elements W

Instruction Manual

The manufacturer is constantly working on the improvement of all types and models.
We hope you understand that changes in the scope of delivery in terms of format, equipment and technology are therefore possible at any time. For this reason no claims can be made based on the statements, illustrations and descriptions included in this instruction manual.
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Apple is not responsible for the functionality of this device or its compliance with the safety guidelines.

Inhalt

1. Preliminary notes

Thank you for deciding to purchase a sonoro elements W.

This instruction manual will provide you with all the information needed for the flawless and safe operation of the device.

- Read this instruction manual in its entirety before using the device.
- Store the instructions in a safe place.
- If you give the device to third parties, also include the instruction manual.
- Non-compliance with these instructions may result in serious injuries and damages to the device.
- We do not assume any liability for damages resulting from the non-compliance with this instruction manual.
- Please pay particular attention to the chapter "Safety information" starting on page 6.

The illustrations in this instruction manual serve to depict operations and always precede the descriptions that they refer to.

We hope you enjoy the device!

2. Safety information

2.1 Symbols used in these instructions

Important information regarding your safety is specially marked. Please be sure to pay attention to this information in order to avoid accidents and damages to the device:

DANGER
This warns you about dangers to your health and indicates possible risks of injury.

CAUTION
This indicates possible dangers to the device or other objects.

NOTE
This provides you with tips and information.

2.2 Appropriate use

The device may only be used for private use. It is not suitable for commercial use. The device is intended exclusively for the following functions:

- Playback of radio stations
- Audio playback from an iPod, loading function for an iPod (connecting adapter optionally available)
- Audio playback for external devices that are connected through AUX

Any other use is considered to be inappropriate and prohibited. We do not assume any liability for damages resulting from inappropriate use.

2.3 Persons with limited perception

- Do not leave the device unattended and do not use it if children or persons who are unable to assess the dangers are nearby.
- Persons (including children) who are not able to use the device safely due to their physical, sensory or mental capacities or their inexperience or unfamiliarity may not use this device without the supervision or instruction by a responsible person. Store it in an inaccessible location.
- The packaging materials may not be used to play with. There is a danger of suffocation.

2.4   Power supply

The device is operated with electrical power, which means that there is the fundamental danger of receiving an electric shock. Therefore pay particular attention to the following:

- Never touch the power plug with wet hands.
- If you want to pull the power plug out of the power socket, always pull directly on the power plug. Never pull on the cable since it might tear.
- Make sure that unrestricted access to the used power socket is guaranteed at any time so that the power plug may be pulled out immediately in an emergency situation.
- Make sure that the power cable doesn't get bent, pinched or run over. Place the power cable in such a way that it will not result in stumbling or be reachable by children.
- Only use extension cables that are designed for the device's power consumption.
- Keep the device away from rain and moisture as well as heat sources.
- Only operate the device if the electrical voltage specified on the identification plate of the device and power plug corresponds to the voltage of your power socket. Incorrect voltage can destroy the device.
- In order to avoid the risk of fire, completely disconnect the device from the power supply if you are not using the device for a longer time period. To do this, pull the power plug from the power socket.

2.5   Batteries

- Remove the batteries from the battery compartment as soon as they are spent or if the device will presumably not be used for a longer time period.
- Do not throw the batteries into fire and never expose them to high temperatures.
- Do not try to recharge non-rechargeable batteries. Do not try to open the batteries or short-circuit them. There is a danger of explosion.
- Liquid that is released if the batteries are used improperly can lead to skin irritations. If you come in contact with this liquid, rinse it with a lot of water. If the liquid gets into the eyes, do not rub the eyes but immediately rinse them for ten minutes with water and consult a physician at once.

2.6   eDock (optional erhältlich)

Only connect the eDock if the cable and plug as well as the adapter itself are undamaged. You should therefore pay attention to the following:

- Do not try to disassemble the adapter. It does not contain any serviceable parts. If the adapter or the cable shows a defect, contact an authorized specialized dealer.
- Make sure that the adapter is subject to the same environmental conditions as described below under 2.8.

2.7   Transportation

- When driving in a car, store the device in such a way that the passengers are not endangered.
- If you ship the device, store it in its original package. Save the package for this purpose.

2.8   Environmental conditions

The safe operation of the device presumes that the environmental conditions are appropriate for the device. You should therefore pay attention to the following:

- Protect the device from any weather influences. Never use it outside and never position it in places with a large amount of sunshine.
- Never place the device on or directly near sources of fire and heat, such as burning candles, stovetops, ovens, etc.
- Position the device in such a way that a sufficient air supply is ensured. This way you will avoid heat accumulation in the interior of the device. Always keep a minimum distance of 10 cm to other objects or walls.
- Protect the device from strong mechanical vibrations and place it on stable surfaces.
- Protect the remote control from any weather influences, moisture and high temperatures (e.g. through direct sunlight).
- Protect the device from sprayed and dripping water. Never place liquid-filled containers next to or on top of the device.
- Never install/remove the provided battery pack in an environment that poses a risk of explosions (e.g. tank areas, fuel transfer points, fuel storage areas, areas where the air contains chemicals or explosive particles/dust (e.g. flour dust or metal powder) as well as areas in which you are instructed to turn off your vehicle engine). There is a danger of explosion.

2.9   Operation

- Do not insert any objects into the device. When you plug in or remove the cables, make sure this is done in a vertical position.
- Avoid a lateral pull of the cables. This might result in damage to the connecting jacks and lead to a defect in the device.
- Do not place any types of iPods on the iPod docking station other than those that are approved.

2.10 Using headphones

- Always reduce the volume of the device before you put on your headphones. Only increase the volume to the desired level once the headphones are properly positioned.
- When you listen with headphones, do not turn the volume too high. If you feel a continuous

noise or background sound in your ears (ringing), reduce the volume or discontinue using the headphones.

- Even if your headphones are designed in such a way that you can continue to perceive external sounds, you should never set the volume so high that you are unable to still perceive your environment.

2.11 Defects

If the device should ever have any defects, do not attempt to repair it by yourself.

- If the power plug, the adapter or the power cable of this device are damaged, they have to be replaced by the manufacturer or his customer service to avoid dangers resulting in electric shock.
- If any liquid has entered the device or if it was dropped or otherwise damaged, the device has to be checked by an authorized specialized dealer. Unplug the device from the power grid and contact an authorized specialized dealer.

2.12 Cleaning

- Always turn off the device before cleaning it.
- Only clean the device on the outside with the provided cloth or another dry, soft cloth. Never use any harsh or solvent-containing cleaning materials, since these damage the surface of the device.
- If the device is extremely dirty, it may also be wiped off with a slightly moist cloth and dried off with a dry, soft cloth.
- Clean the iPod connecting adapter in the same way as the device.
- During the cleaning, make sure that there is no lateral pull on the cables. This might damage the connecting jacks.

2.13 Disposal

Devices that are marked with the symbol shown here may not be disposed of in household trash but have to be brought to a reception point for the recycling of electrical and electrotechnical devices.

Batteries may contain toxic heavy metals and are subject to hazardous waste treatment. Bring the batteries to a municipal collection point or have a specialized company dispose of them.

3. Scope of delivery

The scope of delivery of the sonoro elements W includes numerous accessories that you need to receive the radio frequencies and to connect additional devices.

- sonoro elements W (with case)
- Power adapter with universal adapter
- FM antenna
- AUX cable
- 2 batteries 1.5 volts, alkaline manganese, size: Mignon LR06/AA
- Cloth
- Gloves
- Instruction manual

4. Supported formats and iPod devices

Streaming format:

- RTSP   Real Time Streaming Prototcol

Internet radio:

- MMS   Microsoft Media Streaming Protocol
- HTTP   Hyper Text Transfer Protocol

Supported playback formats for the media player:

- WMA   Windows Media Audio
- AAC   MPEG4 audio
- MP3   MPEG layer 3 Audio
- AIFF   Audio Interchange File Format
- AU   Sun Microsystems uncompressed audio format
- WAV   Microsoft/IBM uncompressed audio format
- RA   Real Audio RA4/5/8
- OGG

Compatible types of iPods with adapter shell to be used:
(only in connection with the optionally available Docking Station **eDock**)

iPod model	Adapter T2/ A	Adapter T2/ B	Adapter from the iPod scope of delivery
iPod 3rd generation	10GB, 15GB, 40GB	20GB, 30GB	
iPod mini	4GB, 6GB		
iPod 4th generation	40GB	20GB	
iPod 4th generation (color display)	20GB, 60GB	30GB, 40GB	
iPod 5th generation (video)	30GB	60GB, 80GB	
iPod classic		80GB, 160GB	
iPod nano 1st generation	1GB, 2GB, 4GB		
iPod nano 2nd generation (aluminum)			2GB, 4GB, 8GB
iPod nano 3rd generation (video)			4GB, 8GB
iPod nano 4th generation (video)			8GB, 16GB
iPod touch			8GB, 16GB, 32GB

5. Unpacking and activating the device

Only those connection cables and external devices may be used that correspond to the current device in respect to safety, electromagnetic compatibility and shielding quality. This device fulfils all relevant standards and guidelines in respect to CE conformity. If the device is altered in a way that has not been coordinated with the manufacturer, the compliance with these standards and guidelines is no longer guaranteed. Use only the accessories specified by the manufacturer. If you do not use the device within the Federal Republic of Germany, you have to observe the regional regulations or laws of the country of use.

> **DANGER!**
> There is a danger of suffocation when playing with packaging materials!
> When playing with packaging materials there is a danger of suffocation. Store the packaging materials in a place that is not accessible to children and persons who are unable to assess the dangers.

5.1   Unpacking the device

All parts of the device are delivered in a box.

1. Unpack the device and all accessories and check the contents for completeness and intactness.

> **NOTE**
> If you notice any damage from the transportation, contact your dealer immediately.

2. Place the device in a suitable location. Make sure you pay attention to the safety information regarding the environmental conditions above under 2.8.

5.2   Inserting batteries in the device

The batteries ensure that the clock continues to function if there is a power failure.

> **DANGER**
> There is a risk of injury if the batteries are used improperly!
> Batteries have to be handled with special care.
> * Remove the batteries from the battery compartment as soon as they are spent or if the device will presumably not be used for a longer time period.
> * Do not throw the batteries into fire and never expose them to high temperatures.
> * Do not try to recharge the batteries. There is a danger of explosion. Do not try to open the batteries or short-circuit them.
> * Liquid that is released if the batteries are used improperly can lead to skin

irritations. If you come in contact with this liquid, rinse it with a lot of water. If the liquid gets into the eyes, do not rub the eyes but immediately rinse them for ten minutes with water and consult a physician at once.

1. Open the lid of the battery compartment on the back of the device by slightly pressing down on the clamping closure.
2. Insert the provided batteries (1.5 V, AA) in the battery compartment according to the indicated polarity.
3. Reinsert the lid of the battery compartment.

5.3   Creating a power supply

The power supply for the device is provided by the supplied power adapter. If the power adapter is used with the universal adapter, this has to be connected before the first use.

> ⚠️ **DANGER**
> **Verletzungsgefahr durch unsachgemäßen Umgang!**
> Improper handling may result in injury!
> The improper use of the universal adapter poses the danger of an electric shock.
> - Make sure that the power adapter and universal adapter are always tightly connected to each other.
> - Pull the power adapter with the universal adapter from the power socket in a straight manner so that the adapter is not torn from its holder.

> ⚠️ **CAUTION**
> The wrong voltage connection can cause material damages!
> Connected loads that exceed the maximum permissible levels of the device can destroy the device.
> - Only use the provided power adapter.
> - Only operate the device if the electrical voltage specified on the identification label of the power adapter corresponds to the voltage of your power socket.

1. Slide the universal adapter onto the power adapter until it audible snaps into place.
2. Plug the connector plug of the power adapter on the back of the device into the DC connection 12 V 2A.
3. Insert the power plug into a power socket.

5.4   Connecting the antenna

The sonoro elements W has an internal antenna for radio reception in the FM frequency range. If the reception at the device's location is insufficient or if you would like to receive additional FM stations, connect the provided FM antenna or an appropriate house antenna.

NOTE
The FM frequency band lies between 87.5 MHz and 108.0 MHz in the VHF band II.

FM antenna or house antenna
1. Plug the provided FM antenna or your house antenna into the FM antenna socket on the back of the device.
2. Change the FM switch from INT to EXT.
3. Align the provided FM antenna in such a way that you have the best reception.

NOTE
If no external antenna is connected to the FM connection, the switch should be set to INT in order to guarantee the best possible reception with the internal antenna.

5.5   Preparing the remote control

The remote control of the sonoro elements W already contains a battery. The protective film has to be removed before the first use.

Carefully pull out the insulation strip protruding from the battery compartment at the lower section of the remote control. It is not necessary to open the battery compartment.

5.6   Preparing the iPod eDock

Two universal adapter shells are included in the scope of delivery to ensure that your iPod sits securely in the eDock. Item 4 in the table specifies which adapter shell should be used.

CAUTION
mproper handling may result in material damages!
Pointy or sharp-edged objects might damage the PIN connector.
Do not use any such objects to insert or remove the adapter shell.

Inserting the adapter shell
1. Place the adapter shell that matches your iPod carefully into the docking station with the side opening to the back.
2. Carefully press on the rear edge of the adapter shell until it snaps into place.

Removing the adapter shell
If you want to remove the adapter shell, carefully pull it out of the docking station by pulling at the rear slit on the side with a fingernail in an upward motion.

5.7 Connecting the headphones

Headphones with a 3.5 mm jack plug (not included in the scope of delivery) can be connected to this device.

<table>
<tr><td>⚠</td><td>

DANGER
The improper use of headphones may result in injury!
Using headphones improperly can result in serious accidents and damages to your health.
- When you listen with headphones, do not turn the volume too high.
- Even if your headphones are designed in such a way that you can continue to perceive external sounds, you should never set the volume so high that you are unable to still perceive your environment.

</td></tr>
</table>

1. Before you connect your headphones, reduce the volume to a minimum level. You can do so by pressing the VOL- button.
2. Plug the headphone jack into the headphone socket at the rear of the device.
3. Slowly increase the volume. You can do so by pressing the VOL+ button.

The control elements of the sonoro elements W enable quick and simple access to all functions. The operating functions can also be accessed with the remote control.

6.   Control elements and connections

Front of the elements W:
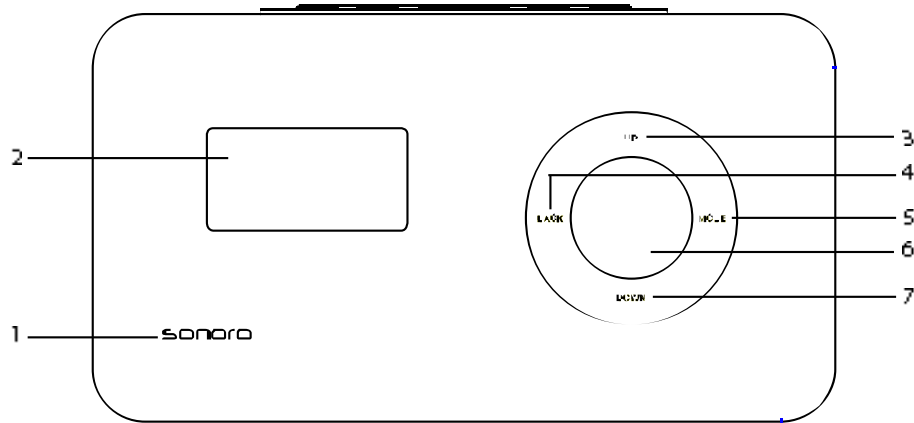
1	On/off switch	To switch the device on/off. Briefly touch the Sonoro lettering. Then the device will switch on or off.
2	OLED display	When the device is switched off, it shows the current time of day; if the device is switched on, it displays information about the active mode.
3	UP	Navigation to the top. During radio operation: station search for the station at the next higher frequency.
4	BACK	back button, returns to the previous menu item
5	MODE	Switch to the next playback mode.
6	Menu button	Press briefly: open/confirm the indicated menu entry. Press for a longer time: open the setup menu; iPod: pause button; iRadio: open the iRadio menu.
7	DOWN	Navigation to the bottom. During radio operation: station search for the station at the next lower frequency.

Top of the elements W:
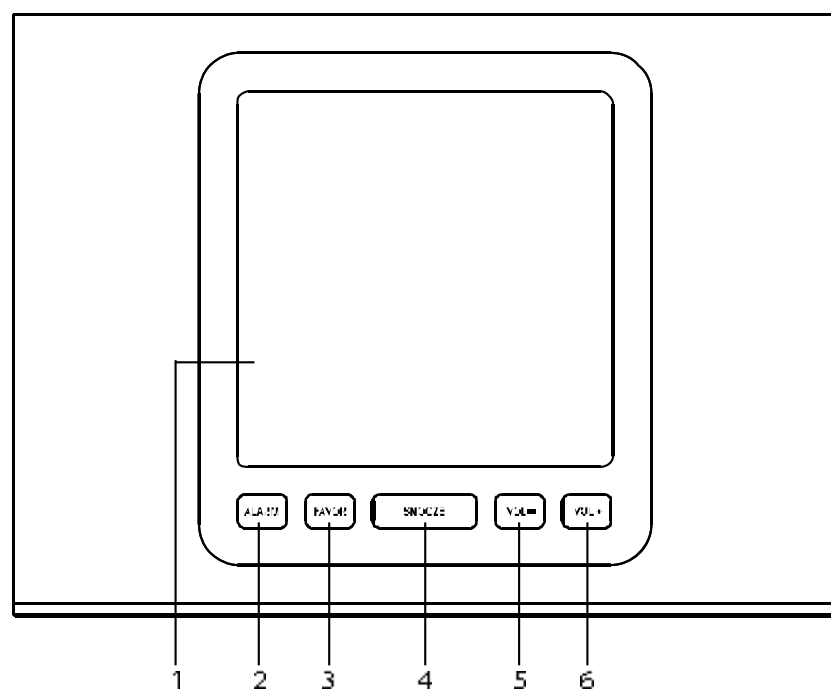
1	Speaker	Speaker opening.
2	ALARM	Press briefly: switch the alarm function on/off; deactivate the alarm. Press for a longer time: open the alarm settings menu to select the alarm functions.
3	FAVOR	Station memory.
4	SNOOZE	Press briefly (in playback mode): switch the sound playback (muting) on/off. Press briefly (in alarm mode): start the repeating of the alarm (snooze). Press for a longer time: Open the snooze settings menu to set the snooze period.
5	VOL -	Reduce the volume
6	VOL +	Increase the volume

Back of the elements W:
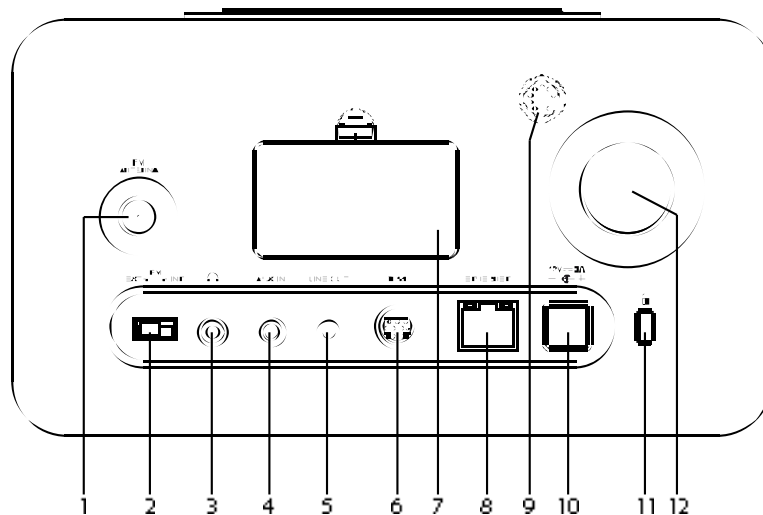
1	FM ANTENNA	FM antenna connector socket
2	FM EXT/INT	Switch to change between the internal or external FM antenna.
3	Headphones	Headphone connector socket
4	AUX IN	Connector socket for external audio devices.
5	LINE OUT	Connector socket to connect the elements W with external audio devices.
6	iPod	Connector socket for iPod eDock
7	Battery compartment	Two batteries (1.5 V AA) ensure that the clock continues to function if there is a power failure.
8	ETHERNET	Connector socket for the network cable.
9	Signaler	Sends the alarm signal.
10	Power adapter socket	12-V connection for the provided power adapter.
11	Keylock	Connection for anti-theft protection.
12	Bass reflex opening	Please do not close or cover up in order to ensure the best sound quality.

Remote control (optionally available)**:**
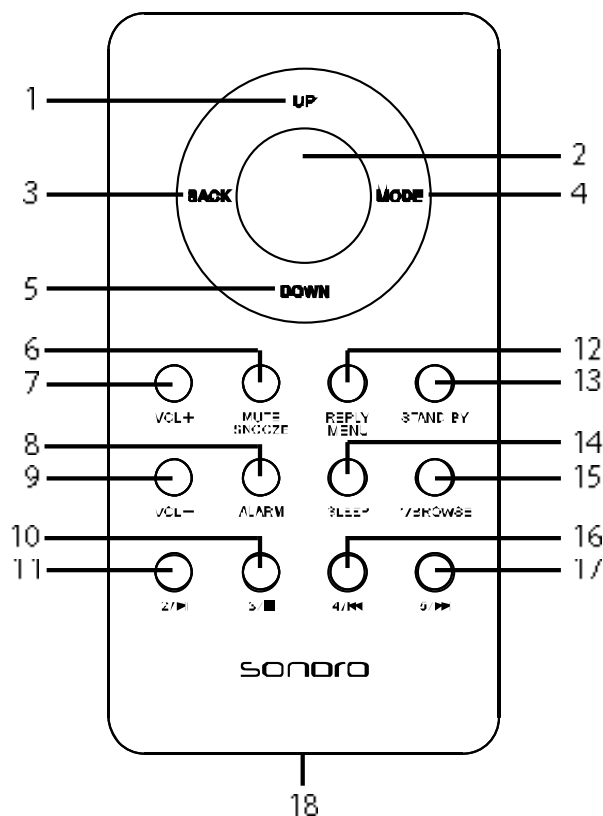
1	UP	FM: Station scanning in the next higher frequency range; iPod: menu navigation to the top.
2	Menu button	Press briefly: open/confirm the indicated menu entry. Press for a longer time: open the setup menu; iPod: play-back button and pause button; iRadio: open the iRadio menu.
3	BACK	iRadio: Access the iRadio menu

back button; returns to the previous menu item |
4	MODE	Switch to the next playback mode.
5	DOWN	FM: Station scanning in the next lower frequency range; iPod: menu navigation to the bottom.
6	MUTE/SNOOZE	Press briefly (in playback mode): switch the sound playback (muting) on/off. Press briefly (in alarm mode): start the snooze period. Press for a longer time: open the snooze settings menu to set the snooze period.
7	VOL+	All playback modes: increase the volume. Menu selection (setup menu and iPod): switch to the previous menu entry (to the top).

8	ALARM	Press briefly: Switch the alarm function on/off. Deactivate the alarm. Press for a longer time: open the alarm settings menu to select the alarm functions.
9	VOL-	All playback modes: Reduce the volume.
10	3/Stop	FM: Program button radio station 3 (press briefly), store the current station under this program button (press for a long time); iPod: stop playback.
11	2/start/pause	FM: Program button radio station 2 (press briefly), store the current station under this program button (press for a long time); iPod: start/pause playback.
12	REPLY/MENU	iPod: Access the menu; if pressed repeatedly, switch to the next higher navigation level.
13	STAND BY	Turn the device on/off.
14	SLEEP	Press briefly: switch the automatic deactivation (sleep timer) on/off. Press for a long time: open the sleep timer menu to set the time after which the device should be automatically deactivated.
15	1/BROWSE	FM: Program button radio station 1 (press briefly), store the current station under this program button (press for a long time).
16	4/back/fast rewind	FM: Program button radio station 4 (press briefly), store the current station under this program button (press for a long time); iPod: Press briefly: play back the previous title; iPod: press and hold: fast rewind in the title.
17	5/advance/fast forward	FM: Program button radio station 5 (press briefly), store the current station under this program button (press for a long time); iPod: Press briefly: play back the next title; iPod: press and hold: fast forward in the title.
18	Battery compartment	Battery compartment of the remote control (on the back).

eDock: (optionally available)
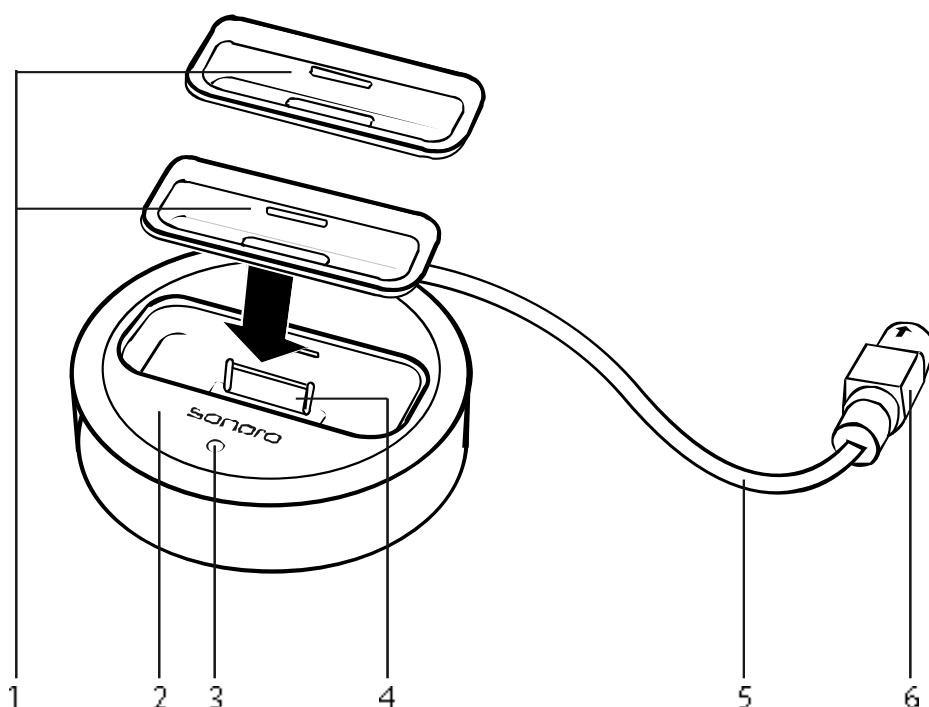
1	Adapter shell	Adapter shell for the optimal stability of the device while it is positioned in the eDock. The shells T2/A and T2/B are included in the scope of delivery. Additional shells may be included in the scope of delivery of your iPod.
2	eDock	The eDock creates the connection between your elements W and the iPod.
3	Light-emitting diode	Indicates that your eDock is connected to your elements W.
4	Connection contacts	Connection contacts for the iPod. Please don't touch!
5	Connection cable	Please protect from damage. Never use a damaged cable. This might lead to the damage or destruction of the connected devices.
6	Connector plug	Connector plug for the connection to your elements W. Insert this plug into the socket labeled iPod on the back of your elements W.

NOTE
When the iPod is inserted, make sure that there is no pressure on the device standing in the shell. Otherwise this might result in damage (breaking) of the eDock.

The setup menu provides access to the functions and settings of the device.

NOTE
In standby mode you can use the menu to set the time of day, alarm functions and dimmer. In order to open the setup menu with all functions, first switch on the device by pressing the STAND BY button.

7.   Setting the basic functions

1. Switch on the device by briefly touching the sonoro lettering.
2. Press the menu button of the elements W or the remote control for a long time until the setup menu appears.

The display shows the following information in the setup menu:

```
┌──────────────────────────────┐
│    ▗▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▖    │
│    █    Setup Menu      █    │
│    ▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀    │
│       ▐Audio▌        ↰       │
│       Sleep Timer            │
│         Clock                │
│         Dimmer               │
└──────────────────────────────┘
```

The arrow refers to additional entries in the list.
3. Switch to the desired menu entry by pressing the UP or DOWN button.
4. In order to open the selected menu entry, briefly press the menu button again and perform the settings.
5. To change to the next higher menu or leave the setup menu, press the BACK button.

> **ℹ NOTE**
> If you stop adjusting the settings for about 10 seconds, the setup menu closes and the display will return to its original mode.

7.1   Setting the display language

The language of the menus as well as the playback display can be customized.

1. Press the menu button of the elements W or the remote control for a long time until the setup menu appears.
2. Select the language entry by pressing the UP or DOWN buttons and confirm the entry by pressing the menu button again.

```
┌──────────────────────────────┐
│    ▗▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▄▖    │
│    █     Language       █    │
│    ▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀    │
│                              │
│       ▐English▌              │
│        Deutsch               │
└──────────────────────────────┘
```
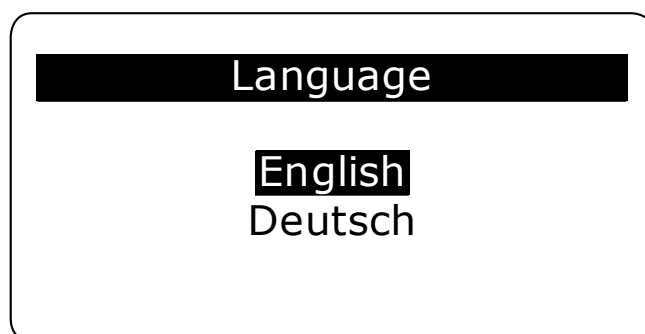
3. Here you can choose between German and English. Select the desired language and press the menu button to confirm. Please note that the language of the iRadio module can be

set separately and that additional languages are available here (see iRadio mode section 12.5.4).

7.2 Setting the brightness of the display and navigation ring

The brightness of the display and ring backlight can be set independently of each other in three steps (display) and four steps (ring backlight).
This function is also available in the stand-by mode of the device.

> **i** **NOTE**
> The lifespan of an OLED display decreases as the brightness increases. Therefore it is recommended to set a low to medium brightness.

1. Press the menu button of the elements W or the remote control for a long time until the setup menu appears and select the dimmer entry with the UP or DOWN buttons. Confirm your selection by pressing the menu button.

```
┌─────────────────────────────────┐
│ ▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀▀ │
│       Display Brightness        │
│                                 │
│                                 │
│             Middle              │
│                                 │
│        ┌───────────┬─────────┐  │
│        └───────────┴─────────┘  │
└─────────────────────────────────┘
```
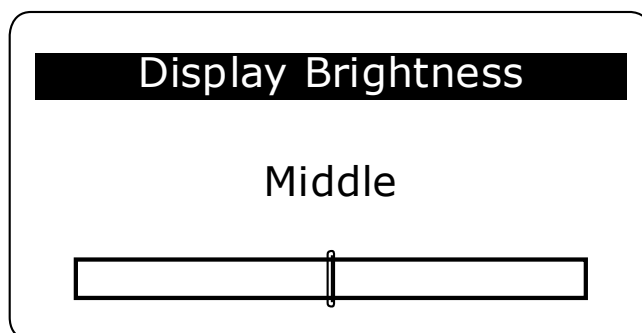
2. To set the brightness of the display, select display by pressing the UP or DOWN button. Confirm your selection by pressing the menu button.
To set the brightness of the ring backlight, select the light item also in the dimmer menu by pressing the UP or DOWN button.
3. In both cases you can reach the desired brightness setting by pressing the UP or DOWN button.
4. To confirm the entry, press the menu button one more time.
5. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

7.3 Setting the time format

The display can show the time in a 12-hour format or in a 24-hour format.

This function is also available in the stand-by mode of the device.
1. Press the menu button of the elements W or the remote control for a long time until the setup menu appears.
2. Select the clock entry by pressing the UP or DOWN buttons and confirm the entry by pressing the menu button again. Now select format and confirm your selection again by pressing the menu button. The active time format is indicated with an asterisk.

```
┌──────────────────────────────┐
│   ███████████████████████    │
│         Format               │
│   ███████████████████████    │
│                              │
│         ██████               │
│         12HR                 │
│       * 24HR                 │
│                              │
└──────────────────────────────┘
```
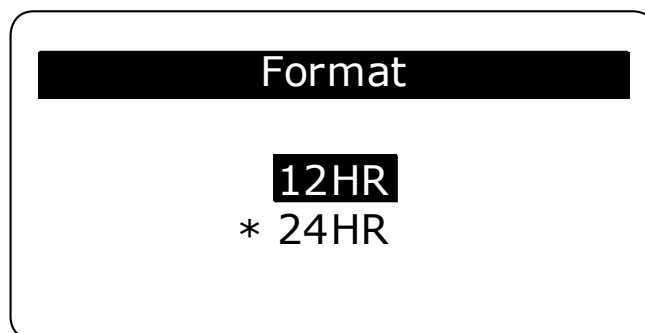
3. You can reach the desired time format by pressing the UP or DOWN button.
4. To confirm the entry, press the menu button.
5. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

7.4   Setting the time

The time shown in the display can be set through the setup menu.
This function is also available in the stand-by mode of the device.

1. Press the menu button of the elements W or the remote control for a long time until the setup menu appears.
2. Select the clock entry by pressing the UP or DOWN buttons and confirm the entry by pressing the menu button again. Now select time and confirm your selection again by pressing the menu button. You will now see a split display with an actual and a desired value. The actual one shows the time that is currently set while the desired one shows the time that will be set.

```
┌──────────────────────────────┐
│   ███████████████████████    │
│      Clock Settings          │
│   ███████████████████████    │
│                              │
│      Now  12:00              │
│      Set  20:00              │
│                              │
└──────────────────────────────┘
```
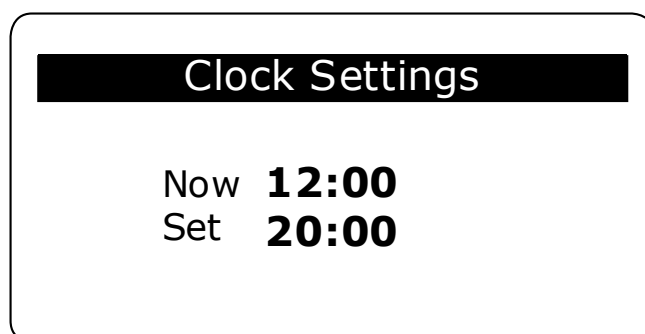
3. The first two digits are the hours. These flash when the menu is accessed. In order to set the hours, select the current hour with the UP or DOWN buttons. To confirm the entry, press the menu button.
4. In order to set the minutes, select the current minutes with the UP or DOWN buttons. To confirm the entry, press the menu button one more time.
5. Now the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

7.5 Setting the time (in iRadio mode)

In addition to the already mentioned option of setting the time, the iRadio mode also gives you the option of setting the time automatically through the Internet.

1. Press the menu button of the elements W or the remote control for a long time until the setup menu appears.
2. Select the clock entry by pressing the UP or DOWN buttons and confirm the selection by pressing the menu button again. Now select Internet time and confirm your selection again by pressing the menu button. You will now see a display in which you can enter the deviation of your local time from Greenwich time. In Germany this is one hour. Select the appropriate value with the UP or DOWN buttons.
3. To confirm the entry, press the menu button. You will then access the next menu. Here you have the option of switching daylight saving time on or off. Select YES to activate daylight saving time and NO to deactivate it.
4. The following menu will give you the option of automatically updating the time of day through the Internet. Select YES to update the time through the Internet and NO if you do not want to use this function. The time is now set according to your preferences.
5. Now the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

7.6 Setting the sound

The sound of the audio playback can be adjusted by setting the bass and treble levels.

1. Press the menu button of the elements W or the remote control for a long time until the setup menu appears.
2. Open the audio setting item by pressing the menu button.

Audio
Bass
Tremble
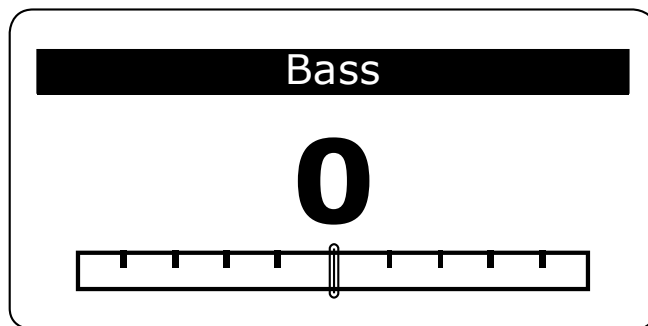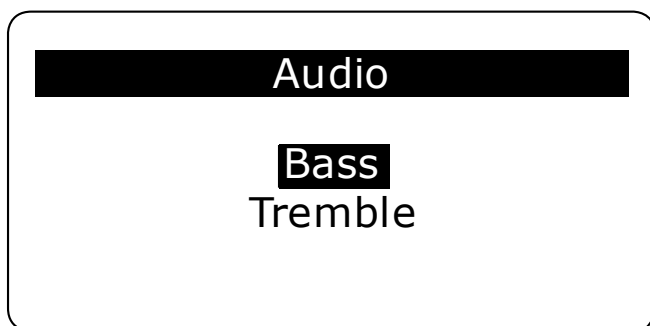
Bass
0

3. To set the bass level, select bass and confirm your selection by pressing the menu button. Select the desired level with the UP or DOWN buttons and confirm the selection by pressing the menu button.
4. To set the treble level, select treble and confirm your selection by pressing the menu button. Select the desired level with the UP or DOWN buttons and confirm the selection by pressing the menu button.
5. After confirming the selected level, the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired

menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

7.7 Setting the sleep timer

The sleep timer is an automatic shut-off function that switches the device to the stand-by mode once the specified time has passed.

Activating the sleep timer of the device
1. Press the menu button of the elements W or the remote control for a long time until the setup menu appears.
2. Select the SLEEP TIMER entry by pressing the UP or DOWN buttons and confirm the selection by pressing the menu button.
3. To extend or reduce the time interval until the device is switched off, select the desired level with the UP or DOWN buttons and confirm the selection by pressing the menu button. The maximum time interval is 90 minutes. The minimum time interval is 1 minute.
4. After confirming the selected level, the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

Deactivating the sleep timer of the device
Select the time interval as in items 1. - 3. above and set the value for the time interval to 0 with the UP and DOWN buttons. This will deactivate the sleep timer. Confirm your selection by pressing the menu button.

Setting the sleep timer with the remote control
• To activate the sleep timer function, press the SLEEP button on the remote control. The symbol ☾ will be shown on the display.

Deactivating the sleep timer with the remote control
• To deactivate the sleep timer, press the SLEEP button again. The symbol on the display will be removed.

> **ℹ NOTE**
> If the device was switched off through the sleep timer, it will start in the most recently heard mode the next time it is switched on, which means at the most recently heard station (FM) or the most recently heard track (iPod).

7.8 Setting the time interval for the sleep timer

1. To set the length of the time interval, go to the SLEEP TIMER menu.

```
┌─────────────────────────────────┐
│   ███████████████████████████   │
│         Sleep Timer             │
│                                 │
│        15 Min                   │
│                                 │
└─────────────────────────────────┘
```

2. To extend or reduce the time interval until the device is switched off, select the desired level with the UP or DOWN buttons and confirm the selection by pressing the menu button or SLEEP button. The maximum time interval is 90 minutes. The minimum time interval is 1 minute.
3. To confirm the entry, press the menu button.
4. When the time has expired, the playback will slowly fade out.

7.9   Restoring the factory settings of the device

If desired, all of the settings you have customized, such as language and time formats and stored stations, can be switched back to the factory settings.
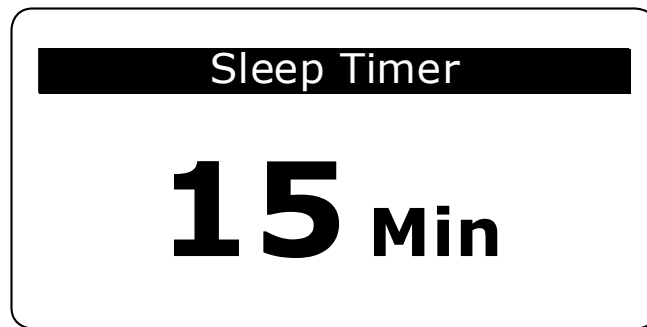
1. Press the menu button of the elements W or the remote control for a long time until the setup menu appears.
2. Open the factory settings item by pressing the menu button.

```
┌──────────────────────┐   ┌──────────────────────┐
│ ████████████████████ │   │                      │
│    Factory Reset     │   │                      │
│                      │   │    RESTORING ...     │
│       No             │   │                      │
│       Yes            │   │                      │
│                      │   │                      │
└──────────────────────┘   └──────────────────────┘
```
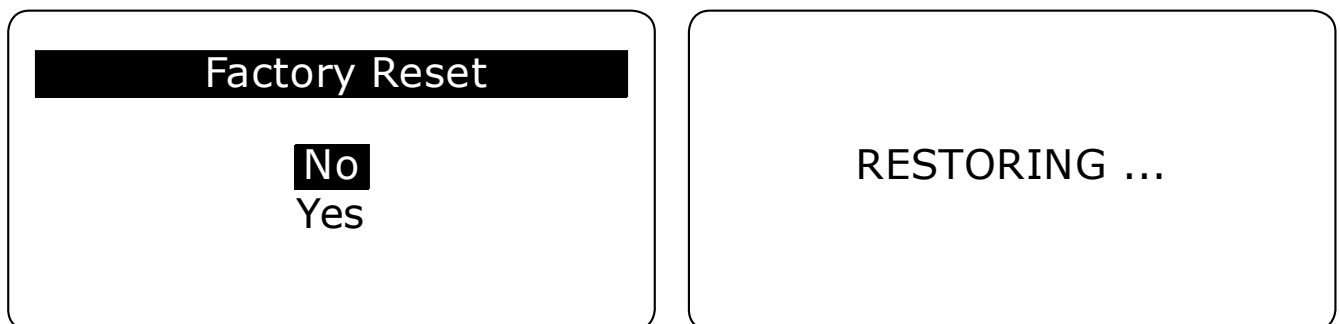
3. To restore the factory settings, select the menu item factory settings with the UP or DOWN buttons and confirm the selection by pressing the menu button.
4. In the following menu you have the choice between NO and YES. NO terminates the process and returns to the previous menu. After confirming NO, the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.
   YES restores the factory settings of the device.
5. After selecting YES, RESTORING … will appear on the display. Now the device will load the factory settings and continue the playback mode that was set before the factory settings were restored. If the device was in stand-by, the device will return to the stand-by mode.

8.   Alarm function

With the sonoro elements W, you can be woken up with the radio, iPod or iRadio .

All settings are performed through the alarm settings function, which you can access through the ALARM button at the top of the device or directly on the remote control. Alternatively, you can also select the alarm setting function in the setup menu.

All alarm functions can also be set in the stand-by mode of the device.

```
┌─────────────────────────────────────┐
│        Set Alarm                     │
│          On/Off                      │
│        Set Time                      │
│         Source                       │
│         Volume                       │
└─────────────────────────────────────┘
```
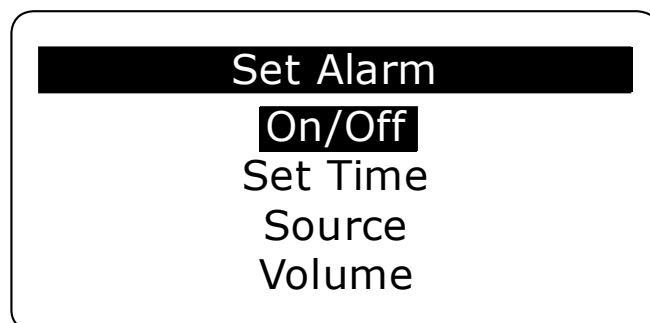
8.1   Setting the alarm

1. Press the ALARM button on the top of the device for a long time.
2. Select the entry time setting with the UP or DOWN buttons and confirm the selection by pressing the menu button.

```
┌─────────────────────────────────────┐
│         Time Setting                 │
│                                      │
│     Now  20:00                       │
│     Set  06:00                       │
│                                      │
└─────────────────────────────────────┘
```
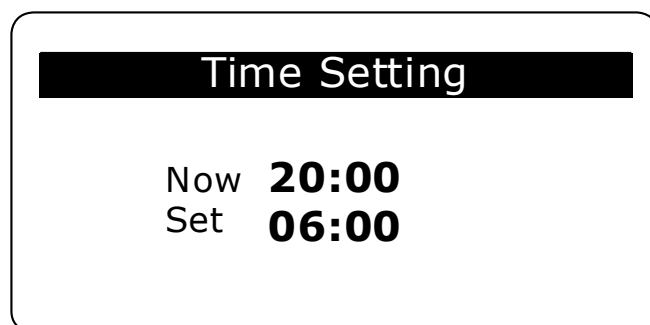
Actual shows the current time, Desired the time that will be set.

3. When the hour block is flashing, press the UP or DOWN buttons and set the desired hour. Confirm your selection by pressing the menu button. The display will change and the minute block will begin flashing.
4. When the minute block is flashing, press the UP or DOWN buttons and set the desired minute. Confirm your selection by pressing the menu button.
5. After confirming the selected level, the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

8.2 Alarm function through radio, iPod, iRadio or buzzer

1. Press the ALARM button at the top of the device until the alarm setting function appears.
2. Select the entry source with the UP or DOWN buttons and confirm the selection by pressing the menu button.
3. In the top right corner of the display, you will see the currently set playback source for the alarm function under the letters NOW.

```
┌─────────────────────────────┐
│        Source               │
│    FM           NOW         │
│   iRadio        iPod        │
│    iPod                     │
│    Beep                     │
└─────────────────────────────┘
```
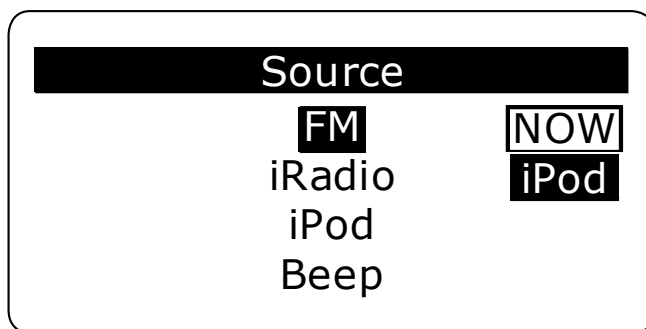
4. You have the choice between:

FM   The device will sound the alarm with the set FM station.
iRadio   The device will sound the alarm with most recently set iRadio station.
iPod   The device will sound the alarm with the most recently heard track on the iPod.
Beep   You will hear the alarm with a classic alarm sound.

> **NOTE**
> If you have selected the iPod playback as a source for the alarm but no iPod is connected, you will hear the beep sound.
> If the device is in playback mode when the alarm goes off, the beep sound will also be activated, regardless of which source you have selected.

4. Select the desired medium that you would like to be woken with. When you select FM or iRadio and have finished setting one of these as the playback source, you have the option of selecting a station stored as one of your favorites (FM section 11.2, iRadio section). To confirm the entry, press the menu button.
5. After confirming the selected level, the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

8.3 Setting the volume of the alarm

1. Press the ALARM button at the top of the device until the alarm setting function appears.
2. Select the volume entry with the UP or DOWN buttons and confirm the selection by pressing the menu button.

```
┌─────────────────────────────────┐
│  ██████████████████████████████ │
│  █          Volume            █ │
│                                 │
│            10                   │
│                                 │
│     ┌───────────┃───────────┐   │
│     └───────────┃───────────┘   │
└─────────────────────────────────┘
```
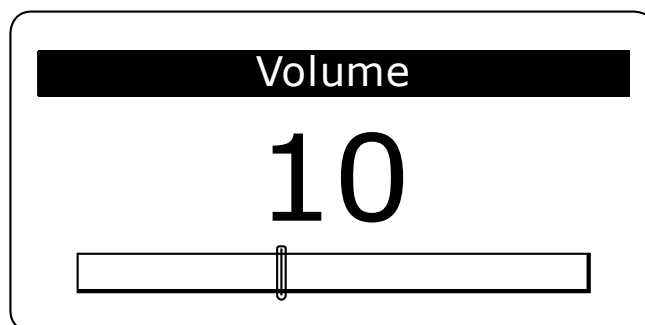
3. To increase or reduce the volume, press the VOL+ or VOL- buttons and confirm the selection by pressing the menu button.

> **NOTE**
> The audio playback always begins at a minimum volume and is slowly increased to the set volume.

4. After confirming the selected level, the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

8.4 Turning the alarm on and off

- To turn on the alarm, briefly press the ALARM button on the top of the device or the remote control. The alarm symbol 🔔 will be shown on the display.
- To turn off the alarm, again briefly press the ALARM button on the top of the device or the remote control. The alarm symbol will be removed.

Alternatively, you can turn the ALARM on and off through the menu:
1. Press the ALARM button at the top of the device until the alarm setting function appears.
2. Select the ON/OFF entry with the UP or DOWN buttons and confirm the selection by pressing the menu button.

```
┌─────────────────────────────────┐
│  ██████████████████████████████ │
│  █          On/Off            █ │
│                                 │
│          * ███████              │
│          * █ OFF █              │
│            ON                   │
│                                 │
│                                 │
└─────────────────────────────────┘
```

3. Select ON if you want to turn on the alarm and OFF if you want to turn off the alarm. To confirm the entry, press the menu button.
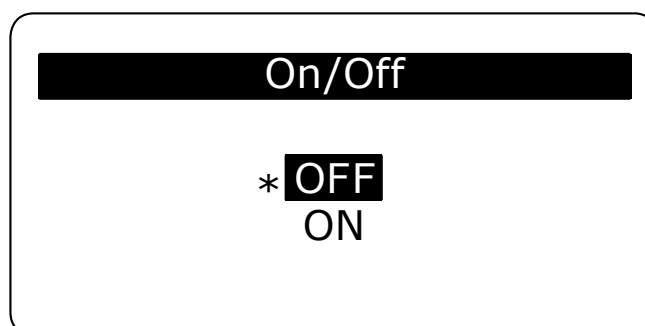4. After confirming the selected level, the device automatically returns to the previous menu. To exit the menu, press the BACK button repeatedly until you have returned to the desired menu item or wait approx. 10 seconds until the device automatically returns to the start menu.

8.5 Turning off the alarm after the alarm sound

- To turn off the alarm, press the ALARM button. Alternatively you can also turn off the alarm by pressing the menu button or touching the on/off sensor. Then the alarm is skipped until the next day.
- If you want to turn the alarm off completely, press the ALARM button. Then the ALARM symbol on the display disappears.
- To activate the snooze function, press the SNOOZE button. The remaining snooze time is shown on the display. When the set time has run out, the alarm will sound again.

8.6 Snooze setting

1. To set the length of the snooze time, press the SNOOZE button until the snooze setting appears.

<div style="border:1px solid black; display:inline-block; padding:10px;">

Snooze Setting

5 Min

</div>
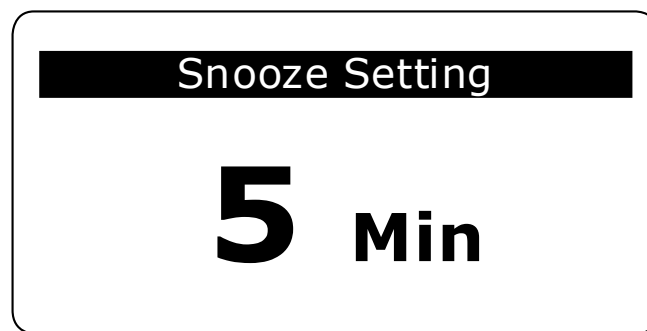
2. To extend or reduce the snooze time, press the buttons UP or DOWN..

> **i NOTE**
> You can also set the length of the snooze time while the snooze function is active.

9. Saving energy

With this setting you have the option of changing the device's energy savings according to your preferences.

> **i NOTE**
> Please note that this setting option is only available when the device is switched off.

1. 1. To set this option, press the menu button while the device is turned off until the menu appears.
2. Now select the energy menu item with the UP or DOWN buttons and confirm your selection by pressing the menu button.
3. You now have the option of switching the energy savings function on or off by pressing the menu button. Here energy savings OFF means switching off the energy savings function and

ON means it is switched on.

4. After selecting the desired setting, press the BACK button to return to the original display.

5. If the energy savings function is switched on, a small sun symbol appears in the top right corner of the display.

6. If the function is switched off, this symbol is removed.

Switching the energy savings function on or off results in the following differences

Energy savings ON
- In this mode, your elements W has the lowest amount of power consumption (approx. 1.5 watts)
- Starting the iRadio function during the switching on and change from other modes takes about 45 seconds.

Energy savings OFF
- The iRadio function is quickly available during the start and when switching from other modes, such as iPod and Aux (not FM).
- In this mode the consumption of the data transfer volume (traffic) increases, since the device continues the data connection even in a switched-off mode.
- If the device is connected with the network through WLAN, this connection also continues in a switched-off state. The wireless network is not deactivated.
- In this mode, your elements W consumes approx. 6 watts

10. General functions of the audio playback

For the selection of the audio playback mode, such as iPod, FM radio, iRadio or AUX, select the appropriate mode by pressing the MODE button. To confirm the selection, press the menu button.

The buttons on the device as well as the remote control are equivalent. The special features of operating the individual media are described in separate chapters.

10.1 Setting the volume

- To increase the volume, press the VOL+ button on the top of the device.
- To reduce the volume, press the VOL- button on the top of the device.

The volume control will be shown on the display.

10.2 Muting the playback

- To turn off the sound during the playback, briefly press the SNOOZE button on the top of the

device in the playback mode or press the MUTE/SNOOZE button on the remote control. The following symbol ⚔ will be shown on the display.

- To turn the sound on again, press the MUTE button on the top of the device or the MUTE/SNOOZE on the remote control again or press VOL+ or VOL-. The symbol 🔊 will be shown again.

10.3 Selecting the playback mode

For the selection of the audio playback mode, such as iPod, FM radio, iRadio or AUX, select the appropriate mode by pressing the MODE button. To confirm the selection, press the menu button.

Depending on the playback mode that you are currently in, the remaining playback modes are available to you in the following sequence

FM - iPod - AUX - iRadio - FM - ...

```
┌─────────────────────────────┐   ┌─────────────────────────────┐
│ FM ____ 12:00 ____    🔊     │   │ FM ____ 12:00 ____    🔊     │
│                             │   │                             │
│ << iRadio          iPod>>   │   │ << AUX              FM>>     │
│ ██████████████████████████  │   │ ██████████████████████████  │
│ █FM                      █  │   │ █iRadio                  █  │
│ ██████████████████████████  │   │ ██████████████████████████  │
└─────────────────────────────┘   └─────────────────────────────┘
```

ℹ **NOTE**
When switching into another mode, the device always starts in the most recently heard station (FM radio, iRadio) or is at the most recently heard position in the most recently heard track (iPod mode).

External devices (AUX) are not controlled through the elements W and therefore always start in the position that the device is currently at.

11. FM-Radio playback

1. Switch on the device by briefly touching the sonoro lettering. The device always starts at the most recently heard radio station.
2. If the device starts in another mode, e.g. because it was switched off in another mode through the sleep timer, press the MODE button and select the FM mode.

In radio mode, the display shows the following information:
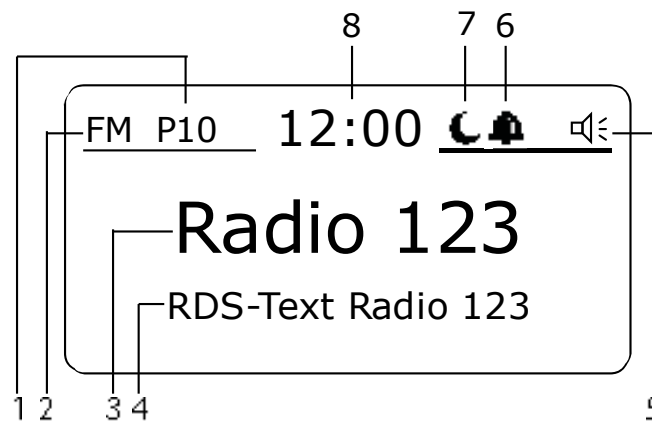
1 Mode: FM
2 Stored program location if the station was stored in the program memory
3 Station name if the station transmits RDS text
4 RDS text of the station if the station transmits RDS text. Shown as scrolling text.
5 Speaker symbol
6 Alarm symbol. Appears if the alarm is switched on.
7 Sleep symbol. Appears if the sleep function is switched on.
8 Time. Shows the time that is currently set.

> **NOTE**
> RDS is only available for stations that transmit the appropriate RDS data. If required, ask at your station whether it supports this function.

If the station does not send RDS text, the frequency is shown instead of the station name.
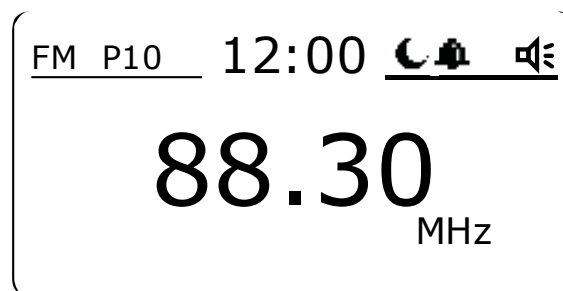
11.1 Searching for a station

- To find the next station with a strong signal in the lower frequency range, press the DOWN button on the navigation ring until the scanning starts on the display.
- To find the next station with a strong signal in the higher frequency range, press the UP button on the navigation ring until the scanning starts on the display.
- To manually set another frequency, briefly press the DOWN button or UP button. The frequency will be switched one step at a time.

> **i NOTE**
> If your FM reception is weak, you should connect the external FM antenna and make sure that the FM switch at the back of the device is in the right position (see the chapter "Connecting the antenna").
>
> If the reception is too weak even with the plugged-in antenna, realign the antenna or place the device in a different location.

11.2 Storing a station

The sonoro elements W offers ten program memory presets.

Storing a station in the device

1. Set the station that you would like to store.
2. Press the FAVOR button on the device until the program memory is opened.
3. The display will show SAVE FAVORITE followed by a number 1-10. By pressing the UP or DOWN button you can select the desired memory preset. If the current memory preset is already taken, the name of the station stored at this position appears behind the display text RDS NAME. Beneath this, the currently set frequency appears next to the display text FM. If no station is stored in this position, the word FREE will be displayed here instead of the frequency.
4. Select the desired memory preset as described and confirm your selection by pressing the menu button.
5. The display will indicate SAVING.
6. To return to the original display, press the FAVOR button again or wait about 5 seconds until the device automatically returns to the original display.

11.3 Storing a station with the remote control

> **i NOTE**
> Only the program presets 1-5 can be stored with the remote control. Accessing the program presets 6-10 is done exclusively through the FAVOR button on the device.

1. Set the station that you would like to store.
2. Press the program button (button 1-5) at which you would like to store the station until the display shows the message "stored".

11.4 Accessing stored stations (on the device)

NOTE
Only the program presets 1-5 can be accessed with the remote control. Accessing the program presets 6-10 is done exclusively through the FAVOR button on the device.

1. Briefly press the FAVOR button on the device. The program memory is opened.
2. Press the UP button repeatedly until you have reached the program preset that you would like to access.
3. Press the menu button. The selected station is played back and the information is shown on the display.

11.5 Accessing a station (with the remote control)

Briefly press the program button (button 1-5) of the station. The selected station is played back and the information is shown on the display.
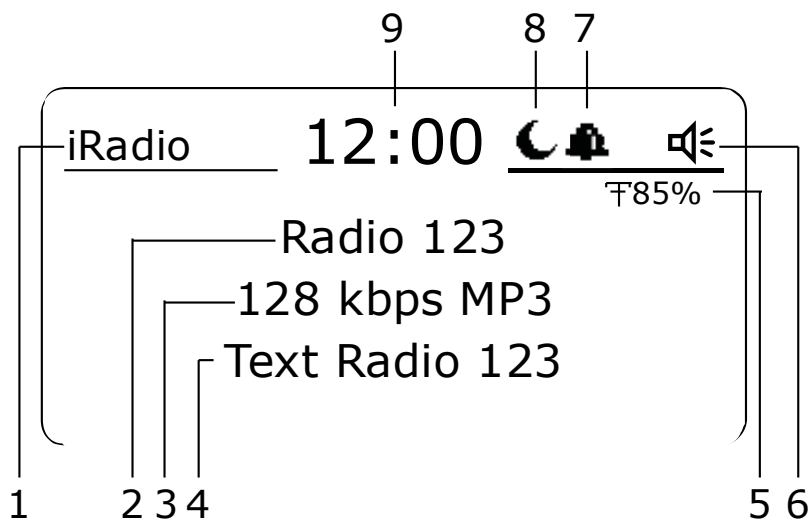
12. iRadio

CAUTION

iRadio can result in additional charges!

Internet radio is based on a data stream that is offered to you free of charge by the individual radio stations and which your elements W converts into music or language. Downloading these data result in increased data traffic through your connection. Depending on your contract, this can result in additional charges.

1. Switch on the device by briefly touching the Sonoro lettering. The device always starts at the most recently heard iRadio station.
2. If the device starts in another mode, e.g. because it was switched off in another mode through the sleep timer, press the MODE button and select the iRadio mode.

In the iRadio mode, the display shows the following information:

1 Mode: iRadio

2 Station name of the current station

3 Information about the data stream and format

4 Additional text information of the current station

5 Sign for activated WLAN reception (here the current reception level is 85%)

6 Speaker symbol

7 Alarm symbol if the alarm function is activated

8 Symbol for activated sleep function

9 Time display

12.1 Setting up the network connection

NOTE

If one of the items listed below should fail, please press the BACK button to return to the previous menu item. You can recognize the current selection by the angle brackets < > that surround it.

1. If you switch the device to the iRadio mode for the first time or previously switched it back, the device first has to be set up for Internet radio reception.
2. This is mostly an automated process. But there are situations in which user entries are required.
3. When you start the device for the first time, it first tries to find a network. The display first shows "Please wait", followed by the search for a network (Initializing network). Here it first attempts to establish a connection through a wireless network (WLAN) (network search 1-28).
4. If a wireless network is found, the network name (SSID) is shown on the display. If several wireless networks are found, they appear one after the other in a list. In order to select a particular wireless network, mark the desired network name with the UP or DOWN button and confirm the selection by pressing the menu button. If no wireless network is found, please follow the instructions below under item 8.
5. If the wireless network is encrypted, the message "Enter WPA key" appears after selecting the wireless network (if using access with WPA encryption) and "Enter WEP key" (if using access with WEP encryption).
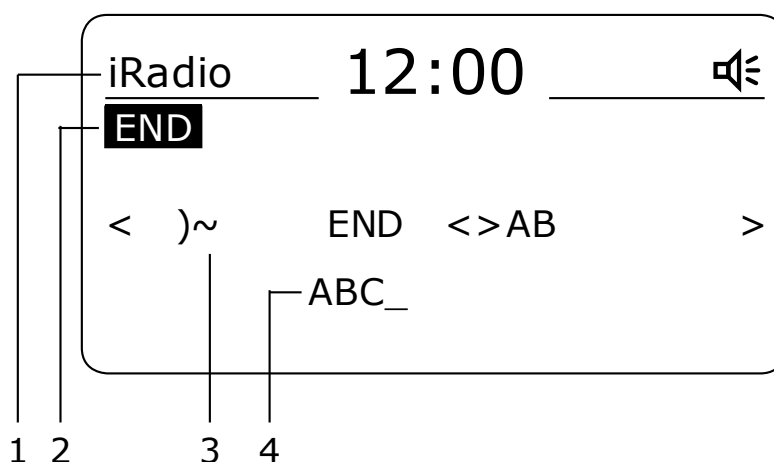
1 Currently set mode (here iRadio)
2 Currently selected symbol (here the final entry END)
3 Line with symbols that precede or follow the current selection. The symbol that is at the center can be selected by pressing the menu button.
4 Already selected symbols. These represent the key that has to be entered.

NOTE
The following symbols are available for the entry of a network key:
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789<|=>+ -_!?@#$%^&*:;`´".,\ /[]{}()~ END
END completes the entry of the key.
Please observe the lower and upper cases of the letters!

6. Below you have the option of entering the key for the selected network. Select the desired symbol with the UP or DOWN buttons and confirm your selection by pressing the menu button. You can change incorrect entries by pressing the BACK button. You can see the current symbol in the top left corner below the iRadio lettering. Complete your entry by selecting END and confirm the entry by pressing the menu button.

7. If no wireless network is available, the device automatically searches for a network through the cable connection. Initially no entries by the user are required here. If there are difficulties or problems in establishing a connection, please read the information below under "other possible settings".
8. Now the device will try to establish a connection to the network that was just set (Connect to network/connection to "network name"). If the key is correct, the display will shortly switch to the message "Searching for gateway". It is not necessary to enter a key if the connection is established with a cable-based network. If the device finds the appropriate gateway, it will download the current station list (Load station list) from the Internet.
9. After the successful download of the station list, the device will display the following information:

- Internet radio: Enables the selection of location and genre as well as the search for Internet radio stations.
- My favorites: This menu item only appears once the registration and setup on mysonoro.com have been completed. Under this menu item you can find all of the stations, streams, podcasts, etc. that are provided through mysonoro.com.
- Media player: Makes it possible for the user to perform settings to access data from a remote directory.
- Settings: Makes it possible to change and view network, language and configuration settings as well as restore iRadio.

As soon as you see this information on your display, all of the operational settings have been transferred successfully. Now you can continue with the selection of a station as described in the chapter below.

12.2 Selecting a station (Internet radio)

1. If the menu of the iRadio is not shown, you can access it by pressing the menu button.
2. Now select the Internet radio menu item by pressing the UP or DOWN buttons and confirm your selection by pressing the menu button.
3. The following functions are available here:

- Location: Enables the selection of a station through a table of countries.
- Genre: Enables the selection of a station through a list organized by genres.
- Search: Enables the direct search for a specific station.

4. To switch to a station that has already been set, press the BACK button and continue as described above.

12.2.1 Location

1. If you would like to select the station through the table of countries, select the location function and confirm your selection by pressing the menu button.
2. Next you will receive a list of countries for which radio stations have been stored.
3. Now select the desired country by pressing the UP or DOWN button and confirm your selec-

tion by pressing the menu button.

4. The message "Loading XX stations" will appear on the display. XX stands for the respective available amount of stored stations

5. Now you will receive a list of all of the radio stations that have been stored for the selected country.

6. Select the desired station by pressing the UP or DOWN buttons and confirm your selection by pressing the menu button.

7. Your elements W will now try to establish a connection to the desired station. This is signaled by the station name and establishment of a connection on the display. If a compatible data stream is available, your elements W will shortly start playing back the desired station.

8. To switch to a station that has already been set, press the BACK button and continue as described above.

12.2.2 Genre

1. If you would like to select the station by genre, select the genre function and confirm your selection by pressing the menu button.

2. Now you will receive a list with categories for which radio stations have been stored.

60s	Comedy	Jazz	Rock
70s	Contemporary	Jungle	Soft Rock
80s	Country	Kids	Spanish
90s	Dance	Latin hits	Sports
Adult	Discussion	New Age	Talk
Adult Contemporary	Drum & Bass	News	Top 40
Alternative	Easy	News Talk	Unknown
Ambient	Electronica	News Updates	Varied
Bluegrass	Experimental	Oldies	World
Blues	Folk	Pop	World Africa
Bollywood	Gospel	Public	World Asia
Christian	Greek	Punk	World Caribbean
Christian Contemporary	HipHop	R&B	World Europe
Classic Rock	Indian	Rap	World Mediterranean
Classical	Indie	Reggae	World Middle East
College	Indie Rock	Religious	World Tropical

The list is continuously expanded. It only represents a snapshot.

3. Now select the desired category by pressing the UP or DOWN buttons and confirm your selection by pressing the menu button.

4. The message "Loading XX stations" will appear on the display. XX stands for the respective available amount of stored stations

5. Next you will receive a list of all of the radio stations that have been stored for the selected

category.

6. Select the desired station by pressing the UP or DOWN buttons and confirm your selection by pressing the menu button.
7. Your elements W will now try to establish a connection to the desired station. This is signaled by the station name and establishment of a connection on the display. If a compatible data stream is available, your elements W will shortly start playing back the desired station.
8. To switch to a station that has already been set, press the BACK button and continue as described above.

12.2.3   Search

1. If you would like to select the station through a search, select the search function and confirm your selection by pressing the menu button.
2. Below you have the option of entering the name of the station you are searching for. Select the desired symbol with the UP or DOWN buttons and confirm your selection by pressing the menu button. You can change incorrect entries by pressing the BACK button. You can see the current symbol in the top left corner below the iRadio lettering.

i

NOTE
The following symbols are available for the entry of a name:
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789<|=>+ -_!?@#$%^&*:;`'".,\ /[]{}()~ END
END completes the entry of the key.
Please observe the lower and upper cases of the lettering if needed

3. Complete your search by selecting END and confirm the entry by pressing the menu button.
4. Next you will receive a list of all of the radio stations that have been stored in respect to your search.
5. Select the desired station by pressing the UP or DOWN buttons and confirm your selection by pressing the menu button.
6. Your elements W will now try to establish a connection to the desired station. This is signaled by the station name and establishment of a connection on the display. If a compatible data stream is available, your elements W will shortly start playing back the desired station.
7. To switch to a station that has already been set, press the BACK button and continue as described above.

12.2.4   Storing a station

The sonoro elements W offers ten program memory presets.

Storing a station in the device

1. Set the station that you would like to store.
2. Press the FAVOR button on the device until the program memory is opened.

3. The display will show SAVE FAVORITE followed by a number 1-10. By pressing the UP or DOWN button you can select the desired memory preset. If the current memory preset is already taken, the name of the station stored at this position appears behind the display text RDS NAME. Beneath this, the currently set frequency appears next to the display text FM. If no station is stored in this position, the word FREE will be displayed here instead of the frequency.
4. Select the desired memory preset as described and confirm your selection by pressing the menu button.
5. The display will indicate SAVING.
6. To return to the original display, press the FAVOR button again or wait about 5 seconds until the device automatically returns to the original display.

12.2.5 Storing a station with the remote control

NOTE
Only the program presets 1-5 can be stored with the remote control. Accessing the program presets 6-10 is done exclusively through the FAVOR button on the device.

1. Set the station that you would like to store.
2. Press the program button (button 1-5) at which you would like to store the station until the display shows the message "stored".

12.2.6 Accessing stored stations (on the device)

NOTE
Only the program presets 1-5 can be accessed with the remote control. Accessing the program presets 6-10 is done exclusively through the FAVOR button on the device.

1. Briefly press the FAVOR button on the device. The program memory is opened.
2. Press the UP button repeatedly until you have reached the program preset that you would like to access.
3. Press the menu button. The selected station is played back and the information is shown on the display.

12.2.7 Accessing a station (with the remote control)

Briefly press the program button (button 1-5) of the station. The selected station is played back and the information is shown on the display.

12.3 My stuff

The menu item My stuff appears on the device after the successful registration at mysonoro. com as well as the selection of at least one station in your favorites folder on this website. In general, this menu gives you the option of accessing your favorite stations etc. very quickly, which you can quickly and conveniently set up and organize at mysonoro.com. More information about this function and how you can properly set it up and use it can be found at mysonoro. com.

12.4 Media player

The menu item media player enables you to play back music files from data carriers that are accessible through the network or PCs on the elements W. There are various options for doing this, which are explained below.

12.4.1 Sharing

The submenu item "Search for PCs" starts a network search for PCs that have network shares. Below is an explanation of how you can set up a network share. Please read the instructions completely before you begin. Depending on your system settings, some interim steps may be omitted.

NOTE
Please note that we are unable to assume any guarantee for the proper functioning of the following information. If any problems should arise with the shares, please contact the manufacturer of the operating system, Microsoft. Windows XP Professional is not supported for this function.
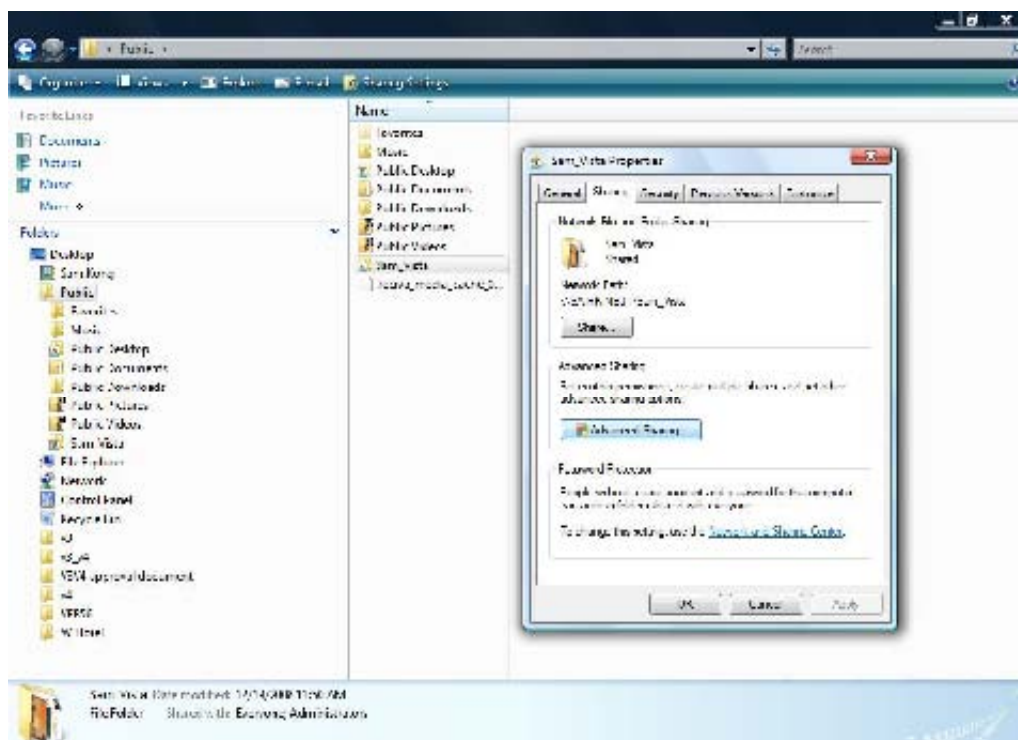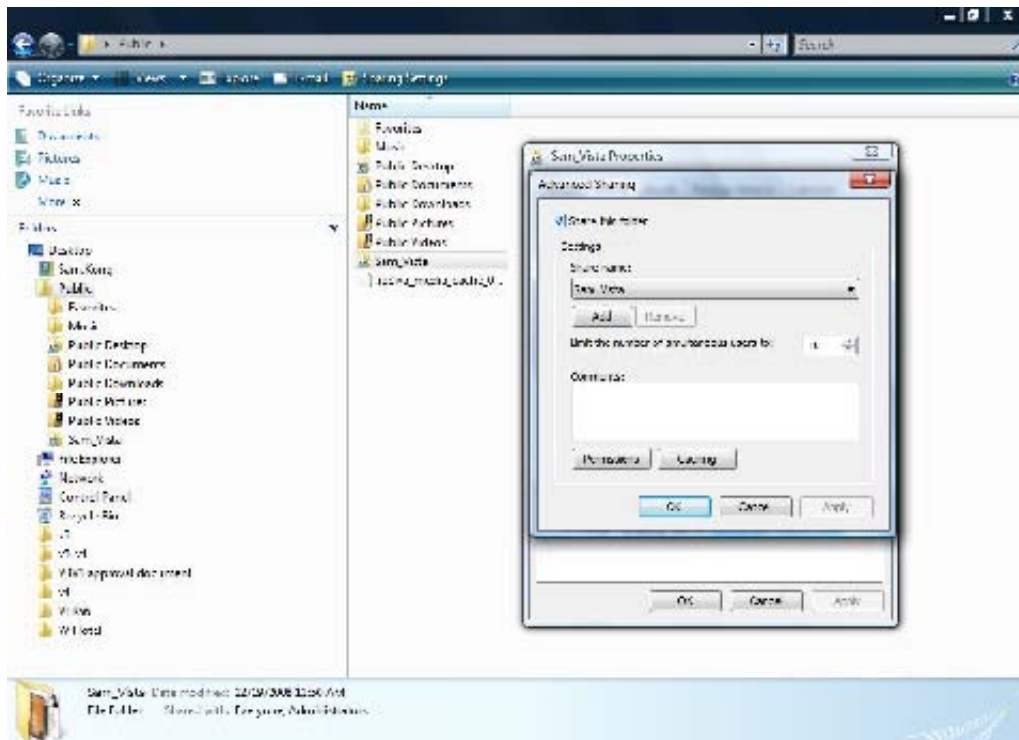
Operating system Microsoft Windows Vista
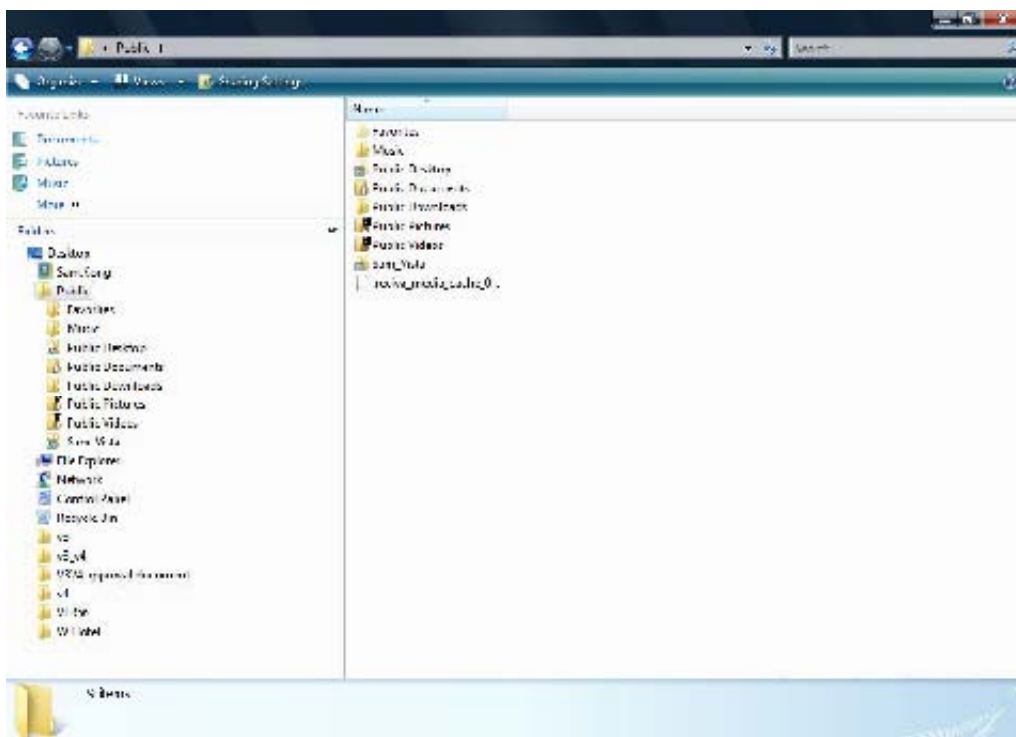
Access the directory containing the folder you would like to share and click with the right mouse button on the respective folder icon. When the context menu opens, select Properties.
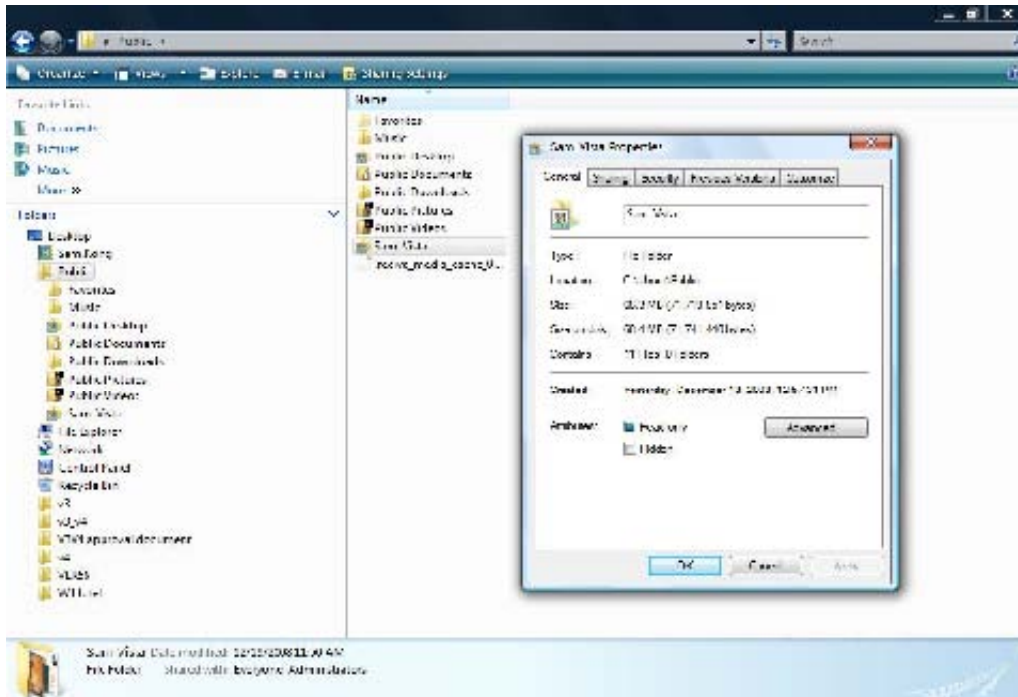
Select the Sharing tab and then select Advanced Sharing.

Now select the field Share this folder and confirm this selection by clicking on the Apply field.

If no folder is found although you have set up a share, this function may not be supported by your network hardware. Another possibility is that an active firewall is blocking it.

Operating system Microsoft Windows XP (HOME)
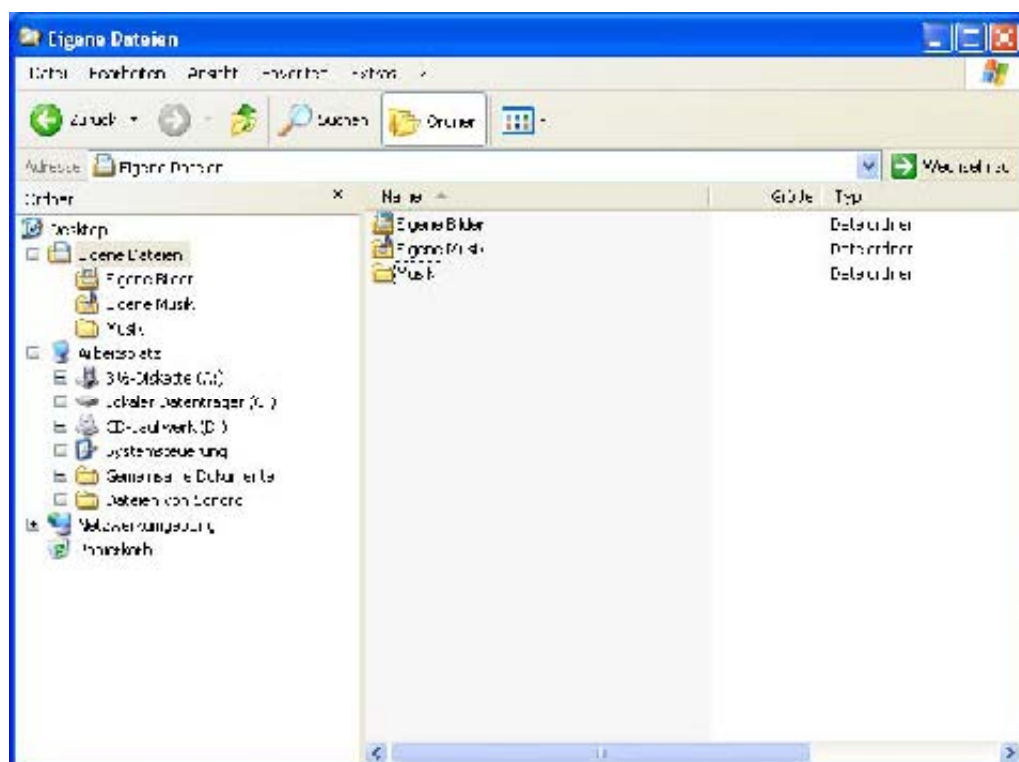
Access the directory containing the folder you would like to share (here music) and click with the right mouse button on the respective folder icon. When the context menu opens, select Sharing and security … .
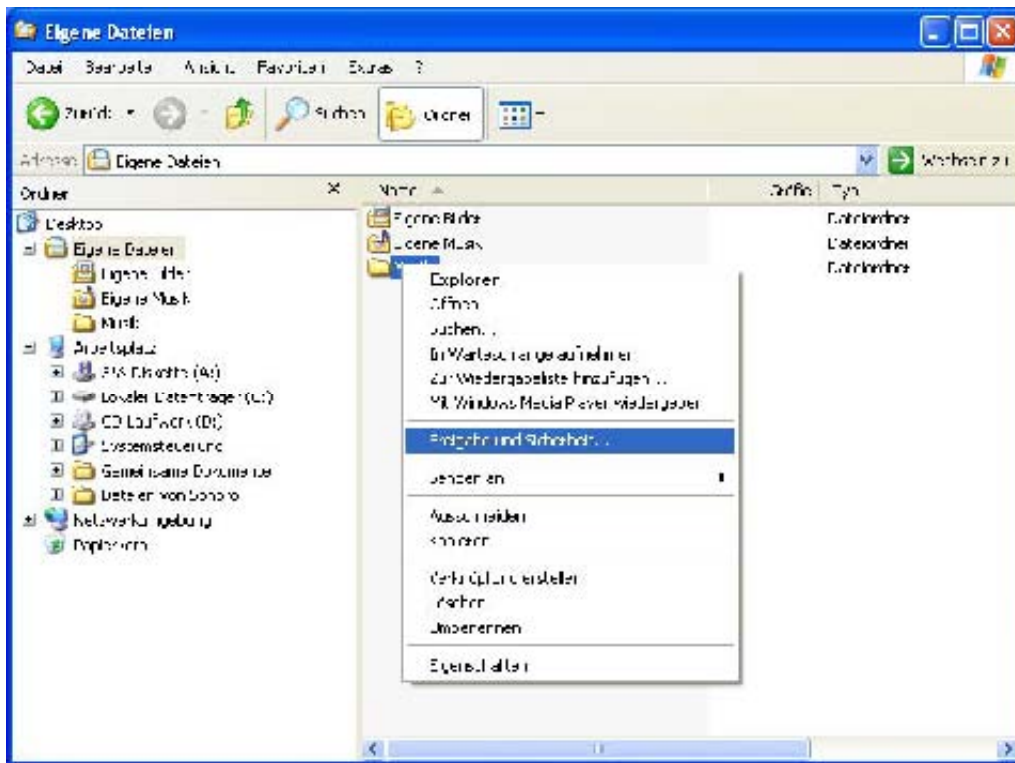
In the window that follows, select the sharing variant without assistant in the network share field. Confirm your entry by clicking on the Apply field and select Enable file sharing in the query that follows. Confirm the selection by clicking on OK.

If this display looks different on your system, please just continue with the following item. The following window can also appear directly after the selection of the context menu item Sharing and security if sharing has already been set up previously.
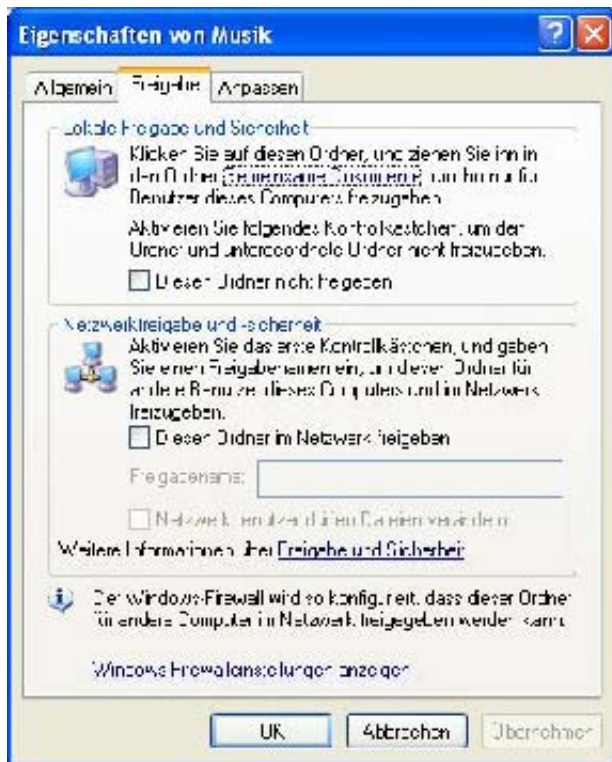
Activate the two fields Share this folder on the network and Network users can change files. Under share name, enter the name that you would like to be displayed on your elements W. Confirm the entry by clicking on OK. Now the folder icon of the folder you would like to share has changed. It shows that a share has been activated for this folder. Your elements W should now be able to find the shared directory.
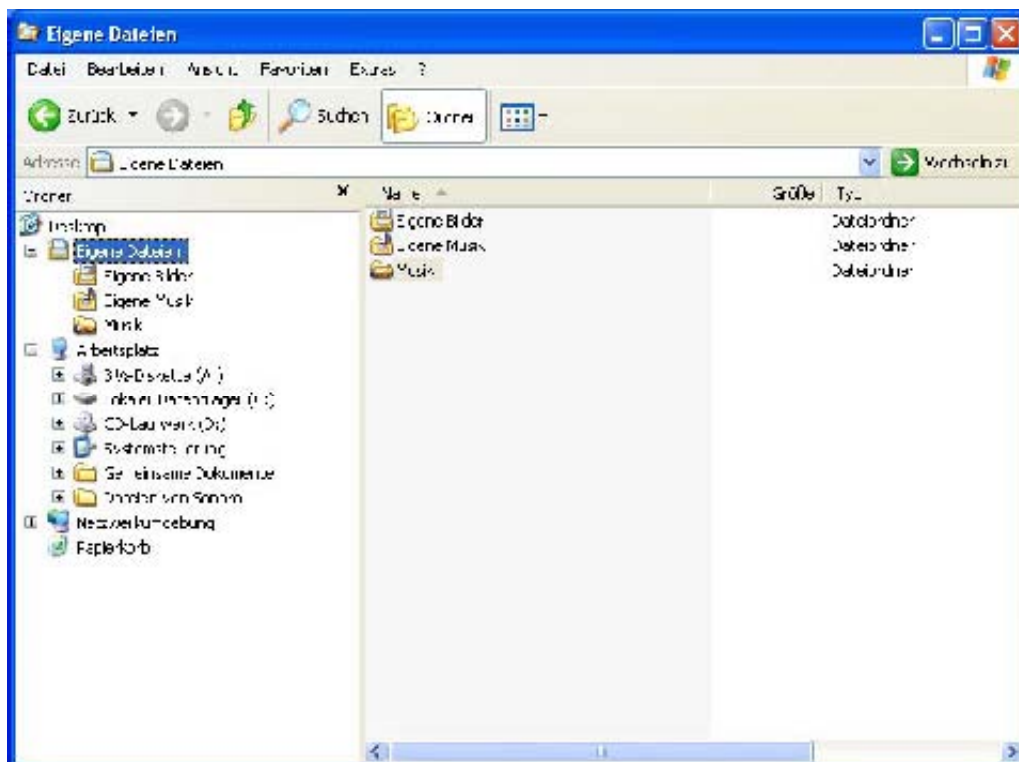
If no folder is found although you have set up a share, this function may not be supported by your network hardware. Another possibility is that an active firewall is blocking it.

Directory input
This menu item functions for the new input of the shared network directory.

12.4.2 UPNP Server

Here you have the option of accessing files and playlists that are stored on and shared by an available network PC through Windows Media Player.

The Windows Media Player version 11 or higher is required for a successful connection, along with the appropriate share of the files in Media Player.
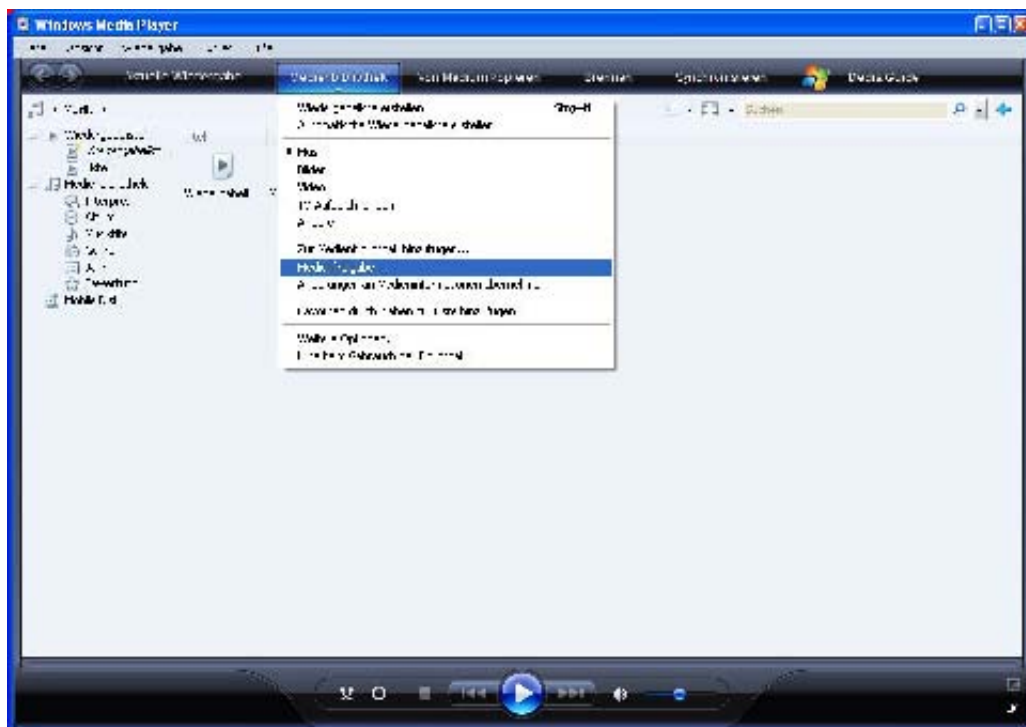
Start Windows Media Player and click on the menu item Library. Here select the field Media Sharing...
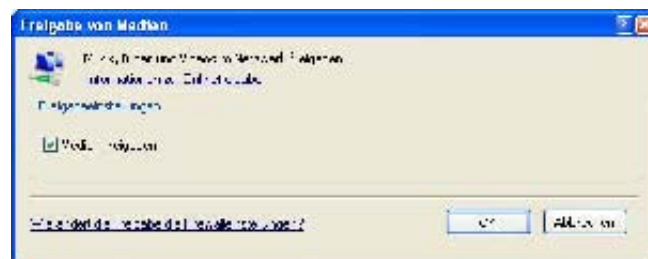
nd click Share my media in the following window. Confirm your entry by clicking on the OK button.

Now select the menu item UPNP Server on your elements W and confirm your selection by pressing the menu button. The device will now try to connect to your Media Player. But first device sharing has to be enabled for a successful connection.

In the sharing window of your Media Player where the sharing should be enabled, the message "Unknown device" will now appear. Select the device and confirm your selection by pressing the allow button.
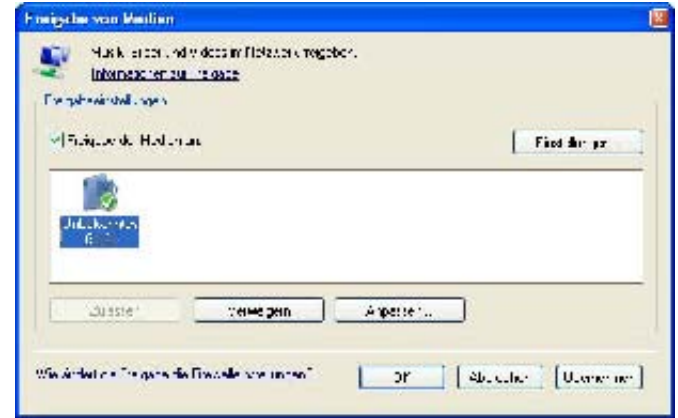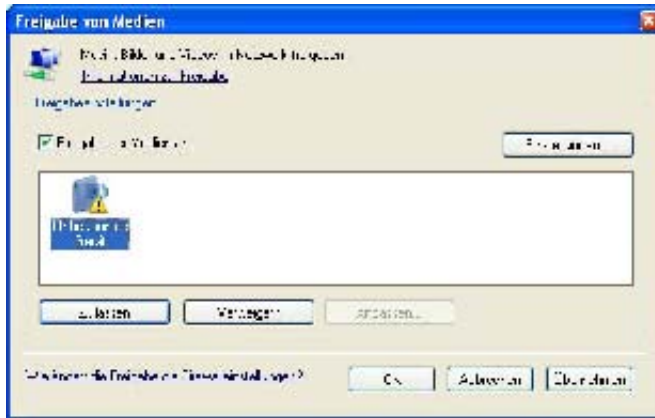
Now the device icon will change and you can perform global settings through Settings and device-specific settings about the files to be played back through Customize.
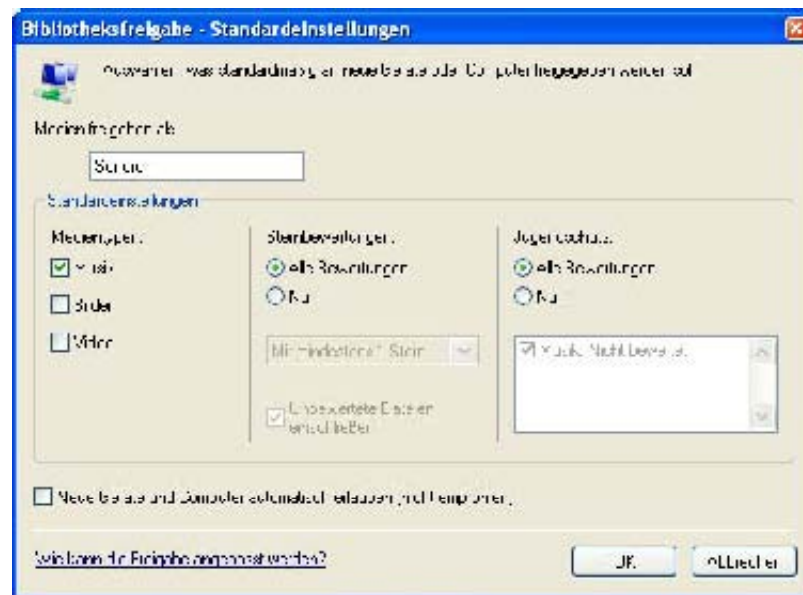
If desired, change the settings according to your preferences and confirm the entry by clicking the OK button.

This process is the same for Microsoft Windows Vista and XP. The only difference may be that the Media Player has interfaces with different appearances.

To play back files shared through Media Player, proceed as follows. Please note that the Media Player version 11 or higher is required for a successful connection.

- Select the menu item UPNP Server by pressing the menu button. The device will now begin to search for a PC with Windows Media Player sharing.
- If a PC with Windows Media Player sharing is found, the available directories will appear. Navigate to the respective folder through the buttons on the device. The following buttons are available here:
- The menu button confirms your selection
- BACK returns to the next higher directory
- The UP or DOWN button serves to navigate to the next higher or next lower menu item.
- When you have found the desired title, you can insert it into the playlist by pressing the menu button.
- The line [Add to playlist] will allow you to load the entire selected list into the memory of the device at once.

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- As soon as a title has been selected, the device begins with the playback.
- The following selected titles are added to the playlist.
- To get to the next title, press the fast forward button on the remote control.

```
                     9        8  7
 ┌───────────────────────────────────────┐
 │ iRadio    12:00  ☾🔔    ◁〕           │
 │                          ⊤85%          │
 │            Titel 123                   │
 │            01:23  192k                 │
 │            Interpret Titel             │
 │                                        │
 └───────────────────────────────────────┘
   1       2 3 4                      5 6
```
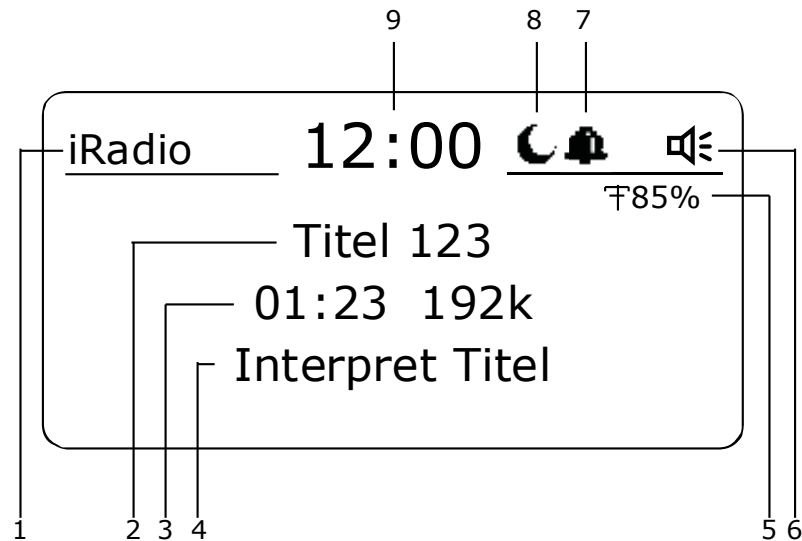
1 iRadio mode:
2 Title name
3 Playing time and encoding
4 Scrolling text with interpret and other information
5 WLAN signal strength (only shown if a WLAN connection is active)
6 Speaker symbol
7 Symbol for activated alarm function
8 Symbol for activated sleep function
9 Time display

12.4.3 Playback options

In this menu you have the option of switching the functions Repeat and Shuffle on or off. Select the desired entry with the UP or DOWN buttons and confirm your selection by pressing the menu button.

- Turning the repeat function on and off.

When accessed, a query appears about whether to turn this on. Select YES to turn on the repeat function and NO to keep it turned off.
If the function is turned on, "Turn off" will appear when this is accessed. Select YES to turn off the repeat function and NO to keep it turned on.

- Shuffle

When accessed, a query appears about whether to turn this on. Select YES to turn on the shuffle function and NO to keep it turned off.
If the function is turned on, "Turn off" will appear when this is accessed. Select YES to turn off the shuffle function and NO to keep it turned on.

12.4.4 Clearing the playback
This option deletes all of the stored playlists from the memory of the device.

12.5 Settings

In this menu you have the option of customizing the various settings of your iRadio according to your preferences.

12.5.1 Network settings

- **Show config.**

In this menu you can receive information about the currently set values.
Mode: AUTO / DHCP
WLAN MAC address
Cable MAC address
current IP address
type of cable-connected device
type of WLAN device

- **change config.**

In this menu you have the option of customizing the various network settings.

CAUTION
Only change the following settings if you know exactly what you are doing. Otherwise there is the possibility that your device will not be able to connect to a network anymore. If you make any incorrect settings, you can restore the device to the factory settings.

Auto (DHCP)
- This function enables the automatic assignment of an IP address through a DHCP server.
- Select YES to leave this function with the setting of an automatic IP assignment. Now your elements W will try to establish a connection to a network.
- Select NO for the manual entry of an IP address. Confirm your selection by pressing the menu button.
- When selecting NO, the repeated pressing of the menu button will return you to the input mask for the IP address.
- Use the UP or DOWN buttons to select the desired digit and confirm your selection by pressing the menu button. You will then reach the next digit. Continue this process until you have entered the desired IP address. The BACK button will return you to the previous digit.
- When you have successfully entered the IP address, you will be prompted to enter first the network mask and then the gateway in the same way. Confirm each of your selections by pressing the menu button.
- Next you will have the option of making a DNS server entry. After confirming the DNS server entry, you have the option of either entering another one or ending the entry.
- After the DNS server has been entered, the device will try to establish a connection with the entered data.
- If the entered data are correct, your elements W will connect to the network. If the entered data are incorrect, you will receive the corresponding error message.

Cable/WLAN

This menu item allows you to perform settings about the desired type of network connection. To confirm the selection, press the menu button.

AUTO

If this option is selected, your elements W will look for WLAN as well as LAN connections.

Cable only

The setting Cable only restricts the search to networks that are connected to the device through the network socket on the back. There is no search for WLAN networks.

WLAN only

This setting restricts the search for networks to available wireless networks.

If WLAN only is selected, the following additional menu items will also appear in the preceding menu.

Search for networks

The option Search for networks allows you to start a new search for wireless networks. To start a new search, press the menu button.

Enter name of network

This option gives you the possibility of entering the network name (SSID) of a wireless network. Select the desired symbol with the UP or DOWN buttons and confirm your selection by pressing the menu button. You can change incorrect entries by pressing the BACK button. You can see the current symbol in the top left corner below the iRadio lettering.

> **NOTE**
> The following symbols are available for the entry of a name:
> ABCDEFGHIJKLMNOPQRSTUVWXYZ
> abcdefghijklmnopqrstuvwxyz
> 0123456789<|=>+ -_!?@#$%^&*:;`´"“.,\ /[]{}()~ END
> END completes the entry of the key.
> Please observe the lower and upper cases of the lettering if needed

Complete your entry by selecting END and confirm the entry by pressing the menu button. Now the device will try to establish a connection to the entered network.

Low signal warning

This function will inform you if the signal strength of the WLAN network is no longer sufficient.

12.5.2 Version

This states the current version of the iRadio device software. By pressing the UP or DOWN buttons, you can also receive the serial number as well as the product code of the device.

12.5.3 Firmware update

This functions to update the iRadio device software. Only perform this function upon the request of customer support. Please note that you will not receive any new functions through a firmware update. An incorrectly performed firmware update can result in the destruction of the device's electronics.

12.5.4 Sprache

Serves to set the language of the device in iRadio mode. The following languages are available:

English (GB)	English (US)	Français
Espaòol	Català	Dansk
Deutsch	Dansk	Italiano
Nederlands	Portuguesa	Suomi
Svenska	Norsk	

Please note that this setting only refers to the language setting for the iRadio.

Select the desired symbol with the UP or DOWN buttons and confirm your selection by pressing the menu button.

12.5.5 Resetting the Radio (restoring the factory settings)

Restores the factory settings to the Radio. Please note that this will cause all of the settings stored in the Radio to be erased. The folder My stuff will be accessed again during the next contact with the server.

12.5.6 Registration

This downloads the registration key from the manufacturer's website. It functions to authenticate the device. You need this key to register your device on the mysonoro.com website. Your registration gives you the option of creating your own lists of radio stations, streams, podcasts… which your elements W will then store in the folder My stuff. You also need the serial number of your elements W for the registration. You can find this under the menu item Version (section 12.5.2). You can find out further information at mysonoro.com.

12.5.7 WLAN signal strength

If the device is connected to a wireless network, this shows the signal strength of the wireless network.

13. iPod playback

1. Switch on the device by briefly touching the Sonoro lettering on the front and place the iPod into the docking station.
2. Press the MODE button and select the iPod mode.

The display will show the iPod symbol. The iPod's battery is charged at the same time.
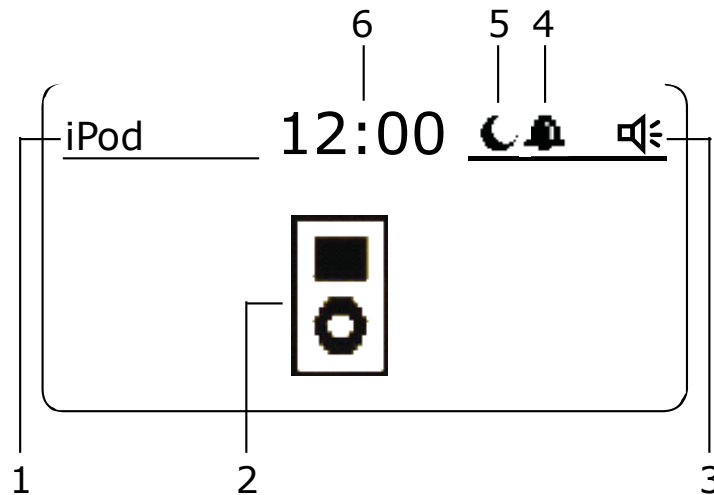
1 Mode: iPod
2 iPod symbol on the display
3 Speaker symbol
4 Alarm symbol if the alarm function is activated
5 Symbol for activated sleep function
6 Time display

NOTE
If the menu selection is accessed on the iPod, the UP and DOWN buttons function as navigation buttons.

NOTE
When the device is switched into another mode, the iPod playback is paused. When you return to the iPod mode, the playback at the most recently heard position can be continued by pressing the start/pause button.

Sie können den iPod über die Tasten des Geräts oder über die Fernbedienung bedienen. Die Tasten entsprechen hierbei den folgenden iPod-Tasten:

Function	iPod	elements W	Remote control
Open menu selection	Menu	BACK	REPLY/MENU
Switch to the next higher menu	Menu	BACK	REPLY/MENU
Switch to the previous menu entry (to the top).	Click wheel	UP	UP

Function	iPod	elements W	Remote control
Switch to the next menu entry (to the bottom).	Click wheel	DOWN	DOWN
Select menu object	Menu button	Menu button	Menu button
Start title	Menu button	Menu button	Start/pause Menu button
Play back the previous title	Back/rewind	UP	UP
Play back the next title	Advance/fast forward	DOWN	DOWN
Pause/continue playback	Start/pause	Menu button	Menu button
End playback	Start/pause		Stop

14. AUX playback

You can connect and play additional audio devices, such as MP3 players, to the sonoro elements W through the AUX connection at the back of the device.

1. Switch on the device by briefly touching the Sonoro lettering on the front.
2. Press the MODE button and select the AUX mode. The display will show the AUX symbol.
3. Switch on the external device and start the playback from the external device.

NOTE
It is not possible to operate an external device through the buttons of the sonoro elements W.

15. Troubleshooting

All electronic devices can experience errors. This does not necessarily mean that there is a defect in the device. You should therefore check the table below to see if you can remedy the error by yourself.

Error	Possible cause	Remedy
The device doesn't switch on.	The power adapter isn't properly connected	Properly connect the power adapter (see chapter "Creating the power supply")
No sound	The volume is at the minimum level	Increase the volume (see chapter "Setting the volume").
	The sound is turned off	Turn the sound back on (see chapter "Muting the playback").
	The headphones are connected.	Pull the headphones from the connector socket.
	Another mode is set	Set the correct mode (see chapter "Selecting the playback mode").
The iPod playback does not start	The iPod is not plugged in	Place the iPod into the iPod docking station at the top of the device (see chapter "iPod playback").
	The type of iPod is not supported.	Check if your iPod is compatible with the device (see chapter "Supported formats")
	The iPod does not contain any readable audio files	Check the files on your iPod (see chapter "Supported formats")
Bad FM reception quality	The transmitting output of the station is too weak for the internal antenna	Connect the external FM antenna (see chapter "Connecting the antenna").
	The switch is in the wrong position	Set the FM switch to the correct position (see chapter "Connecting the antenna").
	The FM antenna is not properly positioned	Change the position of the FM antenna.
The alarm doesn't work.	The alarm is not plugged in	Turn on the alarm (see chapter "Turning the alarm on and off").
	The alarm volume is at the minimum level	Increase the volume (see chapter "Set the alarm volume").
	The headphones are connected.	Pull the headphones from the connector socket.
No network connection is established	No network is available	Check the network cable or the WLAN function of your system

	The device is unable to find a DHCP server and/or is not assigned an IP	Set an IP address at the device or activate the DHCP server.
	A firewall or Mac filter is activated on the network	Set the respective devices or programs in such a way that access is possible. Your elements W communicates through the UDP and TCP ports 80, 554, 1755, 5000, 6000 and 7070.
No WLAN connection is established	No WLAN is available	Check the availability of your WLAN network – restart it if necessary.
	WLAN out of reach	Reduce the distance to the station or increase the transmission output.
	The key was entered incorrectly or is too short	Reenter the key as described.
	The device is set to "LAN only".	Set the device to "AUTO".
No LAN connection is established	The network connector is not plugged in	Plug the network connector into the LAN socket of the device.
	The device is set to "WLAN only"	Set the device to "AUTO".
	The network cable is defective	Replace the network cable and try again.
The desired station was not found	The currently set station is not currently transmitting	Select another station to play back.
	The station's max. amount of permissible receivers was exceeded	Select another station to play back.
	The link is no longer correct / the station no longer transmits	Ask your provider whether this station is still available.
	Data transmission of the Internet connection is too low	Check your network and contact your provider if necessary.
Remote control doesn't work or works with flaws	The distance is too large	Reduce the distance between the remote control and the device.
	The battery is empty	Replace the batteries of the remote control.
The iRadio no longer responds to input		Briefly switch the device off and on again.

16. Technische Daten

Name of device	sonoro elements W AU-4100
Dimensions (WxDxH)	approx. 210 mm x 155 mm x 120 mm
Weight	approx. 1,9 kg
Weight incl. packaging	approx. 2.7 kg
Frequency range	FM: 87.5 MHz---108.0 MHz
RF remote control	RC-4100: RC-4001 433.92 MHz
Power adapter plug: FSC power	Euro power adapter model: CFSD-24120-2000 England UK3 power adapter model: CFKD-24120-2000 US power adapter model: CFSL-24120-2000 Input: 100-240V ~ 50/60Hz 0.50A Output:: 12 V 2000 mA
VDSON POWERTECH	Euro power adapter model: VA24B-120200 US power adapter model: VA24A-120200 England UK3 power adapter model: VA24C-120200 Input: 100-240V ~ 0.7A/50 60Hz Input: 100-240 V ~ 50-60 Hz 0.7 A Output:: 12 V 2 A
Batteries for the clock	2 alkaline manganese batteries: 1.5 V, type LR06/AA (Mignon)
Batteries for the remote control	1 Lithium battery: 3 V, type CR2025 (round cell)
Power consumption in stand-by mode with 230V~ 50 Hz:	approx. 1.5 W if energy savings ON approx. 6.0 W if energy savings OFF
Max. power consumption	approx. 18 watts
Power output	approx. 7.0 W effective, THD 1 % (AUX IN, 0 dB, 1 KHz)
Connections	Headphones, AUX-IN and LINE-OUT connection: 3.5 mm jack socket, stereo 9 Pin mini DIN socket for eDock (external iPod docking) RJ-45 (LAN) connection FM antenna connection: IEC 75 Ohm 12 V 2 A, - connection: 2.1/5.5 mm socket
WLAN	IEEE 802.11b, IEEE 802.11g
WLAN key	WEP, WPA1 (TKIP), WPA2 (PSK)
Ethernet	IEEE 802.3
Streaming formats Internet radio	RTSP Real Time Streaming Protocol MMS Microsoft Media Streaming Protocol HTTP Hyper Text Transfer Protocol

Supported playback formats Media Player	WMA Windows Media Audio
	AAC MPEG4 audio
	MP3 MPEG layer 3 audio
	AIFF Audio Interchange File Format
	AU Sun Microsystems uncompressed audio format
	WAV Microsoft/IBM uncompressed audio format
	RA Real Audio RA4/5/8
	OGG

Subject to technical changes!

Declaration of conformity
Manufacturer: sonoro audio GmbH & Co. KG

We hereby declare that due to its conception, design and construction, the sonoro elements W conforms with the basic requirements of the EMC Directive 2004/108/EC, the Low Voltage Directive 2006/95/EC and the R&TTE Directive 1999/5/EC including all of the modifications valid at the time of this declaration.

$C\epsilon$

FCC Declaration of Conformity

This device complies with part 15 of the FCC regulations. The operation of this device is subject to the following two conditions:

(1) This device may not cause harmful interference; and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Radio and television interference

This device has been tested pursuant to part 15 of the FCC regulations with the limits for a Class B digital device, electromagnetic energy. These limits are designed to provide reasonable protection against harmful interference during operation in residential areas. This device generates, uses and can also radiate electromagnetic energy. If it is not installed and used in accordance with the instructions, it may cause harmful interferences with the reception of radio or TV signals. However, there is no guarantee that interference will not occur in a particular location. If this device does cause interferences with the reception of radio or television signals, which may be created by switching the devices on and off, the user is encouraged to remedy the interference through one of the following measures:

• Increase the distance between the device and the receiver.

- Connect the device to another electrical outlet so that the device and the receiver are on different branch circuits.
- Ask your dealer or an experienced radio/TV technician for help.

Any changes or modifications that were not expressly authorized by sonoro audio GmbH & Co. KG might void the user's authorization for the operation of the device.

FC

You can request the complete declaration of conformity at sonoro@aixtema.de.

FCC RF exposure warning

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operationg in conjunction with any other antenna or tansmitter.

Disposal
Device

Please consider that your device is subject to the European Directive 2002/96/EC for the reduction of electronic waste.

- Therefore please note that you are not permitted to dispose of your device in your household waste.
- You can receive information regarding the disposal of old devices at the municipal administration, the waste disposal administration and the store where you purchased this product.
- You can drop off your device free of charge at communal collection points.
- With the proper disposal of old devices you prevent environmental damage and don't damage your health.

17. Warranty

The following is applicable – without restricting your legal rights – when a guarantee claim is raised:

- Guarantee claims can only be raised within a time period of max. two years, starting with the date of purchase.
- Within this guarantee period we will remedy all defects that are based on material or manufacturing errors free of charge according to our preference, either by repairing or replacing the device.
- Please contact your specialized dealer or send the defective device along with the guarantee card and cashier's receipt to the service address. No new guarantee period is started if the device is repaired or replaced. The guarantee period of two years after the purchase date remains in effect.
- Damages caused by improper use, normal wear-and-tear and defects that only insignificantly affect the value or usability of the device are excluded from the guarantee. If there are any changes that were not performed by the service address authorized by us, the guarantee is also canceled.

elements W

Warranty card

Name

Serialnumber

Surname

Street

Zip and City

Phone

Error

email

Signature

sonoro