

» PERFECT PRO



DIGITUBE®
» PERFECT PRO

INSTRUCTION MANUAL **GB**
MANUEL DE L'UTILISATEUR **F**
GEBRUIKSAANWIJZING **NL**
BEDIENUNGSANLEITUNG **D**

CONTENTS

CONTENTS.....	1
IMPORTANT GENERAL SAFETY INSTRUCTIONS.....	2
CONTROLS.....	3
POWER SUPPLY.....	5
GENERAL FUNCTIONS.....	7
USING THE RADIO FOR THE FIRST TIME.....	8
DAB MODE.....	9
FM MODE.....	12
PRESET STATIONS.....	14
BLUETOOTH MODE.....	14
AUX-IN MODE.....	18
MANUALLY SETTING CLOCK.....	18
tone.....	20
LANGUAGE SETTING.....	21
SOFTWARE VERSION.....	21
SYSTEM RESET.....	22
KEY LOCK.....	22
BACKLIGHT.....	23
WARRANTY.....	24
INFORMATION.....	25

WARNING ! WARRANTY BECOMES VOID ONCE THE DEVICE CABINET HAS BEEN OPENED OR ANY MODIFICATIONS OR ALTERATIONS TO THE ORIGINAL DEVICE HAVE BEEN MADE

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
8. Only use attachments/accessories specified by the manufacturer.
9. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service personnel. Servicing is required if the apparatus has been damaged in any, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
12. To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
13. Do not remove the cover; there are no user-serviceable parts inside.
14. No naked flame sources shall be placed on the apparatus.
15. For outdoors use, to avoid electric shock, use battery only during a raining day or the weather is wet. To prevent electric shock, if the radio has been exposed to rain or water, the power supply cord and plug must be completely dried before plugging into the mains socket outlet.
16. The power plug should be close to the apparatus, and easy to be approached that during emergency, to disconnect the power from the apparatus, just unplug the power plug from the AC power slot.
17. The marking information is located at the bottom of the apparatus.
18. This apparatus is provided with protection against splashing water (IP45).
19. In case of malfunction due to electrostatic discharge or fast transient (burst), remove and reconnect the power supply.
20. Use only the AC/DC adaptor which is provided by the manufacturer:
ATL model : DCL25AF-120200
Input : AC 110-240V 50/60Hz
Output : 12V DC 2A

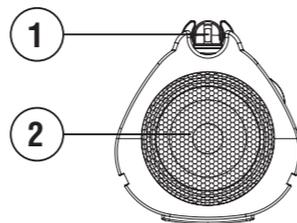


GB

CONTROLS

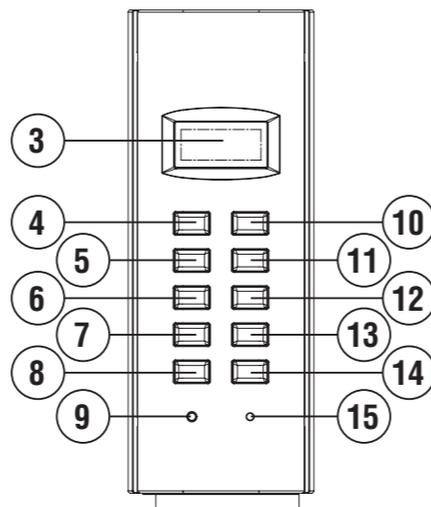
Top View

1. Antenna
2. Speaker



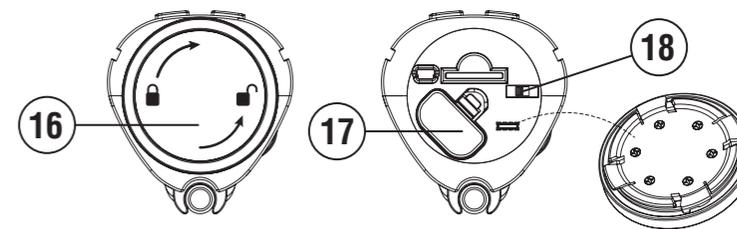
Front View

3. LCD Display
4. Volume Down
5. Tuning Down
6. Menu-Preset
7. Tone
8. On/Off
9. Bluetooth Connected LED Light
10. Volume Up
11. Tuning Up
12. Select-Info
13. Source
14. Phone Button
15. Microphone



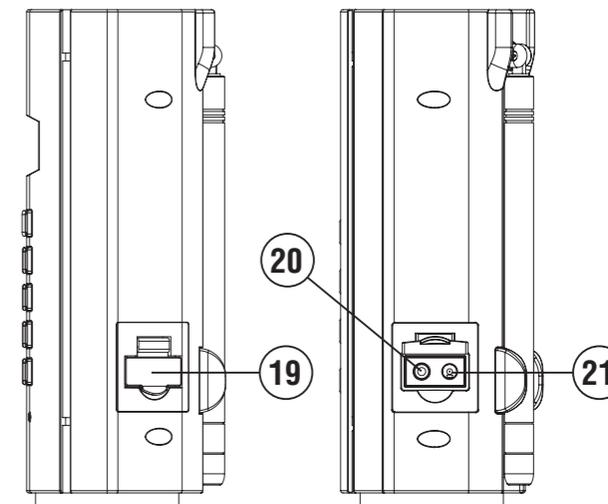
Bottom View

16. Rubber Foot
17. Battery Door
18. Battery Charger Switch



Side Views

19. Jack Rubber Cover
20. Aux-in
21. DC Adaptor In



POWER SUPPLY

AC operation

1. Before plugging the AC/DC adaptor into the AC socket, make sure the voltage is correct and the **Battery charger switch** is set correctly: **ALKALINE OFF** for when using no batteries or Alkaline batteries / **NiMH ON** for when using NiMH rechargeable batteries.
2. If you use Alkaline batteries in the radio and the **Battery charger switch** is on **ALKALINE OFF**, the batteries will be disconnected automatically when using AC power supply.
3. If you use rechargeable NiMH batteries in the radio and the **Battery charger switch** is on **NiMH ON**, the NiMH batteries will be charged automatically when using AC power supply.
4. Never use the AC/DC adaptor in rainy or moist conditions to prevent short circuit or moist from entering the radio. Under those conditions only use battery power and keep the rubber cover closed.

Note:
In order to disconnect the unit from the AC mains completely, the AC/DC adaptor should be removed from the mains socket completely and it shall remain readily operable and should not be obstructed during intended use.
In case of malfunction due to electrostatic discharge or fast transient (burst), remove the AC adaptor from power supply and remove the batteries then reinstall the batteries and reconnect the power supply.

Battery operation

1. To open the battery compartment, first remove the rubber foot at the bottom of the apparatus by turning it in counter clockwise direction.
2. Loosen the screw of the door by unscrewing it in anti-clockwise direction.
3. Observe correct polarity as indicated on the unit (+ and -). Insert Alkaline batteries (6 x 1,5V type IEC LR6 / AM3 / Size AA) or NiMH rechargeable batteries (6 x 1,2V PerfectPro Rechargeable Accu, Size AA / HR6 / 2500mAh) with the correct polarity into the compartment.
4. Close the battery door and make sure the screw is fastened.
5. Set the **Battery charger switch** in the battery compartment according to the battery type to be used (**ALKALINE OFF** or **NiMH ON**).

6. When you choose to use NiMH batteries, switch the **Battery charger switch** to **NiMH ON**. The radio will charge the batteries when it is connected to AC power. When the battery is being charged, the battery symbol on the LCD display will animate. The charging and animation will stop automatically when the batteries are full.
7. When you choose to use Alkaline batteries, switch the Battery charger switch to **ALKALINE OFF**. Alkaline battery will not be charged.
8. Close the rubber foot well to prevent moist or dust from entering the compartment by turning it in clockwise direction onto the unit.
9. If the unit is not to be used for any extended period of time, it is recommended that the batteries are removed from the radio.

The approximate power level of the batteries is displayed on the LCD display of the radio by the battery symbol (4 levels in total). When the power level is very low the indication "Batt. Low!" appears and the battery symbol flashes on the display. The batteries should then be recharged or replaced soon to continue normal operation of the radio.

Warning:

Danger of explosion if a battery is incorrectly replaced. Replace only with the same or equivalent type.
Always make sure the **Battery charger switch** is set to the correct position.
An Alkaline battery is not rechargeable. Never attempt charging Alkaline batteries.
Do not mix up different battery types.
Do not mix up charged and uncharged batteries.
Do not expose the batteries to excessive heat such as sunshine, fire or the like.
Batteries should not be disposed of by incineration and with household waste. Disposable batteries should be taken to a suitable recycling centre if possible.

IMPORTANT INFORMATION ON CHARGING AND USING RECHARGEABLE BATTERIES

1. **Recharge the batteries in any case at least every 2 months.**
2. Make sure the **Battery charger switch** next to the battery compartment is set to the "**CHARGE / NiMH ON**" position.
3. **Put the batteries in the compartment whilst paying attention to the correct polarity of the batteries (+ and -).**
4. **First use: Charge new batteries in one continuous, uninterrupted, charge until they are full.** This first charge may take longer than normal. For longer battery life it is advised to always recharge in one continuous, uninterrupted charge until batteries are full and do not recharge again whilst the batteries are still full.

5. New batteries will only reach their full capacity after some time of use (several charge – discharge cycles).
6. Leave the complete group of batteries in place inside the radio and do not use these batteries or a few of them for other purposes. This will result in a mix of (fully) charged and (partly) empty batteries. This can seriously damage the batteries and radio when recharged.
7. It is advised to only charge batteries at room temperatures between 5 degrees C – 35 degrees C. In lower or higher temperatures full charge cannot be achieved.
8. Depending on the capacity of the batteries, charging from “empty” to “full” can take several hours.
9. Do not charge batteries when the radio is hot or exposed to heat or heat sources.
10. It is advised to clean the metal contacts of the batteries and of the charger inside the radio e.g. with a contact-spray from time to time.
11. Do not use a mix of old and new rechargeable batteries.
12. Do not use a mix of rechargeable and non-rechargeable batteries.
13. Do not use a mix of full and empty rechargeable batteries.
14. Do not use batteries that have a different mAh capacity.
15. Do not use damaged, deformed or leaking batteries.
16. Battery level indication is an approximate indication only and can vary with battery type used.
17. Batteries can become hot during charging.
18. In cold conditions the capacity of batteries will be much lower than when used at normal room temperature
19. Batteries (even when supplied with the radio), as being consumables, do not fall under the warranty conditions of the radio.
20. It is advised to use PerfectPro rechargeable batteries as the radio and its charger were developed for use with these batteries.

GENERAL FUNCTIONS

1. **Switching on and off**
Press the **On/Off** button to turn the radio on or in standby.
2. **Switching among DAB / FM / Bluetooth / AUX-IN modes**
Press the **SOURCE** button to switch between modes.
3. **Tuning the Radio**
Tune the radio using the **TUNING ◀◀** and **▶▶** buttons.

4. **Adjusting the Volume**
Adjust the volume with the **VOLUME +** and **-** buttons.
5. **Adjusting the Tone**
Press the **TONE** button and adjust the Bass and Treble with the **VOLUME +** and **-** buttons.
6. **Pairing the Bluetooth with your mobile phone**
Select the device “**PP DigiTube**” in the Bluetooth setting screen of the mobile phone.
7. **Playing music from your mobile phone in Bluetooth mode**
Use the media player in the mobile phone.
8. **Playing music stored in a paired mobile phone from DigiTube in Bluetooth mode**
Press the **SELECT-INFO** button for Play/Pause, the **TUNING ◀◀** and **▶▶** buttons for Forward and Backwards control.
9. **Answering an incoming phone call from the DigiTube radio**
Press the **PHONE** button (Phone icon) to pick up and hang up the phone call.
10. **Redialing the last out going phone call in Bluetooth mode**
Press and hold the **PHONE** button (Phone icon) for more than 2 seconds.
11. **Using the AUX-IN feature**
Connect the audio output of an external audio device to the Ø3.5mm AUX-IN socket and play music from the external device.

USING THE RADIO FOR THE FIRST TIME

1. Insert batteries and place the radio on a flat surface.
2. Plug the AC/DC power adaptor into the AC socket if desired.
3. Carefully extend the antenna located at the back of the radio. Adjust the antenna so it is vertically extending above the radio.
4. The radio will start up and the display will show “WELCOME” for a few seconds. Then the radio will automatically perform an auto scan of the Band III DAB channels and the FM band. The display will show “Scanning” in DAB and “Auto” in FM.

- When the scan is completed, the 10 strongest FM stations will be stored as presets and the available DAB stations will be in the list of stations. The radio will switch to standby with the updated clock and date showing on the display.
- If no signals are found, the clock will not be updated. It may be necessary to relocate the radio to a position with better reception.

DAB MODE (DAB – DAB+)

Operating the radio – DAB

- Carefully extend the antenna. Press the **On/Off** button to switch on the radio.
- Select the **DAB** waveband by pressing the **SOURCE** button.
- The first station in the list of stations found will be played. The display will show the station name. If the radio has been used before, the last used station will be selected.
- If no DAB signals are detected, “No stations” will be displayed. It may be necessary to relocate the radio to a position with better reception. You should then carry out an auto scan to find stations, please refer to the section “**Find new stations - DAB**”.

Selecting a station – DAB

- Press the **On/Off** button to switch on the radio. The display will show “Connecting” and “Playing” for a few seconds.
- Select the DAB waveband by pressing the **Source button**.
- The display will show “Now tuning” for a few seconds.
- The display shows the name of the radio station currently selected.
- Press the **TUNING ◀◀ or ▶▶** buttons to scroll through the list of available stations.
- When the desired station name appears on the display, press the **SELECT-INFO** button to select the station.

Note: If after selecting a station the display shows “No stations”, it may be necessary to relocate the radio to a position with better reception.

Display modes – DAB

In DAB mode, the radio can display a range of information on the display.

Press the **INFO** button to cycle through the various modes.

- | | |
|----------------------------|---|
| a. Scrolling text | Displays scrolling text message e.g. station information, artist/track name, phone-in number, etc. |
| b. Signal strength | Displays the signal strength of radio reception. The clear unfilled rectangle indicates minimum signal level required for satisfactory reception. |
| c. Program type | Displays the type of station being listened to e.g. Pop, Classic, News, etc. |
| d. Multiplex name | Displays the name of multiplex to which the current station belongs. |
| e. Channel & frequency | Displays the channel number and frequency for the currently tuned DAB station. |
| f. Bit rate & audio format | Displays the digital audio bit rate and audio format. |
| g. Time & date | Displays the current time and date. |

Finding new stations – DAB

From time to time, new stations may become available. You may proceed to find new stations as follows:

- In DAB mode, press the **MENU** button, “Full Scan” shows on the display.
- Press the **SELECT-INFO** button, the radio will perform a scan of the Band III DAB channels. As new stations are found, the station counter on the right-hand side of the display will increase and new radio stations found will be added to the list stored in the radio.

Manual Tuning – DAB

Manual tuning is an alternative method of finding new stations. Instead of scanning the entire Band III channels automatically, you may tune the radio directly to a known DAB channel and store all the multiplex in that channel into the available station list.

- In DAB mode, press the **MENU** button and the **TUNING ◀◀ or ▶▶** buttons until the LCD display shows “Manual Tune”, then press the **SELECT-INFO** button. The display will show DAB channel and Frequency.

2. Press the **TUNING** ◀◀ or ▶▶ buttons to select the desired Channel or Frequency and then the **SELECT-INFO** button to tune to the chosen frequency.
3. When DAB stations in the tuned channel are found, the display will show the name of the station. Any new radio stations found will be added to the list stored in the radio.
4. The signal strength display shows the reception of the station. The clear unfilled rectangle indicates minimum signal level required for satisfactory reception. The signal strength bars will go up or down showing the changing signal strength as you adjust the antenna or the radio position.
5. Repeat step 1 to 4 for other channels with new stations.
6. Press the **MENU** button twice to exit manual tuning and return to normal DAB operation.

Dynamic Range Control (DRC) settings – DAB

DRC can make quieter sounds easier to hear when your radio is used in a noisy environment.

1. In DAB mode, press the **MENU** button and the **TUNING** ◀◀ or ▶▶ buttons until the display shows “DRC Value”, then press the **SELECT-INFO** button .
2. Press the **TUNING** ◀◀ or ▶▶ buttons to select required DRC setting (default is OFF).
 DRC off DRC is switched off, broadcast DRC will be ignored.
 DRC high DRC is set as sent by broadcaster.
 DRC low DRC level is set to 1/2 that sent by broadcaster.
3. Press the **SELECT-INFO** the knob to confirm the setting. The display will return to normal radio display.

Note: Not all DAB broadcasts are able to use the DRC function. If the broadcast does not support DRC, then the DRC setting in the radio will have no effect.

Prune stations – DAB

If you move to a different part of the country, some of the stations that were listed may no longer be available. Also, from time to time, some DAB services may stop broadcasting, or may change location or frequency. The Prune stations function will delete the unavailable DAB stations from your station list.

1. In DAB mode, press the **MENU** button and the **TUNING** ◀◀ or ▶▶ buttons until the display shows “Prune”, then press the **SELECT-INFO** button.

2. Press the **TUNING** ◀◀ or ▶▶ buttons to select between “Yes” or “No” (default is No). Select “Yes” to enable this function if required, otherwise, select “No”.
3. Press the **SELECT-INFO** button to confirm your setting. The display will return to last menu and press **MENU** to go to the normal radio display.

Note: If you have moved the radio to a different part of the country, you should also carry out a search for new stations (please see the section “Finding new stations – DAB”).

FM MODE

Operating the radio – FM seek station

1. Press the **On/Off** button to switch on the radio.
2. Select the **FM RADIO** waveband by pressing the **SOURCE** button.
3. If this is the first time to switch to FM mode, the station in preset 1 will be played. If the radio has been used before, the last listened station will be played.
4. To seek station, press the **TUNING** ◀◀ or ▶▶ buttons. The scan stops automatically when it finds a station of sufficient strength.
5. After a few seconds, the display will update and show station name if RDS information is being received.
6. To find other stations, press the **TUNING** ◀◀ or ▶▶ buttons again.
7. To seek station in an opposite direction, press the **TUNING** ▶▶ button to scan from low frequency to high frequency or press the **TUNING** ◀◀ button to scan from high frequency to low frequency.
8. When the waveband end is reached, the radio will recommence tuning from the opposite waveband end.

Manual tuning – FM

1. Press the **On/Off** button to switch on the radio.
2. Select the FM band by pressing the **SOURCE** button.
3. Press the **TUNING** ◀◀ or ▶▶ buttons to reach the required FM station. The radio will change the frequency in steps of 50 kHz.
4. Adjust the rubber antenna to get the best reception. If the radio is tuned to a station of sufficient signal strength with RDS information present, the display may change to show the station name.
5. When the waveband end is reached, the radio will recommence tuning from the opposite waveband end.

RDS station service – FM

RDS (Radio Data System) is an information system which inaudible digital information is transmitted in addition to the normal FM radio program. When the radio is receiving a RDS station and the reception strength is sufficient, the station name will appear in the display. It may take some time before the RDS information is available.

Calling up RDS information

When you are listening to a FM station with RDS system, repeatedly press the SELECT-INFO button to cycle through the information. This will only function if the reception level is sufficient and clear.

- | | |
|-----------------------|---|
| a. Station name (PS) | Displays the name of station being listened to. |
| b. Radio text (RT) | Displays the message about the station being listened to as ticker text. |
| c. Program type (PTY) | Displays the type of station being listened to, e.g. Pop, Classic, News, etc. |
| d. Frequency | Displays the frequency of the station being listened to. |
| e. Signal level | Displays the signal strength. |
| f. Time & date | Displays the current time (24 hour clock) and date. |

Scan sensitivity setting – FM

The radio will normally scan all stations from FM broadcasts including the weaker signals. However, you may wish the Auto-scan to find only those stations with strong enough signals to give good reception.

1. Press the **On/Off button** to switch on the radio.
2. Select the FM band by pressing the **SOURCE** button.
3. Press the **MENU** button, the display shows “Scan”.
4. Press the **SELECT-INFO** button .
5. Press the **TUNING ◀◀ or ▶▶** buttons to select “All” or “Strong” (default is “Strong”). The “Strong” station option will allow the radio to find strong signals only when scanning.
6. Press the **SELECT-INFO** button to confirm your setting. The display will return to normal radio display.

PRESET STATIONS

Storing preset stations

There are 20 memory presets in the radio, 10 for DAB and 10 for FM. Presets are remembered by the radio in the event of a power failure.

1. Press the **On/Off** button to switch on the radio.
2. Select the desired waveband by pressing the **SOURCE** button.
3. Tune to the required station.
4. Press (for 1 sec.) the **MENU-PRESET** button until “Preset” is displayed.
5. Press the **TUNING ◀◀ or ▶▶** buttons to select the desired preset number (from P1 to P10).
6. Press (for 1 sec.) the **SELECT-INFO** button display will show “Saved” to confirm.
7. Repeat steps 3 to 6 for the remaining presets.
8. Stations stored in the preset memories can be over-written by following the above procedure.

Recalling preset stations

1. Press the **On/Off** button to switch on the radio.
2. Select the desired waveband by pressing the **SOURCE** button.
3. Press (for 1 sec.) the **MENU-PRESET** button until “Preset” is displayed. The display will show the station frequency and the preset number.
4. Press the **TUNING ◀◀ or ▶▶** buttons to select the desired preset station, then press **SELECT-INFO** to confirm.

USING BLUETOOTH

Pairing Bluetooth with your mobile phone

1. Press the **On/Off** button to switch on the radio.
2. Select Bluetooth mode by pressing the **SOURCE** button.
3. The blue **Bluetooth connected LED** on the front will be blinking when the **DigiTube** radio is not yet paired with your mobile phone.

4. In your mobile phone open the Setting menu and select Bluetooth, then select “**PP- DigiTube**” in the Bluetooth devices list (Bluetooth pairing instructions may vary per type of mobile phone, please check your mobile phone manual).
5. When Bluetooth pairing is successful, the **Bluetooth connected LED** will stop blinking and the LCD display will show “Bluetooth Connected”.

Playing music from your mobile phone

1. Press the **On/Off** button to switch on the radio.
2. Select Bluetooth mode by pressing the **SOURCE** button.
3. Start playing music by using the media players in the paired mobile phone.
4. Playback can be controlled from the mobile phone or by pressing the **◀◀ or ▶▶** buttons on the **DigiTube** radio. Press the **SELECT-INFO** button for Play/Pause.

Answering an incoming phone call from the DigiTube radio

The Hands-Free-Calling feature allows you to answer an incoming phone call when operating in the Bluetooth, DAB, FM or Aux mode.

1. Press the **PHONE** button (**Phone icon**) on the right to pick up an incoming call.
2. Speak towards the microphone (**MIC**) located under the **PHONE** button of the radio.
3. Adjust the conversation volume by pressing the **VOLUME –** or **+** buttons. A lower volume setting can reduce a possible echo in the phone conversation.
4. Press the **PHONE** button (**Phone icon**) again to hang up the phone call.

Note: The volume of the Ringtone will be loudest for the first 20 seconds, then it will resume to the previous used level. Pressing the **VOLUME –** or **+** buttons or the **PHONE (Phone icon)** will also resume the volume to the previous used level.

Redialing your last dialed phone number (of a paired mobile phone)

The Hands-Free-Calling feature allows you redialing your last dialed phone number on your mobile phone (Bluetooth mode only).

1. Press the **On/Off** button to switch on the radio.
2. Select Bluetooth mode by pressing the **SOURCE** button.

3. Press and hold the **PHONE (Phone icon)** button on the right for more than 2 seconds. The last dialed phone number on your mobile phone will be redialed.
4. Adjust the conversation volume by pressing the **VOLUME –** or **+** buttons if necessary.
5. Press the **PHONE** button (**Phone icon**) again to hang up the phone call.

Bluetooth Options

The Bluetooth function can be set to operate in different ways as below:

1. In Bluetooth mode, press the **MENU** button to enter into the System setting.
2. Press the **TUNING ◀◀ or ▶▶** buttons until “Bluetooth” is displayed; then press the **SELECT-INFO** button .
3. Press the **TUNING ◀◀ or ▶▶** buttons to select “BT always on”, “BT mode only” or “Disconnect BT” options, and press the **SELECT-INFO** button to select the setting.

- | | |
|------------------|--|
| a. BT always on | Bluetooth is turned on when the DigiTube radio is on. You can playback music in the Bluetooth mode and use the Hands-Free-Calling feature to answer incoming phone calls in all operation modes, for example, also when you are listening to the radio. As an indication, the blue Bluetooth connected LED will be on in all operation modes. (FM, DAB, Bluetooth and AUX IN). |
| b. BT mode only | Bluetooth is turned on only in Bluetooth mode. You can playback music and use the Hands-Free-Calling feature to answer incoming phone calls in the Bluetooth mode only. As an indication, the blue Bluetooth connected LED will be on only in the Bluetooth mode. |
| c. Disconnect BT | Bluetooth will be disconnected from your mobile phone and enter the “discoverable mode” (The blue Bluetooth connected LED will start blinking until a new pairing is established). This is to allow the Bluetooth pairing to another device. If no new device is paired, the Bluetooth will automatically try to connect to the last device when it is switched off and on again. |

The Auto-Power management function will be activated in Bluetooth mode. If there is “Not connected” for a period over 15 minutes, the unit will automatically switch to standby mode. Pressing the **On/Off** button will wake up the unit.

Bluetooth LED

The menu of the radio can be configured to Bluetooth LED.

1. Press the **On/Off** button to turn on the radio.
2. Press the **MENU** button, and then press the **Tuning ◀◀ or ▶▶** buttons until the display shows "System".
3. Press the **SELECT-INFO** button; then press the **Tuning ◀◀ or ▶▶** button until the display shows "Bluetooth LED".
4. Press the **SELECT-INFO** button to enter the Bluetooth LED adjustment menu.
5. Press the **Tuning ◀◀ or ▶▶** buttons to select "on" (by default) in order to keep Bluetooth LED lightened when connected;
6. Or Press the **Tuning ◀◀ or ▶▶** buttons to select "off" to turn off Bluetooth LED when Bluetooth connection has been established.
7. Press the **SELECT-INFO** button to confirm your choice. The Bluetooth LED will be changed upon the latest selection.

AUX-IN MODE

A 3.5mm stereo Aux-In socket is provided on the side behind the rubber cover, for connecting an external audio device such as MP3 player or CD player (Aux cable not included with this radio).

1. Connect an audio source to the **AUX-IN** socket.
2. Press the **SOURCE** button to select AUX input. Display will show "AUX IN".
3. Play the external player.
4. Adjust the **VOLUME** of both the radio and the player for comfortable listening.
5. After use, close the rubber cover to prevent moist or dust from entering into the sockets and radio.

Notes: Never use the Aux-In socket in rainy or moist conditions to prevent moist from entering the radio. Keep the rubber cover well closed under these conditions.

The Auto-Power management function will be activated in AUX mode. If there is no signal* from the Aux-In socket for a period of over 15 minutes, the **DigiTube** radio will automatically switch to standby mode. Pressing the **On/Off** button will wake up the unit.

* Also when the incoming signal from the external device is too low and cannot be detected for a period of over 15 minutes by the Auto-Power management, the **DigiTube** radio will switch to standby mode.
To prevent this raise the output level of the external device enough to be detected.

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MANUALLY SETTING CLOCK

The clock can only be manually set when the radio is in standby mode. If no buttons are pressed for 5 seconds, the radio will exit the clock setup and the setting is cancelled.

1. Press the **MENU** button for about 3 seconds, and the display will show "CLOCK SET".
2. Press the **SELECT-INFO** button. The hour digits flash on the display.
3. Press the **TUNING ◀◀ or ▶▶** buttons to set the hour
4. Press the **SELECT-INFO** button to confirm. The minute digits flash.
5. Press the **TUNING ◀◀ or ▶▶** buttons to set the minute.

6. Press the **SELECT-INFO** button to confirm. The day flashes.
7. Press the **TUNING ◀◀ or ▶▶** buttons to set the current day.
8. Press the **SELECT-INFO** button to confirm. The month flashes.
9. Press the **TUNING ◀◀ or ▶▶** buttons to set the current month.
10. Press the **SELECT-INFO** button to confirm. The year flashes.
11. Press the **TUNING ◀◀ or ▶▶** buttons to set the current year.
12. Press the **SELECT-INFO** button to confirm. "Synclock on" flashes.
13. Press the **TUNING ◀◀ or ▶▶** buttons to choose either "Synclock on" or "Synclock off".
14. Press the **SELECT-INFO** button to confirm. Setting finish.

RDS time synchronisation

"Synclock on" option during the time setting, the time will be automatically updated. Time synchronisation can take several minutes. The automatic time setting is always activated when the radio is switched from standby to FM broadcasting and receives a RDS station.

Press the **SELECT-INFO** button to confirm.

SETTING THE ALARM

The alarm can only be set when the radio is in standby mode. If no buttons are pressed for 5 seconds, the radio will exit the alarm setup and the setting is cancelled.

1. Press the **MENU** button for about 3 seconds, and then press the MENU button again until the display shows "ALARM SET".
2. Press the **SELECT-INFO** button. The hour digits flash on the display.
3. Press the **TUNING ◀◀ or ▶▶** buttons to set the hour
4. Press the **SELECT-INFO** button to confirm. The minute digits flash.
5. Press the **TUNING ◀◀ or ▶▶** buttons to set the minute.
6. Press the **SELECT-INFO** button to confirm. "ALARM SOURCE" displayed.
7. Press the **TUNING ◀◀ or ▶▶** buttons to choose among "FM RADIO", "BUZZER" and "DAB".
8. If "FM RADIO" is selected, the last listened station will be played when the alarm rings.
9. "VOL XX" displayed. Press the **TUNING ◀◀ or ▶▶** buttons to change the alarm volume.
10. Press the **SELECT-INFO** button to confirm. Setting finish.

Switching on/ off the alarm

1. To switch the alarm on, press the **SELECT-INFO** button and hold for 2 seconds. The alarm icon will be shown at the top left corner.
2. To switch the alarm off, press the **SELECT-INFO** button again and hold for 2 seconds. The alarm icon will be disappear.
3. To turn off the alarm when it buzzes, simply press the **On/Off** button.

VOLUME & SOUND

To adjust the volume, simply press the **Volume – or +** buttons when playing the DAB / FM radio / Bluetooth / AUX IN mode. The level of volume (from 00 to 40 the loudest) will be shown on the LCD Display.

Note: When playing on batteries; if the energy level of the batteries is too low, sound will distort on higher volume.

360 DEGREES SOUND

The unique Neodymium speaker located on top of the radio provides a 360 degrees sound image. Suggestion: If preferred, place the radio in a corner or close to a wall for additional sound reflection.

TONE

The **TONE** function enables the user to adjust the lower and higher sound frequencies.

1. Press the **On/Off** button to switch on the radio.
2. Press the **TONE** button, the display shows "BASS 0"
3. Press **Volume – or +** buttons to set the desire Bass level.
4. Press the **SELECT-INFO** button to confirm, then "TREBLE 0" displayed.
5. Press **Volume – or +** buttons to set the desire Treble level.
6. Press the **SELECT-INFO** button to confirm, and display returned to normal.

LANGUAGE SETTING

The menu of the radio can be configured to various languages.

1. Press the **On/Off** button to switch on the radio.
2. Press the **MENU** button, and then the **TUNING ◀◀ or ▶▶** buttons until the display shows "System".
3. Press the **SELECT-INFO** button; then the **TUNING ◀◀ or ▶▶** buttons until the display shows "Language".
4. Press the **SELECT-INFO** button; then the **TUNING ◀◀ or ▶▶** button until the desired language appears on the display (default is English).
5. Press the **SELECT-INFO** button to confirm your choice.
6. The display menu will then change to the chosen language.

SOFTWARE VERSION

The software display cannot be altered and is just for your reference. You can only view the software version in DAB and FM mode.

1. Press the **On/Off** button to switch on the radio.
2. Press the **SOURCE** button to select FM or DAB mode.
3. Press the **MENU** button, and then **TUNING ◀◀ or ▶▶** button until the display shows "System".
4. Press the **SELECT-INFO** button; then the **TUNING ◀◀ or ▶▶** button until the display shows "SW Version".
5. Press the **SELECT-INFO** button to view the software version.
6. Press the **MENU** button to return to the normal radio display.

Note: USB socket next to the battery compartment is for upgrading the software of the device if needed.

SYSTEM RESET

If the radio fails to operate correctly, or some digits on the display are missing or incomplete, carry out the following procedure.

1. Press the **On/Off** button to switch on the radio.
2. Press the **MENU** button, and then **TUNING ◀◀ or ▶▶** button until the display shows "System".
3. Press the **SELECT-INFO** button; then the **TUNING ◀◀ or ▶▶** button until the display shows "Reset".
4. Press the **SELECT-INFO** button; "Reset? <No> Yes" displayed.
5. Press the **TUNING ◀◀ or ▶▶** button to select "Yes" if you wish to reset the radio, otherwise, select "No".
6. Press the **SELECT-INFO** button to confirm your choice.
7. A full reset will be performed. All presets and the station list will be erased. All settings will be set to the default values. The radio will start up and the display will show "WELCOME" for a few seconds. Then the radio will automatically perform an auto scan of the Band III DAB channels and the FM band. The display will show "Scanning" in DAB and "Auto" in FM.
8. When the scan is completed, the 10 strongest FM stations will be stored as presets. The radio will switch to standby with the updated clock and date showing on the display.

In case of malfunction due to electrostatic discharge; reset the product as above to resume normal operation. If you are not able to perform the reset operation as above, remove and reconnect all batteries and the power supply.

KEY LOCK

The radio supports Key Lock function in all the Standby, DAB, FM, Bluetooth and Aux-in modes.

1. Pressed and hold **SOURCE button** for about 3 seconds, the LCD will display "Locked".
2. When keys are locked, the functions of the radio will be temporary disabled until it has been unlocked. During this moment, the radio would only brighten the backlight for a few seconds and showing "Locked" in display.
3. Pressed and hold the **SOURCE button** for 3 seconds again, the radio would display "Unlocked", and the key lock function will be disabled.

Noted: When the radio is in standby and powered by batteries, some of the buttons were not be able to brighten the radio's backlight in order to save energy.

BACKLIGHT

LCD backlight

The menu of the radio can be configured to LCD backlight.

1. Press the **On/Off** button to turn on the radio.
2. Press the **MENU** button, and the **Tuning ◀◀ or ▶▶** buttons until the display shows "System".
3. Press the **SELECT-INFO** button and the then **Tuning ◀◀ or ▶▶** buttons until the display shows "LCD backlight".
4. Press the **SELECT-INFO** button to enter the LCD backlight adjustment menu.
5. Press the **Tuning ◀◀ or ▶▶** buttons to select "on" in order to keep backlight always lightened when the radio is turned on with AC power supply;
6. Or Press the **Tuning ◀◀ or ▶▶** buttons to select "off" (by default) so that the backlight will be lightened for about 10 seconds whenever a button was pressed with AC power supply.
7. Press the **SELECT-INFO** button to confirm your choice. The LCD backlight will change upon the latest selection.

Note: The LCD backlight options "on" would only be functional when the radio was powered by AC power supply. In this case, when the radio was powered by battery power supply, the LCD backlight would be switched to option "off" – 10 seconds lightened when a button was pressed. When the radio was connected to mains again with AC power supplied, the last user settings would be applied again.

WARRANTY

This radio has a 2 year limited warranty.

WARNING ! Warranty becomes void once the radio cabinet has been opened or any modifications or alterations to the radio have been made !

The terms of the warranty of this radio do not cover the following:

- Damage caused by misuse, abuse, neglect, alterations, accidents or unauthorised repair.
- Normal wear and tear.
- Breaking or bending of the antenna.
- Batteries, being consumables, do not fall under the warranty conditions of the radio.

SPECIFICATIONS

Power requirements

Mains AC/DC adaptor	Input: 110-240V 50/60Hz AC~, Output: 12V DC  2A
Batteries	6 x 1,5V (Type IEC LR6 / AM3 / size AA)
Rechargeable batteries	6 x 1,2V (Type HR06 / size AA / 2500mAh NiMH rechargeable battery) Batteries of PerfectPro brand are highly recommended

Frequency coverage

FM 87.5 – 108 MHz
DAB 174,928 – 239,200 MHz

Circuit features

Loudspeaker	1 x Ø2 1/4 inch
Output power	1 x 5W
Aux In socket	Ø3.5 mm

Bluetooth

Version 4.0 Supports Bluetooth profiles A2DP, AVRCP and HFP