

# TELESTAR®

## TOP 100



**user manual**

Bedienungsanleitung · User manual  
Manuel d'utilisation · Manuale d'uso  
Manual de usuario · Handleiding · Příručka  
Instrukcja obsługi · Használati útmutató  
Manual de utilizare · Brukermanual · Användarmanual  
Käyttöohje · Brugervejledning · Návod na použitie  
Manual do utilizador · Ръководство за употреба  
Navodila za uporabo · Upute za uporabu  
Εγχειρίδιο χρήσης · Kasutusjuhend  
Lietošanas pamācība · Naudojimo vadovas



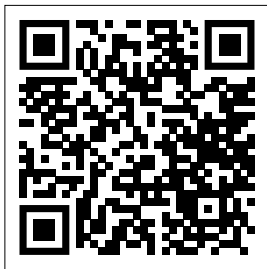
Manual



Languages



Scan me!



<https://www.telestar.de/support/dl/>

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## 1. Safety instructions

### **General safety**

Read these instructions before using the device for the first time and keep them in a safe place. Do not leave the device unattended near children. Only use it as intended.

### **Power supply & battery**

Only use the charger supplied or recommended. Do not charge the battery in a damp or hot environment. Do not expose it to direct sunlight or temperatures above 50°C. Do not open or damage the battery – risk of fire and explosion! Do not continue to use the device if the battery is damaged or swollen. Dispose of batteries in an environmentally friendly manner in accordance with local regulations.

### **Operation & Environment**

Only use the device in dry indoor areas. Keep it away from water, moisture and heat sources. Do not cover it to prevent overheating.

### **Radio connections & interference**

DAB+/FM reception may be disrupted by obstacles or other electronic devices. Do not use the radio near medical equipment if interference occurs.

### **Cleaning & maintenance**

Disconnect all cables before cleaning. Use a dry, soft cloth – do not use cleaning agents or water. Repairs may only be carried out by qualified personnel.

## 1. Safety instructions

### **Disposal**

This device contains a rechargeable battery and must not be disposed of with household waste. Dispose of the device and battery in accordance with local regulations for waste electrical equipment.

### **Battery – explosion hazard**

Risk of explosion if the battery is replaced incorrectly. Only use the same or an equivalent battery type. Dispose of batteries in an environmentally friendly manner in accordance with local regulations.

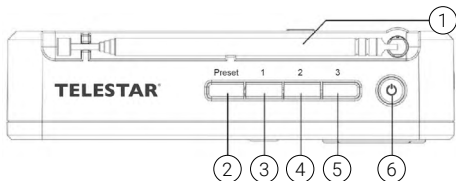
### **RF exposure**

This device complies with the requirements for limiting RF exposure. Maintain a minimum distance of 20 mm between the user and the antenna during operation.

## 2. Delivery

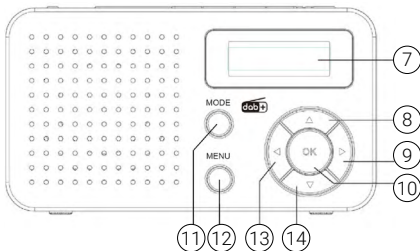
- 1x TELESTAR TOP 100
- 1x battery (type BL-5C)
- 1x USB-C charging cable
- 1x user manual

### 3. Overview and connections



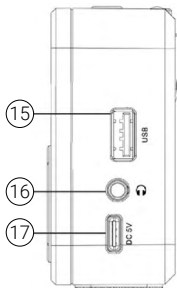
1. Telescopic antenna
2. Calls up the favourites list / saves a station
3. Station memory 1
4. Station memory 2
5. Station memory 3
6. Switching the device on/off

### 3. Overview and connections



7. Display
8. Navigate up in the menu / next station
9. Increase volume / navigate right
10. Confirm an entry or selection
11. Switch between FM / DAB+ / USB / Bluetooth modes
12. Call up the device menu
13. Decrease volume / navigate left
14. Navigate down in the menu / previous station

### 3. Overview and connections

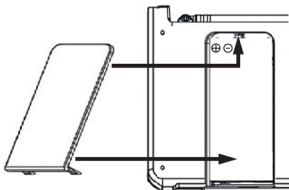


- 15. USB-A port: For connecting a USB data carrier with music files for playback on the device or for performing software updates.
- 16. Headphone jack: When headphones are connected, the integrated speaker is automatically muted.
- 17. USB-C port: For connecting the supplied USB charging cable to supply power or charge the battery.

## 4. Initial commissioning

### 4.1 Charging the device

Open the battery compartment, insert the battery and close the battery compartment again.



Improper use of batteries may result in explosion. Always ensure correct polarity. Connect the device to a USB power source (e.g. PC, USB power supply or notebook) using the USB charging cable provided. Charging will start automatically as soon as power is supplied. The remaining charging time is displayed in standby mode. Before using the device for the first time, we recommend charging it fully for about two hours. Pull the receiving antenna out completely before switching on the device.

## **4. Initial commissioning**

### **4.2 Switching on/off**

Press the -button to switch the radio on and off.

### **4.3 Menu operation**

The menu is divided into two sections: the submenu for the currently selected source with the available functions, and the system menu for device-specific settings. To go back one step in the menus or settings, press the MENU button.

Open menu: Press the MENU button.

Close menu: Press the MENU button several times if necessary.

### **4.4 Language**

When you switch on the radio for the first time, you must first select the menu language.

There are five languages available: German, English, French, Italian and Dutch.

For more information on language settings, see section 6.5.

## 4. Initial commissioning

### 4.5 Auto DAB station search after initial start-up

After selecting the language, the radio automatically starts a station search in DAB reception mode.

All stations found are stored in the DAB+ station list.

Once the search is complete, the first station is shown on the display and played.

### 4.6 Display Information

The display shows you the following information:



## 5. Operation

### 5.1 Radio station selection

- Press the MODE button repeatedly until DAB mode or FM radio mode is activated (check the display).
- Use the ▲▼ buttons to select a radio station found during DAB+ or FM scanning.
- Press ▲ to select the previous station.
- Press ▼ to select the next station.

### 5.2 Volume

You can increase or decrease the volume using the volume buttons ◀▶.

### 5.3 Change of reception type

To switch between DAB+ and FM reception modes, press the MODE button repeatedly until the desired mode is shown on the display.



## 5. Operation

### 5.4 Auto FM station search after initial start-up

If no stations are stored in the FM station list, the radio automatically starts a station search. All receivable FM stations are stored in the station list. Once the search is complete, the first station is shown on the display and played.

### 5.5 Create a favourites list

You can save radio stations in a favourites list in both analogue FM reception and digital DAB+ mode.

- Select the station you wish to save using the navigation buttons ▲▼.  
Press the PRESET button. The favourites list appears.



> 1  
2  
3

## 5. Operation

- Use the navigation buttons to select a memory location where you would like to save the station.



1  
> 2  
3

- Press and hold the PRESET button for 2 seconds.



1  
> 2 bigFM  
3

- The programme is now saved.

### 5.6 Calling up favourite stations

To access a favourite station, press the PRESET button while the radio is playing. Use the ▲▼ navigation buttons to select the desired programme slot and confirm your selection with the OK button.

**Hinweis:** Radio stations stored in programme memory locations 1–3 can be accessed directly using the 1, 2 and 3 buttons on the top of the radio.

## 5. Operation

### 5.7 Calling up radio information

Press the OK button during operation. To call up further information, press the OK button again. Depending on the channel, different information is displayed, e.g. channel name, frequency, bit rate, genre, artist or programme content.

### 5.8 USB mode

In USB mode, you can play music tracks (MP3/WAV) from a connected USB storage device. Insert a USB stick into the USB socket (15). USB sticks with a maximum capacity of 32 GB are supported.

Press the MODE button repeatedly until [MEDIA PLAYER] appears on the display. The device then searches the connected USB data carrier for available music tracks and automatically starts playing the first file.

**Note:** USB playback mode is only activated and displayed in the menu when a USB stick with playable music files is inserted.

## 5. Operation

### 5.8.1 Pausing music from a USB storage device

- To do this, press the OK button. Music playback will pause.
- To start playback, press the OK button again.

### 5.8.2 Selecting tracks from a USB storage device

- Select the next track using the navigation button ▲.
- Select the previous track using the navigation button ▼.

### 5.9 Bluetooth operation

In Bluetooth® mode, you can play music from a connected smartphone or tablet via the radio. To do this, both devices must first be „paired“ with each other.

## 5. Operation

### 5.9.1 Switching on Bluetooth® operation

Press the MODE button until [Bluetooth] appears on the display. When switching on for the first time, an external device (e.g. smartphone or tablet) must first be paired. If a device has already been paired and is within range, the connection will be established automatically. Depending on the connected device, music playback may start automatically.

### 5.9.2 Pairing an external device

To pair an external device (e.g. smartphone or tablet) with the digital radio:

- Start Bluetooth® mode as described in section 5.9.1. The display will show [TOP 100] [No BT connection].
- Now start searching for nearby Bluetooth® devices on your external device. You may need to activate the Bluetooth® function first. Please refer to the operating instructions for your device to find out how to activate the Bluetooth® function and perform a search.

## 5. Operation

- The entry [TOP 100] should now appear in the list of Bluetooth® devices found.  
Tap on it to complete the pairing process.

If the pairing process was successful, the name of the connected device will be shown in the bottom line of the display.

Depending on the Bluetooth® protocol of the connected device, music playback can be controlled using the playback buttons on the digital radio.

Play/Pause	= OK button
Next title	= ▲ button
Previous title	= ▼ button
Volume	= ◀▶ buttons

### 5.9.3 Disconnecting the device

To disconnect an actively paired device, press the MENU button. Use the ▲▼ buttons to select the [Disconnect BT] line and confirm with the OK button. You can then pair a new device as described in section 5.9.2.

## 5. Operation

Alternatively, you can also unpair the device on your external device. Please refer to the instructions in the operating manual for your device.

### 5.10 Using headphones



- Do not listen to the radio at high volume through headphones – this can cause permanent hearing damage.  
Before connecting the headphones, set the volume to a minimum.  
Only use headphones with a 3.5 mm jack plug.

Insert the headphone plug into the headphone jack (16) on the side of the device. Sound will now be played exclusively through the headphones; the speaker will be automatically muted. If you want to listen through the speaker again, remove the headphone plug from the device's headphone jack.

## 6. System settings

All system settings are listed in the [System] submenu.

- Press the MENU button and use the ▲▼ buttons to select [System].
- Press the OK button.

This procedure is assumed for the settings described below.

### 6.1 Time / Date

In this menu, you can make changes to the time and date display.

#### 6.1.1 Time

Depending on the setting of the „Auto Update“ function (section 6.1.2), you may need to set the time and date manually.

- In the [Time/Date] submenu, use the ▲▼ buttons to select [Time/Date Settings]. Press the OK button.
- The first digits (hours) of the time flash and can be changed using the ▲▼ buttons.
- Press the OK button to accept the setting. The next

## 6. System settings

digits (minutes) of the time then flash and can also be changed as described above.

- Proceed as described above for the date.

Once all settings have been made and the OK button has been pressed, the device returns to the time menu.

### 6.1.2 Autom. Update

In this submenu, you can specify whether the time should be updated automatically via DAB+ or FM, or whether you want to enter it manually.

- In the [Time/Date] submenu, use the pq buttons to select [Auto. Update].
- Press the OK button.
- Use the pq buttons to select the following options:
  - [No update] (time/date must be entered manually, see section 6.1.1).
  - [Update all] (update via DAB+ and FM radio)
  - [Update from DAB] (update via DAB+ radio only)
  - [Update from FM] (update via FM radio only)
- Press the OK button to save the setting.

## 6. System settings

### 6.1.3 Setting the 12/24-hour time format

In the Set 12/24 hrs submenu, you can activate the 12 or 24-hour format.

- In the [Time] submenu, use the ▲▼ buttons to select [Set 12/24 hrs]. Press the OK button.
- Use ▲▼ to select [24 hrs] or [12 hrs].
- Press the OK button to save.

### 6.1.4 Setting the date format

In this menu, select how you want the current date to be displayed. You can choose between:  
Day-Month-Year [DD-MM-YYYY] or  
Month-Day-Year [MM-DD-YYYY].

## 6.2 Sleeptimer

Here you can set 15, 30, 45, 60 or 90 minutes as the switch-off time for the radio. After the selected time has elapsed, the radio switches off automatically.

Select the desired switch-off time in the submenu (Sleep Timer) and confirm with OK. The sleep timer can be deactivated again at any time.

## 6. System settings

### 6.3 Alarm clock

The device can be used as a radio alarm clock. Up to five alarm times can be set in this menu item.

To set an alarm:

1. Select one of the five available alarms from the „Alarm clock“ submenu and confirm with OK.
2. In the first line, you can switch the alarm clock on or off. Press OK, select „On“ or „Off“ using the Up/Down buttons and confirm again with OK.  
In the „Frequency“ line, you can set the repeat intervals. You can specify whether the alarm should be activated once, daily, only on weekends or only on weekdays.
3. In the „Alarm time“ line, set the desired time. Select „Alarm time“ with the OK button; the hour display will flash. Set the hour using the Up/Down buttons and confirm with OK. The minute display will then flash – set this as well and confirm again with OK.

## 6. System settings

- In the „Source“ line, you can choose how you want to be woken up:  
with a signal tone (buzzer) or a DAB+ or FM radio station. Use the Up/Down buttons to select „Buzzer“, „DAB“ or „FM“ and confirm with OK.
- In the „Volume“ line, you can set the alarm volume. Press OK to open the volume menu, use the Up/Down buttons to select the desired volume and confirm with OK.

### **6.4 Adjusting the display lighting**

To save energy and battery power, you can adjust the dimming time and brightness of the backlight. Available dimming times: Permanently on, or 15, 30 or 60 seconds.

- In the [Lighting] submenu, use the ▲▼ buttons to select [Operation] and confirm with OK.
- Use the ◀▶ buttons to adjust the brightness of the display lighting for the time during which the device is being operated.

## 6. System settings

- In the [Lighting] submenu, select the [Standby] option and confirm with OK. Use the buttons to adjust the brightness of the display lighting for the period after the set duration has elapsed.
- In the [Lighting] submenu, select the [Display timeout] option and confirm with OK.
- Use the buttons to set the duration after which the display automatically dims. Select [never] if you want the display to remain illuminated at all times.

### 6.5 Language

In this menu, you can set the menu language of the device. There are 5 languages available:

- Use the ▲▼ buttons in the [Lighting] submenu to select the desired language.  
Press the OK button to confirm your selection.

## 6. System settings

### 6.6 EQ setting

In this menu, you can select specific sound presets.

- In the [System] submenu, use the ▲▼ buttons to select [EQ setting] and confirm with OK.
- Select the desired sound preset and confirm with OK.

### 6.7 Factory setting

If you change the location of the device, e.g. when moving house or travelling, it may no longer be possible to receive the stored channels. In this case, you can reset the device to its factory settings to delete all stored channels and then start a new channel search.

- In the [System] submenu, use the ▲▼ buttons to select [Factory settings] and press the OK button.
- Then use the ◀▶ buttons to select [Yes] to execute the factory settings and confirm with OK.

## 6. System settings

**IMPORTANT:** All previously stored channels and settings will be deleted. The device will now be restored to its factory settings.

### 6.8 SW-Version

In this menu item, you can view information about the firmware version installed on the device. In the [System] submenu, use the ▲▼ buttons to select the [SW version] entry and confirm with OK.

## 7. Troubleshooting

Symptom	Possible causes
The device cannot be switched on.	The device is not receiving power. Connect the power supply correctly to the power outlet and to the device. The battery should be charged.
There is no sound to be heard.	Turn up the volume.
The display does not switch on	Disconnect the device from the mains/briefly remove the battery and then reconnect the device to the power supply.
Reception via DAB+/FM is poor.	Extend the aerial fully. Change the position of the aerial or the radio.
Poor audio quality when playing music.	File with low bit rate. Check the audio file. Tip: For MP3 files, the bit rate should be 192 Kbit/s or higher.
Poor Bluetooth® connection.	The maximum range via Bluetooth® is 10 metres and should not be exceeded.
USB storage device not recognised.	Ensure that the USB drive is formatted as FAT32 or NTFS.

## 8. Storage



When not in use, disconnect the radio from the power supply and store it in a dry place protected from dust. Remove the battery from the device if it will not be used for an extended period of time.

## 9. Specifications

- Reception modes: DAB/DAB+, FM
- Frequencies FM: 87.5–108 MHz
- DAB/DAB+: Band III 174–240 MHz
- Output power: 3 W RMS
- USB port: MP3/WAV playback, max. 32 GB
- Bluetooth® version: 5.4
- Bluetooth® profiles: a2dp\avctp\avdtp\avrcp\hfp\spp\ smp\ att\gap\gatt\rfcomm\sdp\l2cap
- Bluetooth® frequency range: 2.402 - 2.480 GHz
- Bluetooth® transmission power: max. +9 dBm (EIRP)
- Bluetooth® modulation: GFSK,  $\pi/4$ -DQPSK
- Charging current DC input: 5V / 2A via USB-C
- Battery: 3.7 V 1050 mAh Li-Ion
- Dimensions: 128 x 72 x 32 mm (W/H/D)
- Weight: 212 g (including battery)

## Legal notices

### Conformity information

Telestar GmbH hereby declares that the following devices comply with the essential requirements and other relevant provisions of the directives:

- 2014/53/EU (RED)
- 2014/35/EU (LVD)
- 2014/30/EU (EMV)
- 2011/65/EU + 2015/863/EU (RoHS)
- 1907/2006 (REACH)

### Telestar TOP 100 (Art.-No. 5700100)

The full declaration of conformity is available from Telestar GmbH and can be accessed online at:  
[www.telestar.de/support/dl](http://www.telestar.de/support/dl)



## Legal notices

### Disclaimer

This operating manual has been compiled with the utmost care. Nevertheless, we accept no liability for any errors, misprints or incorrect information. Subject to changes and technical developments. Use at your own risk.

### Symbols and notes



Old appliances must not be disposed of with household waste. You are legally obliged to hand in old electrical and electronic appliances to municipal collection points. Batteries and rechargeable batteries must be removed before disposal and disposed of properly.

**WEEE-Reg.-Nr.: DE49015927**



The packaging for this product is made from environmentally friendly materials that can be recycled. Please dispose of packaging and filling materials in accordance with local waste separation regulations.

## Legal notices



### **Note on battery disposal**

This device contains a lithium-ion rechargeable battery. Rechargeable batteries and batteries must not be disposed of with household waste. Consumers are legally obliged to return used rechargeable and non-rechargeable batteries to a suitable collection point or retailer. Rechargeable batteries that contain harmful substances are marked with the symbol of a crossed-out wheeled bin and, where applicable, with the chemical symbols Pb (lead), Cd (cadmium) or Hg (mercury).

**Cd**

**Hg**

**Pb**



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