

To set the alarm timer, press and hold down »TIMER« and set the alarm timer with »UP« or »DOWN«.

**+ VOL. –**

For setting the volume.

**Back of the device**

Mains cable.

Projectile antenna.

**Bottom of the device**

Battery compartment for the back-up battery.
Connecting the mains cable

Note:
- Check if the mains voltage on the type plate (on the back of the device) corresponds to the local mains voltage.
- If this is not the case, contact your dealer.

1 Insert the mains cable in the socket (230 V~, 50/60 Hz).

Caution:
- The device is connected to the mains with the power cord. Pull out the power cord when you want to completely disconnect the device from the mains.
- Unplug the mains plug to disconnect the device from the mains. Make sure the power plug is easily accessible during operation and not hindered by other objects.

Insert back-up battery

If there is a power failure, the clock time and alarm time of the device are saved by the back-up battery. Radio mode and alarm mode cannot be used, however, the display is not illuminated.

1 Open the battery compartment by pressing the marked surface and pushing the cover to the side.

2 Insert a battery (9 V block, type 6F22).

3 Close the battery compartment.

Note:
- We recommend that you replace the back-up battery after approximately 1 year.
- Do not expose the batteries to extreme heat, caused for example by direct sunlight, heaters or fire.
- Remove the battery when it is used up, or when the device is disconnected from the mains for an extended period of time.
- There is no liability for damage resulting from flat batteries.

Environmental note
- Batteries, including those which are heavy metal-free, may not be disposed of along with household waste. Please ensure the environmentally sound disposal of the used batteries, e.g. via public collection locations. Find out about the legal regulations which apply to you.
Setting up the device
The speaker for the device is located at the bottom of the device. To optimise the sound, mount the device holder on the bottom of the device.

1. Click the device holder in place in the recesses on the bottom of the device.

Mounting the device under the counter
The fixing screws can be found in the side compartment of the packing.

1. Mark the locations for four mounting screws.
2. Screw the device holder on with four screws.
3. Insert the device in the holder.

Note:
To remove the device, press the snap-catch at the back and remove by pulling forward.

Setting radio stations
There are 10 channel positions available for radio stations.

1. Switch on the device with »ON/OFF«.
2. Begin station search by pressing and holding down »UP« or »DOWN«.
   - The search stops, as soon as a radio station with a sufficiently strong signal is found.
   - If RDS information is transmitted by the station currently set, »f« appears in the display and after a short time the station name appears in place of the frequency.

Note:
- You can also set the frequency step-by-step (50 kHz) by briefly pressing »UP« or »DOWN«. Only 100 kHz steps are shown in the display.

3. Save radio station by pressing »MEMORY« (»P« flashes in the display), select the desired channel position within 8 seconds with »1 ... 10« and confirm with »MEMO SET«.
   - »1 ... 10« press once for channel positions 1 ... 5, twice for channel positions 6 ... 10.
   - Display: the channel position is shown briefly, and then the frequency.

4. To set further radio stations, repeat this procedure starting at pt. 2.

Note:
- If no channel position is selected within 8 seconds, the device interrupts the setting procedure. Start again at pt. 3.

Setting the time automatically
1. Select a channel position with an RDS station to automatically set the time.
   - The display »¥« flashes, the current time is set by the RDS time signal. This process may last a few minutes.
   - If an RDS time signal was received, the indicator »¥« is illuminated.

Note:
- If the time is not automatically set, select another channel position with an RDS station by pressing »1 ... 10«, »¥« flashes in the display.
- If your device cannot automatically set the time, you can enter the time manually.

Setting the time manually
1. Switch off device with »ON/OFF«.
   - In the display, »12:00« flashes.
2. Press »MEMO SET« and hold down.
3. Set the time with »UP« or »DOWN«.
   - When »UP« or »DOWN« are held down, the time can be set more quickly.
4. Release »MEMO SET«.
INSTALLATION AND SETTINGS

Switching automatic update on/off
The automatic update of the time can be switched off and then on again.

1 Switch on the device with »ON/OFF«.
2 Press »MEMO SET« and hold down.
   - The indicator »O« disappears, the update function is switched off.
3 Press »MEMO SET« again and hold it down.
   - The indicator »O« flashes. The time will be updated the next RDS time signal is received.

RADIO MODE

Radio reception
When your device is switched off, the current time is shown in the display.

Each time a button is pressed, the display of your device is illuminated for 10 seconds.

1 Switch on the device with »ON/OFF«.
   - The channel position appears in the display, shortly thereafter the station frequency.
   - The previous channel position is automatically selected.
2 Select channel position with the »1 ... 10« buttons.
   - »1 ... 10« once Press once for channel positions 1 ... 5, twice for channel positions 6 ... 10.
3 Switch off device with »ON/OFF«.
   - In the display, »GOOD BYE« appears briefly, and then the current time.

Adjusting the volume
1 Adjust the volume with »+ VOL .« or »VOL . «.

Calling up information
The display on your device supplies information about the current time or the station frequency. The station name is shown for RDS stations.

1 Call up the desired information with »MODE«.
Setting the alarm time and type
You can enter an alarm time and select between two different alarm types.

Setting the alarm time
1. Switch off device with »ON/OFF«.
   - Display: current time.
2. Enter the alarm time by pressing and holding down the »MODE« button.
   - Display: the set alarm time and type of alarm (»<« or »〈«).
3. Set the desired alarm time with »UP « or »DOWN «.
4. Release »MODE«.

Alarm with radio station
Your device is equipped with a dynamic signal tone; this means the volume of the radio station becomes increasingly louder as it plays.

1. Switch on the device with »ON/OFF«.
2. Select channel position with the »1 ... 10 « buttons.
3. Switch off device with »ON/OFF«.
4. Select the alarm type by pressing »MODE« until »< « (= alarm with radio station) shows in the display.
   - The device switches to alarm time and switches off again after 60 minutes.
   - While the alarm sounds, »< « flashes in the display.

Alarm with signal tone
Your device is equipped with a dynamic signal tone; this means the volume of the signal tone becomes increasingly louder as it sounds.

1. Switch off device with »ON/OFF«.
2. Select the alarm type by pressing »MODE« until »〈 « (= alarm with signal tone) shows in the display.
   - The device switches to the alarm time; the signal tone becomes increasingly louder. The signal tone is switched off after a maximum of 60 minutes.
   - While the alarm sounds, »〈 « flashes in the display.

Checking the alarm time
You can check the alarm time without blocking the alarm function.

1. Switch off device with »ON/OFF«.
2. Press »MODE«.
   - Display: Alarm type and alarm time.

Cancelling alarm for the day
1. Cancel alarm with »ON/OFF«.
   - The alarm function is cancelled for the rest of the day, the alarm sounds on the following day at the same time.

Switching off alarm function
1. Switch off device with »ON/OFF«.
2. Press »MODE« until neither the display »< « nor »〈 « are illuminated.
   - The alarm function is switched off, but the alarm times are saved.

Note:
- To re-activate the alarm function, press »MODE«.

Timer mode

Alarm timer
You can program your device so that it reminds you with a signal tone. The setting can be operational whether the device is switched on or off.

1. Press »TIMER« and hold down.
   - Display: »00 MIN« (minimum set time).
2. Enter the reminder time with »UP « or »DOWN « (in 1 minute intervals of 00 to 300 minutes).
   - The display »TIMER« flashes.
   - After the set time has elapsed, the signal tone sounds.

Note:
- The function can be prematurely ended by pressing »TIMER« and holding for 3 seconds.
3. Switch off signal tone with »ON/OFF«.