

Operating instructions

VIOLA 2 S

Portable DAB+/FM radio



TechniSat

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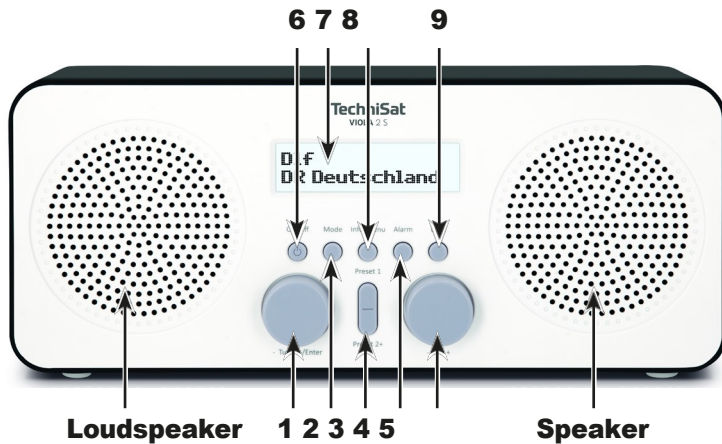
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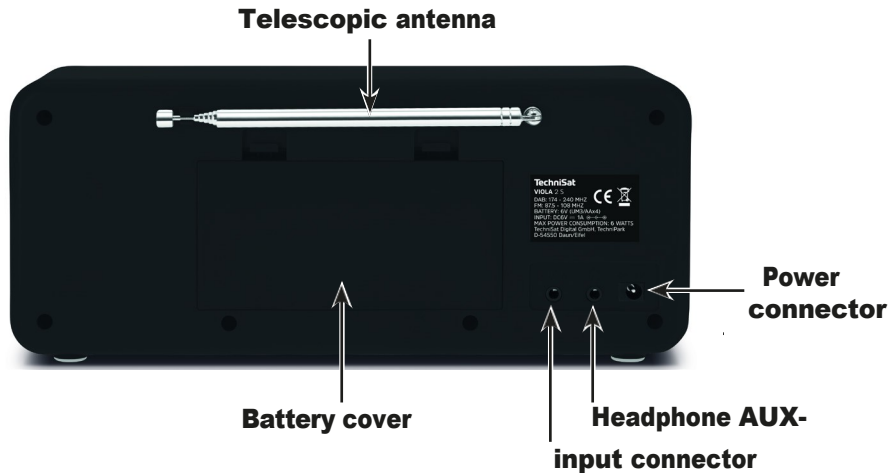
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1 Photos



- 1 Tune +/-/Enter knob** (knob: Tune +/- , Select function options / station search), (press: Enter to confirm / save functions / options).
- 2** Mode change DAB+, FM, AUX.
- 3 Preset 1** and **Preset 2+** to save/recall your favourite stations.
- 4 Alarm** to set up the alarm clock, switch the alarm clock on/off.
- 5 Vol +/-** changes volume.
- 6 On/Off** Switching the device on/off.
- 7 Display.**
- 8 Info/Menu** briefly press to toggle display information, press and hold to call up the main menu.
- 9 Back** cancel settings, go one step back/previous menu.

1.1 Rear view



2 Foreword

These instructions will help you to use your radio, hereafter referred to as DIGITRADIO or the device, safely and as intended.

2.1 Target group of instructions

The operating instructions are intended for anyone who sets up, operates, cleans or removes the unit.

2.1.1 Purpose

The device is designed for the reception of DAB+/FM radio broadcasts. The device is intended for private use and is not suitable for commercial purposes.

2.2 Important instructions

In order to minimise safety risks, avoid damage to the equipment and contribute to environmental protection, the following instructions should be observed.

Please read all safety instructions carefully and keep them for future reference. Always observe all warnings and cautions in this manual and on the back of the appliance.



Caution - Indicates an important guideline to be followed to avoid defects in the device, loss/misuse of data or unintended operation.



Note - Indicates a note about the function described, as well as a related and possibly other function, to be followed with reference to the relevant point in the manual.

221 Security

For your own protection, please read the safety instructions carefully before operating the VIOLA 2 S. The manufacturer is not liable for damage caused by improper handling and non-compliance with the safety instructions.



Never open the appliance!
Touching live parts is life-threatening!



Any necessary interventions must only be carried out by trained personnel.



The unit can only be operated in temperate climates.





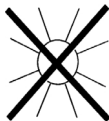
Do not switch on immediately in case of prolonged transport in cold conditions and subsequent change to warm rooms; wait for the temperature to even out.



Do not expose the appliance to dripping or splashing water. If water has entered the appliance, switch it off and call for service.



Do not expose the unit to heat sources that heat it in addition to normal use.



Unplug the unit from the power socket during a lightning storm. Overvoltage can damage the device.



In the event of a noticeable malfunction of the appliance, the appearance of odour or smoke, serious faults, damage to the housing, switch off the appliance and contact the service department.



The device can only be connected to the mains voltage printed on the power supply.



Never attempt to operate the unit at any other voltage.



Do not connect the AC adapter until the installation has been completed according to the instructions.



If the power supply is defective or if the device is damaged in any other way, it cannot be put into operation.



When disconnecting the power supply from the socket, pull the plug, not the cable



Do not operate the unit near bathtubs, swimming pools or splashing water.



Never attempt to repair a faulty unit yourself. Always contact one of our service centres.



Foreign bodies, e.g. needles, coins, etc. must not fall into the device. Do not touch the connection contacts with metal objects or fingers. This can lead to short circuits.



Do not place open flame sources such as lit candles or objects on the unit.



Never leave children unattended while using this device.



The appliance remains connected to the power supply even when it is switched off/ready. If the appliance is not going to be used for a long time, unplug the power cord from the wall socket. Only pull the plug, not the cable, and remove the batteries.



Do not listen to music or the radio at high volume. This can cause permanent damage to your hearing.



This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, unless they are supervised by, or have received instructions from, a person responsible for their safety on how to use the appliance.



Children must be supervised to ensure that they do not play with the appliance.



It is forbidden to make changes to the appliance.



Damaged devices or damaged accessories may no longer be used.

Battery handling



Make sure the batteries are out of the hands of children. Children could put the batteries in their mouths and swallow them. This can cause serious damage to health. If this happens, consult a doctor immediately! Therefore, keep the batteries out of the reach of small children.



The device may only be powered by batteries approved for this device



Normal batteries may not be recharged. Batteries must not be reactivated by other means, disassembled, heated or thrown into an open flame (danger of explosion!).



Clean the battery contacts and the device contacts before insertion.



Risk of explosion if batteries are inserted incorrectly!



Only replace batteries with the correct type and model number.



Be careful! Do not expose batteries to extreme conditions.



Do not place on radiators, do not expose to direct sunlight!



Leaking or damaged batteries can cause burns if they come into contact with the skin. In this case, use suitable protective gloves. Clean the battery compartment with a dry cloth.



If the device is not used for a long period of time, remove the batteries

222 Disposal

The appliance packaging consists exclusively of recyclable materials. Please sort them appropriately and return them to the "Dual System". This product must not be disposed of with normal household waste at the end of its useful life, but must be taken to a collection point for the recycling of electrical and electronic equipment



Symbol found on the product, in the instruction manual or on the packaging that refers to it.

Materials are recyclable according to their labelling.

By reusing, recycling or otherwise recycling old equipment, you are making an important contribution to protecting our environment.



Please contact your local administration for information on

a responsible disposal centre. Ensure that empty batteries/batteries and electronic waste are not disposed of in household waste, but are disposed of properly (return to specialised dealers, hazardous waste).



Batteries/accumulators may contain toxins that are harmful to health and the environment. Batteries/accumulators are subject to European Directive 2006/66/EC. They must not be disposed of with normal household waste.



Advice on disposal:

Disposal of packaging:

Your new device was protected by the packaging on its way to you. All materials used are environmentally friendly and recyclable.

Please help and dispose of packaging in an environmentally friendly manner, please contact your dealer or local waste disposal facility for information on current disposal methods.



Danger of suffocation! Packaging and its parts should not be left to children.
Danger of suffocation due to foil and other packaging materials.

Disposal of the device:

Old appliances are not worthless waste. Valuable raw materials can be recovered through environmentally friendly disposal. Ask your city or local government about the possibility of disposing of the appliance in an environmentally friendly and appropriate manner. Remove all batteries/accumulators before disposing of the appliance. Used equipment may have a harmful effect on the environment and human health due to its potential content of hazardous substances, mixtures and components



This appliance is labelled in accordance with Directive 2012/19/EU on

waste electrical and electronic equipment (WEEE).



When the product has reached the end of its life, it should not be disposed of with normal household waste, but taken to a collection point for the recycling of electrical and electronic equipment. This is indicated by the symbol on the product, user manual or packaging. Materials are recyclable according to their labelling. By reusing, recycling or otherwise recycling your old equipment, you are making an important contribution to protecting our environment



Important note on the disposal of batteries/accumulators:
Batteries/accumulators may contain toxins that are harmful to the environment. For this reason, it is necessary to dispose of batteries/accumulators in accordance with current legislation. Never dispose of batteries in normal household waste. Used batteries can be disposed of free of charge at your dealer or at special disposal facilities.

223 Legal information



TechniSat hereby declares that the radio system type VIOLA 2 S complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following web address:

[hGp://konf.tsat.de/?ID=22303](http://konf.tsat.de/?ID=22303)



TechniSat is not responsible for damage to the product caused by external factors, wear and tear or improper handling, unauthorised repairs, modifications or accidents.



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TechniPark

Julius-Saxler-Straße 3

D-54550 Daun/Eifel

www.technisat.de



224 Service information



This product is quality tested and has a statutory warranty period of 24 months from the date of purchase. Please keep your invoice as proof of purchase. For warranty claims, please contact the seller of the product.



Tip!

For questions and information or if you have a problem with this device, our technical hotline:

Mon. - Fri. 8:00 - 20:00
+48 71 310 41 48.

If the unit needs to be returned, please contact TechniSat customer service for an RMA service number!

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3 Setting up the device

- > Place the unit on a hard, safe and horizontal surface. Ensure good ventilation.



Attention!

- > Do not place the unit on soft surfaces such as carpets, ceilings or near curtains or wall hangings. The ventilation openings could be covered. This could interrupt the necessary air circulation. This could lead to a fire.
- > Do not place the unit near heat sources such as radiators. Avoid direct sunlight and areas with excessive dust.

- > Do not choose a location in a room with high humidity, e.g. in the kitchen or sauna, as precipitation of condensed water can damage the appliance. The unit is designed for use in a dry environment and temperate climate and must not be exposed to dripping or splashing water.
- > Please note that the feet of the appliance may leave coloured marks on some furniture surfaces. Use protection between the furniture and the appliance.
- > Keep the VIOLA 2 S away from devices that generate strong magnetic fields.
- > Do not place any heavy objects on the unit.
- > If the appliance is moved from a cold to a warm environment, moisture may condense inside the appliance. In this case, wait for about one hour before operating the appliance.
- > Route the power cable so that no one trips over it.

- > Make sure that the power cable or mains adapter is always easily accessible so that the unit can be quickly unplugged!
- > The power socket should be as close to the device as possible.
- > To connect the unit to the mains, insert the mains plug fully into the socket.
- > Use a suitable, easily accessible network connection and avoid using multiple sockets!
- > Do not touch the power plug with wet hands, danger of electric shock!
- > In the event of a malfunction or smoke and odour coming from the housing, pull the mains plug out of the socket immediately!
- > If the device is not used for a long period of time, e.g. before embarking on a long journey, the mains plug must be pulled out.
- > If the device is not used for an extended period of time, remove the batteries if necessary.

4 Description of the VIOLA 2 S

4.1 Contents of the kit

Before commissioning, check that the scope of delivery is complete: 1x VIOLA
2 S
1x power supply
1x instruction manual

4.2 Features of the VIOLA 2 S

The VIOLA 2 S consists of a DAB+/FM receiver with the following functions:

- The radio receives on FM frequencies 87.5-108 MHz (analogue) and DAB+ 174.9-239.2 MHz (digital).
- The device has a time and date display.
- Analogue audio input.
- Stereo playback
- Alarm function with 2 alarm times

43 Preparing the VIOLA 2 S radio for operation

43.1 Battery installation

- > Open the battery compartment at the back of the unit by pressing the latches on the battery compartment cover in the direction of the printed arrow. Then remove the cover.
- > Insert the 4 C-cell batteries, observing the orientation. The polarity of the batteries is stamped at the bottom of the battery compartment.
- > Replace the battery compartment cover and close it until you hear it snap into place.



Please replace weak batteries in good time.

4.3.2 Power connection

- > To do this, connect the plug of the supplied power supply unit to the socket marked DC 6V on the back of the VIOLA 2 S. Then connect the power supply to the mains.



Make sure that the operating voltage of the power supply is compatible with the local mains voltage before plugging it into a wall socket.

4.3.3 Telescopic antenna set-up

The number and quality of stations received depends on the reception conditions at the installation site. Excellent reception can be achieved with a telescopic antenna.

> Position the telescopic antenna and extend it to its full length.



Start the first search run on the window in the direction of the transmitter mast.

In bad weather, DAB+ reception may be limited.



Do not touch the telescopic antenna while the transmitter is playing. This may cause reception problems and interrupt the sound.

434 Connecting headphones

Hearing damage!

Do not listen to the radio at high volume through headphones. This can cause permanent damage to your hearing. Adjust the volume of the radio to a minimum before using headphones.



Only use headphones with 3.5 millimetre jack plugs.

- > Insert the headphone plug into the headphone socket on the back of the device. The sound is now only played through the headphones, the speaker is muted.
- > If you want to listen through the speakers again, disconnect the headphone plug from the device's headphone socket.

44 General device functions

44.1 Switching on the device

- > To ensure good DAB+/FM(FM) reception, the antenna on the rear of the unit must be fully extended. Please also refer to section 4.3.3.
- > First prepare the VIOLA 2 S for operation as described in points. 4.3.1 i 4.3.2.
- > Press the **ON/OFF** button to switch the VIOLA 2 S on.



The first time the unit is switched on, it automatically performs a full scan in DAB mode. During the search, the display shows about the progress and the number of digital radio stations found. When the station search is complete, the first DAB+ programme is played.

442 Switching off the device

In mains power mode:

- > A short press on the **On/Off** button switches the device into the Standby. The display briefly shows [Standby]. The time is shown on the display. The brightness of the standby display can be changed as described in section 9.4.

In battery mode:

- > In battery mode, pressing the **On/Off**. key puts the unit into extended standby mode. The date and time are not displayed here.

443 Volume control

- > Adjust the volume using the **Vol +/-** knob. The set volume is shown in the display by means of a bar graph. The operation of the connected headphones can also be found in section 4.3.4. To increase the volume, turn the knob to the right, to decrease the volume, turn it to the left

444 Calling up the display

- > Briefly press the **Info/Menu** button to cycle through the available display options:

In **DAB+** mode:

[Text scroll] (scroll through text with additional information that stations may provide), **[Signal strength]**, **[Programme type]**, **[Band]**, **[Frequency]**, **[Signal quality]**, **[Bit rate]**, **[Time]** and **[Date]**.

In **FM/UKW** mode (selected function marked with "*"):

[Radio text] (if broadcast), **[Programme type]** (PTY), **[Ps]** (Programme service name or station name or frequency), **[Audio information]**, **[Time]** and **[Date]**.

- > Press the **Info/Menu** button to exit the setting and return to the playback view.

4.4.5 Changing the DAB+/FM mode

- > **Using the Mode** button, you can switch between DAB+ (digital radio), FM (FM) and AUX- analogue input.

5 Menu operation

Through the menu, all functions and settings of the VIOLA 2 S can be accessed. The menu is navigated using the **Info/Menu**, **Tune +/- /Enter** buttons. The menu is divided into submenus and contains various menu items or functions that can be activated depending on the mode (DAB+, FM or AUX). To open the menu, simply press the **Info/Menu** button briefly. To switch to a submenu, first turn the **Tune +/- /Enter** knob to highlight the submenu, then press the **Tune +/- /Enter** knob to enter the submenu. An asterisk (*) indicates the current selection.



Close the menu: Press **the Info/Menu button** several times (depending on which submenu you are in) until the current radio programme is displayed again.



The settings are only saved when the **Tune +/- /Enter** knob is pressed. If the **Info/Menu** or **Back** button is pressed instead, the settings are not applied and saved.



The functions and buttons to be pressed are shown in bold in this manual. Display indications in **[square brackets]**.



Some text displays (e.g. menu items, station information) may be too long for the display. They are then displayed as scrolling text after a short time.

6 DAB+ function

6.1 What is DAB+

DAB+ is a new digital format that allows you to hear crystal clear sound without interference. Unlike traditional analogue radio stations, DAB+ broadcasts multiple stations on the same frequency. This is called a multiplex. A multiplex consists of a radio station and several service components or data services that are broadcast individually by the radio stations. More information can be found at www.emitel.pl.

6.1.1 Data compression

Digital radio uses the effects of the human ear. The human ear does not perceive sounds that are below a certain minimum volume. Data that is below the so-called quiet hearing threshold can therefore be filtered out. This is made possible by, that the digital data stream also contains the relative volume of each unit of information. Furthermore, in an audio signal, the quieter units are superimposed on the louder ones at a certain threshold value. All sound information in a piece of music that is below the so-called monitoring threshold can be

filtered from the signal to be transmitted. This leads to a reduction in the transmitted data stream with no noticeable difference in sound for the listener (HE AAC v2 method as an additional coding method for DAB+).

6.12 Audio stream

In digital radio, audio streams are continuous data streams that contain MPEG 1 Audio Layer 2 frames and thus represent acoustic information. This allows known radio programmes to be broadcast and listened to on the receiver side.

Digital radio not only provides excellent sound quality, but also additional information. This can be related to the current programme or independent of it (e.g. news, weather, traffic, directions).

62 DAB+ reception

> Press the **Mode** button until **[DAB]** appears in the display.



When DAB+ is started up for the first time, a full station scan is performed. Once the scan is complete, the first station is played in alphanumeric order.

6.2.1 Full search



The automatic full scan function scans all DAB+ Band III channels to find all broadcast stations in the coverage area.



Once the search is complete, the first station is played back in alphanumeric order.

> To perform a full scan, open the menu by holding down the **Info/Menu** button, then use the **Tune +/-** and Enter knobs to select **[Vollständiger Suchlauf]**.

> The display will show **[Suchlauf...]**.



During the search, a progress bar and the number of stations found are displayed.



If no station is found, check the telescopic antenna and change the installation location if necessary (section 4.3.3 / 2.2.1).

6.2.2 Station selection

> To select a DAB+ station, turn the **Tune +/-** knob and confirm the station selection with the **Enter** button.

6.2.3 Storing a DAB+ programme in the list



Up to 20 stations can be stored in the programme memory in the DAB+ area.

> First select the desired station (see section 6.2.2).

> To store this station in a preset, press and hold **Preset 2+** during playback. Then, using the **TUNE** knob

- +/- select the preset station (1...20). Press **Enter** to save.
- > Repeat this procedure to store additional stations.
- > Press and hold **Preset 1** to store the station directly.

624 Calling up a DAB+ programme from the list


- > To recall a station that has previously been stored in the Favourites memory, **briefly** press **Preset 2+** and select the station memory (1...20) with the **Tune +/-** knob. Press **Enter** to play back the station.



If no station is stored on the selected programme position, the display shows **[(leer)]**.

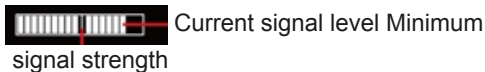
- > Briefly press **Preset 1** to play the station stored on it.


6.2.5 Overwrite/delete DAB+ programme from the list

- > Simply save the new station to your favourite memory location as described. 
All memory locations are deleted when the factory settings are recalled.

6.2.6 Signal level

- > Briefly press the Info/Menu button several times until the display shows the signal strength as a bar graph.



-  Transmitters whose signal strength is less than the required minimum signal strength will not send an adequate signal. If necessary, adjust the telescopic antenna as described in section 4.3.3.

627 Manual settings

This menu item is used to check the reception channels and can be used to set the antenna

- > Hold down the **Info/Menu** button and use the **Tune +/-** knob to select the **[Manuell einstellen]** and press the **Enter** button.
- > Use the **Tune +/-** knob and **Enter** to select a channel (5A to 13F) The display will now show the signal strength. If a DAB+ station is received on the channel, the multiplex name of the station is displayed.



Transmitters whose signal strength is less than the required minimum signal strength will not send an adequate signal.

6.2.8 Volume level matching (DRC)

The volume control is used to set the compression level, which compensates for dynamic fluctuations and associated volume changes.

- > Hold down the **Info/Menu** button and use the **Tune +/-** knob to select the **[Lautstärkeanpassung]** and press the **Enter** button.
- > Use **Tune +/-** to select the degree of compression:
 - DRC hoch** -High compression
 - DRC tief -** Low compression
 - DRC aus** -Compression disabled.
- > Confirm the change with the **Enter** button.


6.2.9 Deletion of inactive stations

This menu item is used to remove old and no longer received stations from the station list.

- > Hold down the **Info/Menu** button and use **Tune +/-** to select the **[Inaktive Sender löschen]**.
 - > Press the **Enter** button.
- You will be asked **[Löschen?]** if you want to delete inactive stations.
- > Use the **Tune +/-** knob to select **[I]** and confirm by pressing **Enter**.

7 FM (UKW) mode

7.1 Activation of FM (UKW) mode

- > Switch to FM mode by pressing the **Mode** button.
 - > The display will show **[FM]**.
-  The 87.5 MHz frequency is set when the device is first switched on.



If you have already tuned in or saved a station, the radio will play the last station you tuned in.



In the case of RDS broadcasting, the station name will appear.



To improve reception, adjust the telescopic antenna (section 4.3.3). FM (UKW) so that reception is compatible with RDS information.

RDS is a method of broadcasting additional information via FM transmitters. Broadcasters with RDS transmit, for example, the name of their station or the type of programme. This is shown on the display. The unit can display RDS information RT (radio text), PS (station name), PTY (programme type).

7.2 Automatic search

- > Press and hold the **Tune +/-/Enter** button for 2 to 3 seconds to automatically search for the next station with a suitable signal.




If an FM station with a sufficiently strong signal is found, the search stops and the station is played. If an RDS station is received, the station name and, if applicable, the radio text are displayed.



To tune into weaker stations, use the manual station search.

7.3 Manual search

> Turn the **Tune +/-** knob to tune to the desired station or frequency.  The display shows the frequency in 0.05 MHz increments.

7.4 Search settings

In this menu item, the sensitivity of the search run can be set.

- > Hold down the **Info/Menu** button and use **Tune +/-** to select the **[Suchlauf-Einstellungen]**. Press the **Enter** button.
- > Select whether you want to stop the search only on strong stations **[Nur kräftige Sender]** or on all stations (including weak stations) **[Alle Sender]**.



When set to **Alle Sender**, the automatic search stops at every available station. This may cause weak stations to be played with interference. The menu item **[Nur kräftige Sender]** (Strong stations only) is programmed during initial commissioning and after factory settings. This is the default mode.

- > Press **Enter** to save the setting.

7.5 Audio settings

- > Hold down the **Info/Menu** button and select **[Audio-Einstellung]** by rotating the **Tune +/-** option.
- > Press the **Enter** button.
- > Turn the **Tune +/-** button to select **[Stereo möglich]** or **[Nur Mono]** to play stereo or mono when FM reception is poor.
- > Confirm by pressing the **Enter** button.

7.6 Saving an FM programme in the list



- Up to 20 stations in the FM/UHF range can be stored in the programme memory.
- > First set the desired station frequency (Section 7.2, 7.3)
 - > To store this station in a memory location, press and hold **Preset 2+** during playback. Then use the **TUNE +/-** knob to select the preset station (1...20). Press **Enter to save**.
 - > Repeat this procedure to store additional stations.

- > Press and hold **Preset 1** to store the station directly.

7.7 Calling an FM programme from the list

- > To recall a station that has previously been stored in the Favourites memory, briefly press **Preset 2+** and select a station memory (1...20) with the **Tune +/-** setting knob. Press **Enter** to play back the station.



If no station is stored at the selected programme position, **[(leer)]** appears in the display.

- > Press **Preset 1** briefly to play the station stored on it.

7.8 Overwriting/deleting a programme from the list

- > Simply save the new station to the appropriate memory location as described.



When the factory settings are recalled, all memory locations are deleted.

8 External AUX input

To play audio from an external audio device, such as a smartphone, on the VIOLA 2 S, connect it to the AUX-IN connector using a jack-jack cable (3.5 mm). The cable is not included in the scope of supply.

- > Press the **Mode** button until **[AUX]** appears in the display. You can then control the audio playback on the external device.

9 System settings

All settings explained in this chapter apply equally to DAB+, FM(FM) or AUX operation. To access the system settings, press and hold the **Info/Menu** button to open the menu, then rotate the **Tune +/-** button to select **[System]**. Press **Enter to open the** system settings menu.

For all settings listed in this chapter, you must first enter the **System** submenu.

9.1 Sleep timer


A timer allows the VIOLA 2 S to automatically switch to standby after a preset time.

- > Select **[Sleep]** in the **System** submenu by rotating **Tune +/-** and press **Enter**.
- > Using **Tune +/-**, **it is** possible to set in steps of Sleep aus (timer off), 15, 30, 45, 60, 90 minutes the period of time after which the unit switches to standby in each operating mode.

-  If you call up this menu item again after activating the sleep function, the time that is still available is then displayed.
- > Select **Menu > System > Sleep > Aus** to disable the sleep timer.

92 Equalizer

- > To adjust the sound of the VIOLA 2 S, the equalizer is available with a setting of **Normal, Classic, Rock, Pop, Speech, Jazz and MyEQ**.
- > Via **Menu > System > Equalizer, the** equalizer settings can be called up.
- > Select the desired equalizer setting with **Tune +/-** and press **Enter**.

-  * indicates the current selection/setting.

921 MeinEQ

Select My Equalizer to adjust the bass and treble.

- > Change the value with **Tune +/-**. Then press the **Enter** button to save.

9.3 Time and date settings

9.3.1 Manual date and time setting

- > Depending on the time update setting (section 9.3.2), the time and date must be set manually.
- > Select **[Uhrzeit]** with **Tune + /-** and press **Enter**.
- > Select **[Zeit/Datum einstellen]** with **Tune + /-** and press **Enter**.
 - > The first digits of the date will flash and can be changed using **Tune + /-**.

Turning to the right increases the value, turning to the left decreases the value.

- > Press **Enter** to accept the setting.
- > Subsequent digits then flash and can also be changed as described above.
- > Press **Enter** after each additional setting to move to the next setting.

- > After all settings have been made and the **Enter** key has been pressed for the last time, the display will show **[Uhrzeit Gespeichert]**.

9.3.2 Time update

In this submenu, you can specify whether the time update should be carried out automatically by DAB+ or FM (UKW), or whether it should be entered manually (section 9.3.1).

- > Select [Uhrzeit] with **Tune + /-** and press **Enter**.
- > Select [Autom. Update] with **Tune + /-** and press **Enter**.
- > Select the following options using the **Tune + /-** knob and **Enter**:

[Update alle] (Update via DAB+ or FM).

[Update von DAB] (Update only via DAB+)

[Update von FM] (Update only via UKW)

[Kein Update] (Time/date must be entered manually, see section 9.3.1.).

9.3.3 Setting the time format

In the **12/24Std** submenu, the 12- or 24-hour format can be activated.

- > In the submenu **System > Uhrzeit**, select [Set 12/24 hours].
- > Press the **Enter** key.
- > Use **Tune + /-** to select one of the following options:
 - [24 Std. einstellen]** (set 24).
 - [12 Std. einstellen]** (set 12).
- > Press **Enter** to apply.

9.3.4 Setting the date format

- > In the submenu **Datumsformat einst.** (Date format setting), the date display format can be set.
- > Select **[Datumsformat einst.]** from the submenu **System > Uhrzeit.**
- > Press the **Enter** key.
- > Select one of the following options using the **Tune + /-** buttons:
 - [DD-MM-JJJ]** (day, month, year)
 - [MM-DD-JJJ]** (Month, day, year)
- > Press **Enter** to apply.

94 Display brightness

The brightness of the display can be adjusted for both operating and standby modes.

- > Using the **Tune + /-** knob, select [Beleuchtung] and press **Enter**.
- > Use the **Tune + /-** knob and then press **Enter** to select one of the following functions:

[Betrieb] controls the brightness in normal, on mode. The following brightness levels can be selected: **[Hoch]**(High), **[MiUel]**(Medium) and **[Niedrig]**(Low). Select the brightness level with **Tune + /-** and press **Enter** to save.

[Standby] controls the brightness in standby mode (AC power only). You can also select one of the options: **[Hoch]**(High), **[MiUel]**(Medium) and **[Niedrig]**(Low). Use the **Tune + /-** buttons to select the brightness level and press **Enter** to save.

[Auto-Dimm] automatically dims the display to a low brightness level after the set operating time has elapsed without using the radio.

9.5 Language

- > Select **System > Language** in the submenu and press **Enter**.
- > Select one of the available languages with **Tune + /-** and confirm your choice by pressing **Enter**.

9.6 Factory settings

If you change the location of the device, e.g. if you move house, you may not be able to receive the stored stations. In this case, restoring the factory default settings allows you to delete all stored stations and then start a new station scan.

- > Select **System > Werkseinstellung** in the submenu and press **Enter**.
- > Using **Tune + /-**, select **[Ja]** to make the factory defaults and press **Enter**.

All previously stored stations and settings will be deleted. The unit is now in the factory default setting.

- > The display will show **[Neustart...]**. After restarting, the digital radio will automatically perform a full scan in DAB mode. During the search, the display shows the progress and number of digital radio stations found. When the station search is complete, the first DAB+ programme is played....

9.7 Software version

Under SW version, you can check the currently installed SW version.


- > Select **System > Software-Version** in the submenu and press **Enter**.
- > The current version of SW is displayed.

10 Alarm clock

The VIOLA 2 S has an alarm function with two configurable wake-up times. Please note that the alarm clock is only active and configurable when the VIOLA 2 S is connected to the mains. In battery operation, the alarm function is disabled.

10.1 Setting the alarm clock

As an example, we will now explain how to set an alarm clock using Alarm Clock 1.

- > Connect the VIOLA 2 S with the power supply to the mains and switch it on.
- > Press **Alarm [Wecker 1 Einrichten]** is shown on the display.  **Press the Alarm** button twice to set up **Alarm 2**.
- > Press **Enter**.
- > The alarm time is now flashing. Set the alarm time using the **Tune +/-** knob. Press **Enter** after each set value to accept it. This will take you to the next setting.
- > After setting the alarm time, select the duration and press **Enter**.
- > Now select the source of the alarm sound. You can choose between DAB, FM and Buzzer.



If DAB or FM is selected, the next step is to select a station from the favourites list or the most recently selected station. Press Enter to accept this

setting.

> Next, select how often you want the alarm to be repeated. You can choose between **Einmal** (Once), **Taglich** (Daily), **Werktags** (Monday to Friday) or **Wochenende** (Saturday and Sunday). Press **Enter** to accept the setting.



If [Einmal] is selected, you can set a date on which the alarm clock is to be active only once.

> Now select the volume of the alarm signal with the **Vol+/-** knob, then press **Enter** to save.

> Finally, activate the alarm [Ein] and press **Enter** to save the alarm setting.



The alarm clock is active if **[Ein]** was set in the last setup step.

In standby mode, a bell symbol appears on the display. In the setting **[Aus]** the alarm clock is not active at the set time and is switched off.



In standby mode, press the **Alarm** button several times to display the various On and Off alarm clock combinations.

10.2 Switching off the alarm clock and alarm

> Press the **On/Off** or **Alarm** button to switch off the alarm.



The display will show **[Alarm aus]** and the alarm icon will remain on when **Täglich** (Daily), **Wochenende** (Saturday, Sunday) or **Werktage** (Working days) is set for alarm repetition.

10.3 Snooze function

When the alarm signal is active, press **Enter** to activate the snooze function.



The snooze time can be extended by pressing the corresponding button several times.

11 Cleaning



To avoid the risk of electric shock, do not clean the appliance with a wet cloth or under running water. Before cleaning, pull the mains plug and switch off the unit!



Do not use sponges, cleaning powders or solvents such as alcohol or petrol.



Do not use any of the following: salt water, insecticides, chlorine or acidic solvents (ammonia).



Clean the housing with a soft cloth dampened with water. Do not use spirits, thinners, etc.; they may damage the surface of the unit.



Clean the display only with a soft cotton cloth. If necessary, use a cotton cloth with small amounts of a water-based or alcohol-based, alkali-free soap solution.



Rub the surface gently with a cotton cloth.

12 Problem solving

If the device is not operating as intended, check it using the table below.

Symptom	Possible cause/solution
The device does not switch on.	The device is not powered. Connect the AC adapter correctly to the socket and to the device. Use new batteries.
No sound can be heard.	Turn up the volume.
The display does not turn on.	Disconnect the unit from the mains / briefly remove the batteries and reconnect the power supply.
Poor reception via FM/DAB+.	Fully extend the antenna. Reposition the antenna or VIOLA 2 S
The device cannot be operated.	Disconnect the unit from the power supply/shortly remove the batteries and reconnect the power supply.

Symptom	Possible cause/solution
Display backlight flickers	Battery voltage too low. Replace batteries or connect mains adapter.

If the fault still cannot be rectified after carrying out the checks described, contact the customer service.

13 Technical data

Reception sources	DAB/DAB+, FM
Power supply	AC input: 100-240V, 50/60Hz, 0.3A max. DC Output: 6V, 1A Batteries: 4 x C/LR14 (not included)
Operating temperature	0 - 45°C
Received frequencies	FM/UKW: 87.5-108MHz DAB/DAB+: 174-240MHz
Audio output power	2x 2W RMS
Weight	656g (without battery)
Dimensions (LxDxW)	250mm x 71mm x 105mm

14 Notes

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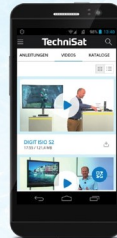
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