

Instruction Manual

DIGITRADIO 306

DAB+ / FM / Radio



TechniSat

SAFETY PRECAUTIONS

- Read all the instructions carefully before using the unit and keep them for future reference.
- Check that the voltage marked on the rating label matches your mains voltage.
- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas/electric fires. Avoid exposure to direct sunlight and other sources of heat.
- Never place any type of candle or naked flame on the top of or near the unit.
- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.
- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another coned space, ensure that a minimum of 10cm should be kept around the apparatus for ventilation.

Safety

- Always disconnect the unit from the mains supply before connecting/disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.
- This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the unit’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.

Mains Adapter

- Make sure the unit is not resting on top of the mains adapter cable, as the weight of the unit may damage the mains cable and create a safety hazard.
- If the mains adapter is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted sound.

Supervision

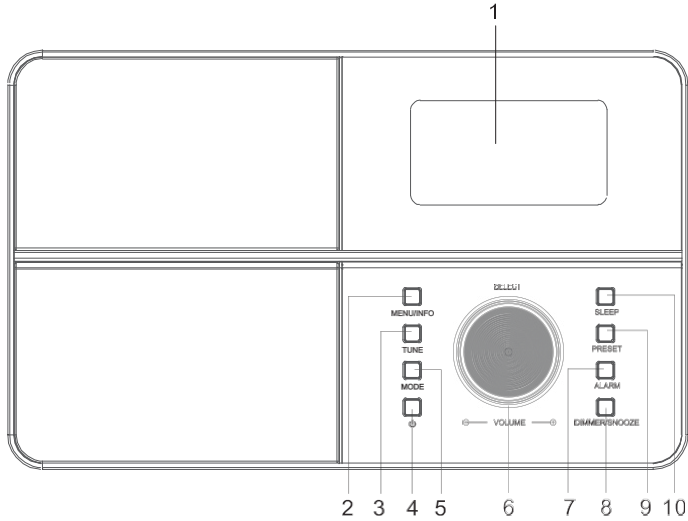
- Children should be supervised to ensure that they do not play with the unit.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.

Service/Maintenance

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.
- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.

product overview

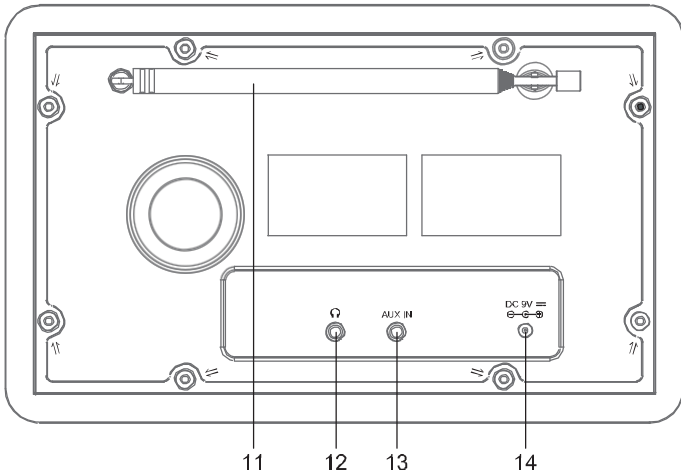
Front View



- 1. Display
- 2. **MENU/INFO** Button
- 3. **TUNE** Button
- 4. **STANDBY** Button
- 5. **MODE** Button

- 6. **VOLUME/SELECT** Knob
- 7. **ALARM** Button
- 8. **DIMMER/SNOOZE** Button
- 9. **PRESET** Button
- 10. **SLEEP** Button

Rear View



- 11. Rod Antenna
- 12. Earphones Jack

- 13. AUX IN Jack
- 14. DC Input Socket

GETTING START

Powering ON/OFF

When you first connect the unit to the mains adapter cable, the unit will be in standby mode after showing “**Welcome to Digital Radio**” (F.1)(F.2)

1. Press the **Standby** ⏻ button to switch the unit on.
2. Press the **Standby** ⏻ button to switch the unit back to standby mode.

F.1



F.2



Selecting Modes

Press the **MODE** button repeatedly to switch between **FM**, **Auxiliary Input** and **DAB** modes.

Navigating the Menu

1. Press and hold the **MENU/INFO** to access the menu.
2. Turn the **VOLUME/SELECT** Knob to select your choice.
3. Press the same knob to confirm your selection.

System Settings

Press and hold the **MENU/INFO** button to display the menu. Turn the **VOLUME/SELECT** Knob to select **System** and then press the same knob to confirm.

Time

The **Time** can be automatically set once it has been received DAB+ or FM radio station with time information. You may also adjust the **Time** manually.

During **System** mode, turn the **VOLUME/SELECT** Knob to select **Time** and press the same knob to confirm. Turn the **VOLUME/SELECT** Knob to select **Set Time/Date** and press the same knob to confirm.

1. The hour digits will flash on the display.
2. Turn the **VOLUME/SELECT** Knob to adjust the hour and then press the same knob to confirm.
3. Repeat above Step (2) to set the Minute/Date/ Month/Year.
4. The time and date settings are now complete.

For the other settings under **Time**, turn the **VOLUME/SELECT** Knob to select from the following options and then press the same knob to confirm.

Auto update	Update from Any / DAB / FM.
Set 12/24 hour	Set 12 / 24 hour format.
Set date format	DD-MM-YYYY or MM-DD-YYYY

Language

1. During **System** mode, turn the **VOLUME/SELECT** Knob to select **Language** and then press the same knob to confirm.
2. Turn the **VOLUME/SELECT** Knob to change the display language of your choice.
3. Press the same knob to confirm.

Factory Reset

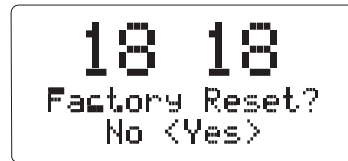
There may be times when you need to reset your unit back to the factory settings especially when you have moved house. If you experience reception problems you may want to reset and try again. If you move to another part of the country and pick up the local and national DAB+ stations in that area, your previously tuned channels may no longer be available.

1. During **System** mode, turn the **VOLUME/SELECT** Knob to select "**Factory reset**", and press the same knob to confirm. (F.3)
2. Turn the **VOLUME/SELECT** Knob to select <Yes>, and press the same knob to confirm or select <No> to cancel. (F.4)

F.3



F.4



SW version

1. During **System** mode, turn the **VOLUME/SELECT** Knob to select **SW version** and then press the same knob to confirm.
2. The software version will show on the display.

Sleep

This function allows you to program the unit to turn to standby mode by itself after a set period of time.

1. During **System** mode, turn the **VOLUME/SELECT** Knob to select **Sleep** and then press the same knob to confirm.
2. Turn the **VOLUME/SELECT** Knob to change the sleep time from: Sleep Off /10/20/30/60/70/80/90 minutes.
3. Press the same knob to confirm.

Alternatively,

Press the **SLEEP** button repeatedly to set the sleep time from: Sleep Off /10/20/30/60/70/80/90 minutes.

DAB Operation

Press the **MODE** button repeatedly to select **DAB**. The unit will enter **DAB** mode and perform the auto scan function. During the scan the display will show "**Scanning...**" together with a slide bar that indicates the progress of the scan and the amount of stations that have been found so far. Once the scan has finished, the unit will select the first alpha numerically found station.

To explore the found stations, turn the **VOLUME/SELECT** Knob to select and press the same knob to confirm.

Station List

1. During **DAB** mode, press the **TUNE** button to enter **Station list**.
2. Turn the **VOLUME/SELECT** Knob to explore the found DAB+ stations and then press the same knob to confirm.

Full scan

Press and hold **MENU/INFO** button, and then turn the **VOLUME/SELECT** Knob to select **Full scan**. Press the same knob to confirm.

1. The display will show "**Scanning...**" and a progress slide bar.
2. All the stations that have been found will be stored automatically. To explore and listen to the found stations, turn the **VOLUME/SELECT** Knob to select and press the same knob to confirm.

Manual tune

As well as the full scan function, you can manually tune the receiver. This can help you when aligning your aerial or when adding stations that were missed while auto tuning.

1. Press and hold **MENU/INFO** button.
2. Turn the **VOLUME/SELECT** Knob to select "**Manual tune**", and press the same knob to confirm.
3. The display will show the multiplex 5A to 13F.
4. Turn the **VOLUME/SELECT** Knob to select the channel, and press the same knob to confirm.

DAB Display Modes

Every time you press the **MENU/INFO** button, the display will show the following display modes:

DLS – Signal Strength – Programme Type – Ensemble – Frequency – Signal error – Bit Rate – Time – Date

Prune Invalid

You may remove all unavailable stations from the list.

1. During **DAB** mode, press and hold the **MENU/INFO** button and turn the **VOLUME/SELECT** Knob to select **Prune** and Press Same knob to confirm.
2. Turn the **VOLUME/SELECT** Knob to select <**YES**> and press the same knob to confirm or select <**NO**> to cancel.

Preset Stations

This function allows up to 10 stations to be programmed into the memory and stored in both DAB and FM mode.

1. Select your desired station, press and hold the **PRESET** button until the display shows "Preset Store <#: (Empty) >".

2. Turn the **VOLUME/SELECT** Knob to select preset number and press the same knob to confirm.

Recalling a Stored Station

1. To select a preset, press the **PRESET** button, and then turn the **VOLUME/SELECT** Knob to select one of the listed preset stations.
2. Press the same knob to confirm the selection.



Operation of Preset and Recall stations are same for DAB and FM.

FM Operation

Switching from DAB to FM Mode

To switch the unit to **FM** mode, press the **MODE** button repeatedly to switch to **FM** mode. The display will show the frequency.

Auto Scan

1. During **FM** mode, press the **TUNE** button to enter **<Tuning>**.
2. If briefly turn the knob at clockwise, Press the **Volume/Select** knob it will auto search up.
3. If briefly turn the knob at counter clockwise, Press the **Volume/Select** knob it auto search down.
4. Once a station has been found, the scanning will stop automatically.



The search may not stop at a station with a very weak signal.

Manual Tuning

To search for FM stations manually, press the **TUNE** button to enter **<Tuning>**, and turn the **VOLUME/SELECT** Knob until your desired frequency is reached.



With FM radio, it may be necessary to fine tune each station by turning the **Volume +/-** dial repeatedly. Each turn will adjust the frequency by 0.05 MHz. If reception is still poor, adjust the position of the aerial or try moving the radio to another location.

FM Display Modes

Every time you press the **MENU/INFO** button, the display will show the following display modes:

Radio Text - Programme Type - Frequency - Audio Type - Time - Date

Scan setting

1. Press and hold the **MENU/INFO** button to access **FM** menu.
2. Turn the **VOLUME/SELECT** Knob to select **"Scan setting"** and then press the same knob to confirm.
3. Turn the **VOLUME/SELECT** Knob to select **"Strong stations only"** or **"All stations"** and then press the same knob to confirm.

Audio setting

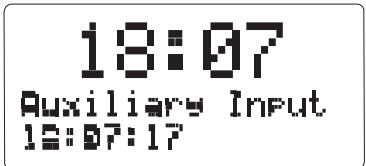
1. Press and hold the **MENU/INFO** button to access **FM** menu.
2. Turn the **VOLUME/SELECT** Knob to select "**Audio setting**" and then press the same knob to confirm.
3. Turn the **VOLUME/SELECT** Knob to select "**Stereo allowed**" or "**Forced mono**" and then press the same knob to confirm.

AUX operation

There is an "AUX IN" socket located at the back of the unit. Analogue audio sound signals from other sources can be input to the unit through this socket.

1. Connect the input to another audio device via an AUX cable (not included) with an "AUX IN" socket.
2. Press the **MODE** button repeatedly to select "**Auxiliary Input**" mode. (F.5)
3. Turn the **VOLUME/SELECT** Knob to adjust the volume control for your desired sound output level.
4. In AUX mode, operate your audio device directly for playback features.

F.5



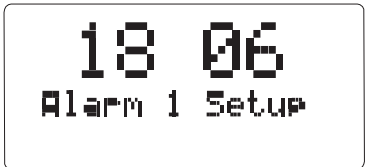
Setting the Alarm

This function allows you to program 2 individual Alarm in a set period of time.

Press the **ALARM** button once or twice to select the Alarm number (1 or 2) and then press Same knob to start the setting of the alarm. (F.6)

Turn the **VOLUME/SELECT** Knob to select then press the same knob to confirm.

F.6



On time	Alarm On time ##:##
Duration	15/30/45/60/90
Source	Buzzer/DAB/FM (DAB/FM: Last listened / Preset station)
Enable	Once/Weekends/Weekdays/Daily
Volume	Volume Bar
Alarm	On / Off

When the alarm is set, the alarm icon will appear on the display. To turn off the alarm when it sounds, press the **Standby** ϕ or **ALARM** button.

During Standby mode, press the **ALARM** button repeatedly to turn the saved Alarm on or off. (F.7)

F.7



Snooze


Snooze allows you to temporarily silence a sounding alarm. The radio returns to standby for the set time period with Snooze countdown displayed. When the countdown reaches 0(zero) the alarm triggered again.

1. When the alarm is sounding, press the **DIMMER/SNOOZE** button once.
2. You can change the snooze period by repeatedly pressing the **DIMMER/SNOOZE** button, Snooze periods are 5,10, 15 or 30 minutes.


Dimmer

The display has a dimmer setting with four brightness - **Off / Low / Medium / High**. You can press the DIMMER/SNOOZE button repeatedly to switch the dimmer level.

Headphones (Not included)

A headphone jack has been provided so that the radio can be used without disturbing others. Plug in the headphones at the point marked  and adjust the listening volume to your chosen level. Excessive sound pressure from earphones and headphones can cause hearing loss. The speakers will not operate when earphones are fitted.

Specification

Rated voltage (Adapter):	AC 100-240V ~50/60Hz
Adaptor output:	DC  9V 1.6A
Power consumption :	14.5W
Audio output :	1 X 5W RMS
Frequency Range :	DAB 174-240MHz FM 87.5-108MHz
Unit dimension :	221 mm (W) x 159 mm (D) x 137 mm (H)
Weight :	~1.3 kg

SPECIFICATION SUBJECT TO CHANGE WITHOUT FURTHER NOTICE.