



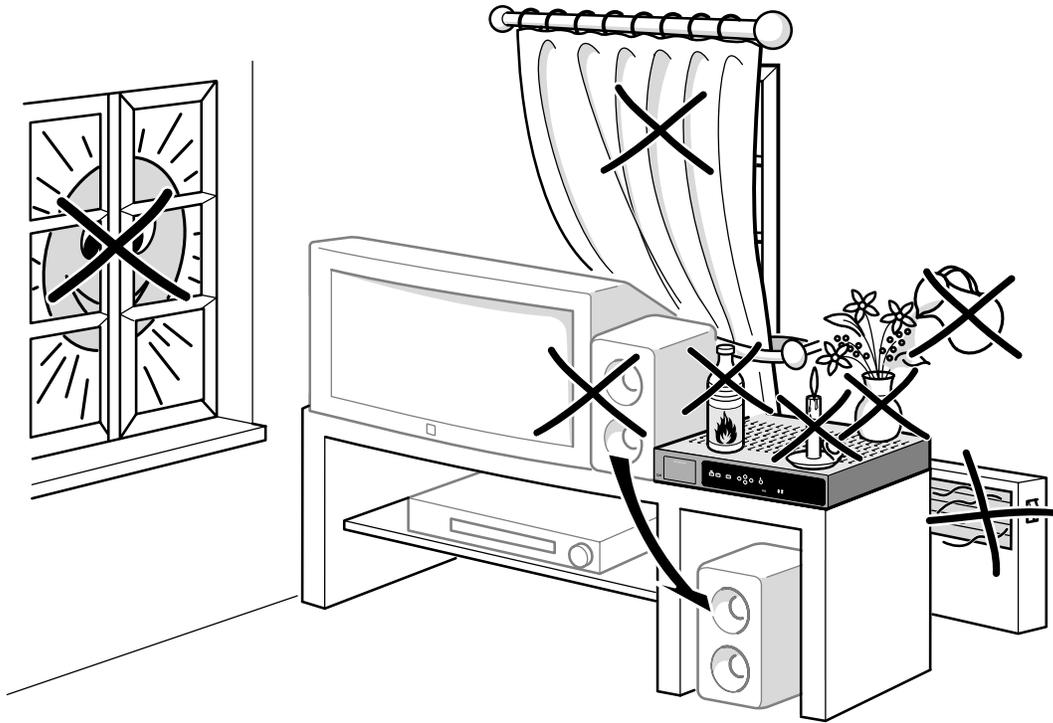
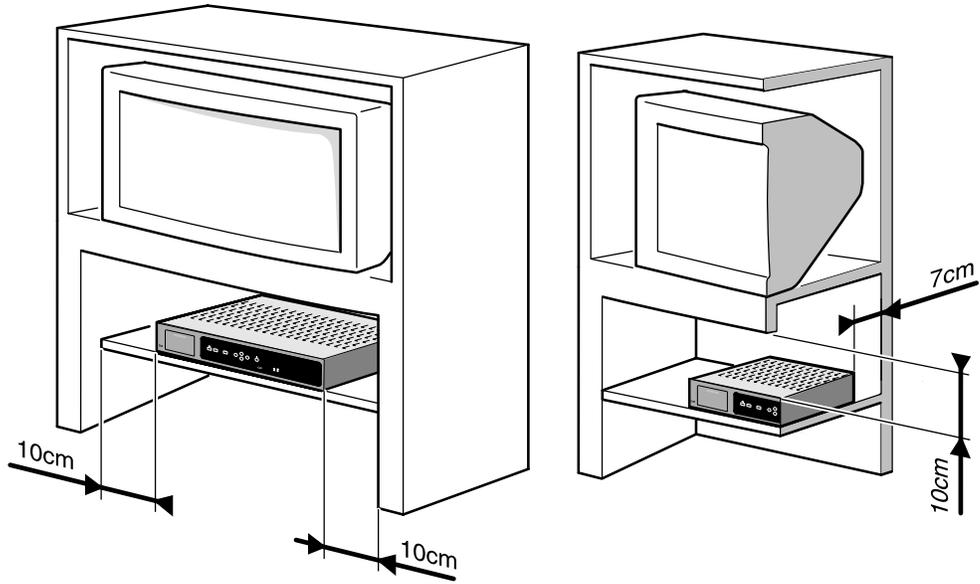
# THOMSON

## DTI series

### 652 / 1004

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User manual



## General Information

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### 1. Precautions

Never open your set yourself. It could be dangerous and you risk electric shock or damaging the set. Any noticed damage will invalidate the warranty conditions of your equipment.

**Installation:** Ensure that the voltage from the mains in your room complies with that indicated on the back of your set (identification label, screen marking, etc.). Do not connect an AC or DC power supply other than that from the mains. Ensure that the electric plug is fully inserted into the wall socket. Leave the mains socket accessible so that you can unplug the set quickly. Place the set horizontally, away from any source of heat (sunlight, radiator, fireplace, etc.) or from equipment which produces high magnetic or electrical fields (motors, non-insulated loud speakers, etc.). If you install your set in a cabinet, ensure that it has enough ventilation. Leave 7 to 10 cm around the set, as shown in the enclosed drawing. The openings on top and underneath the set are for ventilation purposes. They must not be obstructed.

**Use:** The set is designed for use in a dry place. If, under exceptional circumstances, you happen to use it outdoors, (e.g. on a balcony or in a tent), make absolutely certain that it is protected from humidity (dew, rain, splashes) and from heat. If the set has spent some time in a cold atmosphere, (after transport during winter), wait until the condensation has evaporated from the metal parts before connecting it. The set is intended to operate at an ambient temperature of less than 40° Celsius and a maximum humidity level of 95%. It must not, under any circumstances, be used for industrial purposes, as it was designed for domestic use only.

**In case of a thunder storm – It is recommended that you unplug the set from the mains and from the socket connected to the outside aerial.** As a general rule, it is preferable to unplug the set from the mains if you are away for a prolonged period. If you smell any suspicious odours or see smoke coming from the set, unplug the set immediately and have it checked by an approved technician.

**Maintenance – Use a dry, clean, soft cloth with no cleaning, solvent or abrasive products, etc.** The openings on top of and underneath the set are for ventilation purposes and must not be obstructed. Clean the ventilation grilles regularly. If an object or liquid gets into the set, unplug the set immediately and have it checked by an approved technician.

**Environment friendly** - Only ecologically high-grade materials are used. The packing consist of almost 100% recycled paper, its plastic parts have been reduced to a minimum. To facilitate service and optimum recycling, this receiver has been designed in a specially disassembly-friendly and recycling friendly way. The batteries supplied are free of mercury and cadmium. Do not dispose of used batteries, also those free of heavy metals, together with domestic waste. If you are not using the receiver for a lengthy period (including overnight), please switch it over to standby. This saves energy.

 This symbol on your set guarantees that your product complies with the European directive 89/336/CEE, 73/23/CEE, 93/68/CEE on safety, electromagnetic compatibility and marking aspects.

 This symbol indicates “Dangerous voltage” in the set. It represents the risk of electric shock or bodily injury.

The receiver can be upgraded by means of free updates downloaded over the air whose purpose is to improve product behaviour. You should know that the proposed update is irreversible so you are given the option of refusing it. **IT IS POSSIBLE THAT THE FUNCTIONS CONTAINED IN THE SOFTWARE DO NOT CORRESPOND TO YOUR REQUIREMENTS OR FAIL TO GIVE THE RESULTS YOU ANTICIPATED. INSTALLING THIS SOFTWARE COULD MODIFY THE WAY YOUR PRODUCT WORKS.**

## 2. Quick start: about connections and installation

### 2.1 Connections

Please follow figures 1 to 3 for a standard installation.

*Note: Before plug in the receiver, you should connect at least the aerial antenna cable and the TV scart. Others connections are optional.*

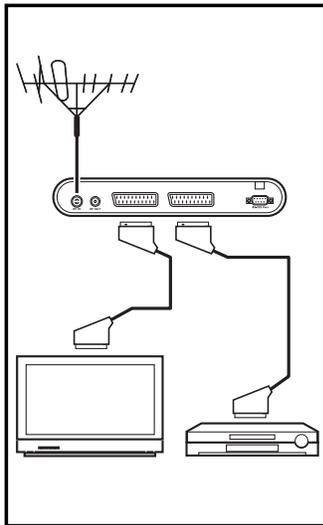


Figure 1: DTI 652

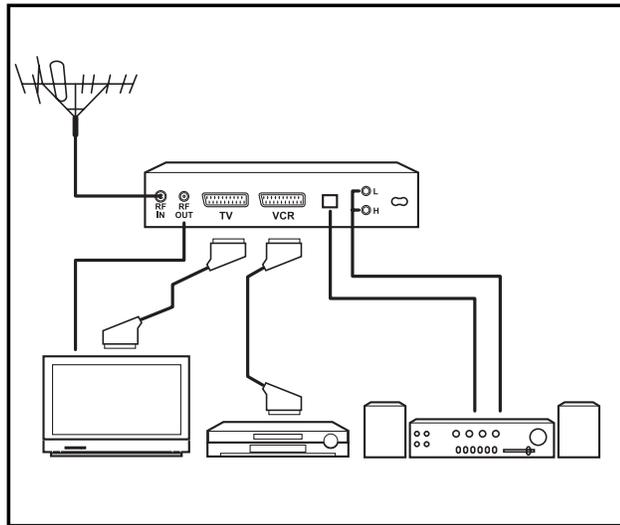


Figure 2: DTI 1004

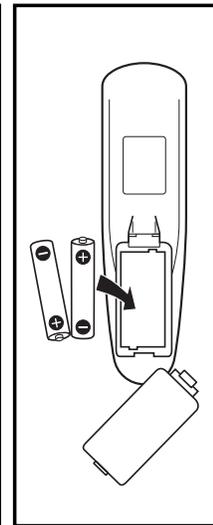


Figure 3: inserting batteries

#### Warning

If you are not sure how to connect your receiver, do not take the risk of doing it yourself. Ask your dealer to do it for you. He is specially trained by our technicians and can get the best performance out of your receiver.

#### Important: about DTI1004 connections

If you use an indoor antenna requiring a specific powering by RF cord, please switch the value to **ON** in the installation menu (see **Menu/Installation/Terminal/Antenna**) and then launch the channels installation (see **Menu/Installation/Channels**).

If you use the RF modulator connection, please switch the value to **ON** in the installation menu (see **Menu/Installation/Terminal/Connection**) and then switch your TV on the channel 62.

*Note that if the UHF Channel numbers of the receiver and the TV set are not set the same, no picture will be displayed.*

#### Disclaimer

Note that the availability of digital services in your particular location is dependent on the transmitter(s) available to your receiving aerial and the configuration of your existing reception equipment. Please check with your dealer or installer.

## General Information

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### 2.2 Installation

#### Standard settings

The first start is done automatically in one click : Once the decoder is **ON**, just choose your menu language, confirm by **OK** and let the decoder automatically start the installation of channels.

#### Personal settings

Pour régler vos préférences personnelles pour votre adaptateur (par exemple format TV, langue, réglages) To install your receiver with your personal preferences (like TV format, language, time settings), please follow **Menu/Installation/Terminal**.

To display and browse through the menu, press the **MENU** button and follow the guidelines in chapter 3. **Important:** Be careful when using **Factory Reset**, because it will erase all the data and parameters you may have set earlier on your receiver (PIN code factory setting is '0000'). Once you have made a **Factory Reset** you will have to re-scan your channels and re-install your preferences.

## 3. Navigation clues

### 3.0 Navigation through the menu

1. Press the **MENU** button to open the menu entry page.
2. Use the **▲/▼** and **◀/▶** buttons to highlight your choice in a list.
3. Press **OK** to open the sub-menu or confirm the selection.
4. Press **BACK** to return to the previous screen or **EXIT** to return to the viewing mode.

### 3.1 Overview

**Always read the help bar displayed at the bottom of your screen.**

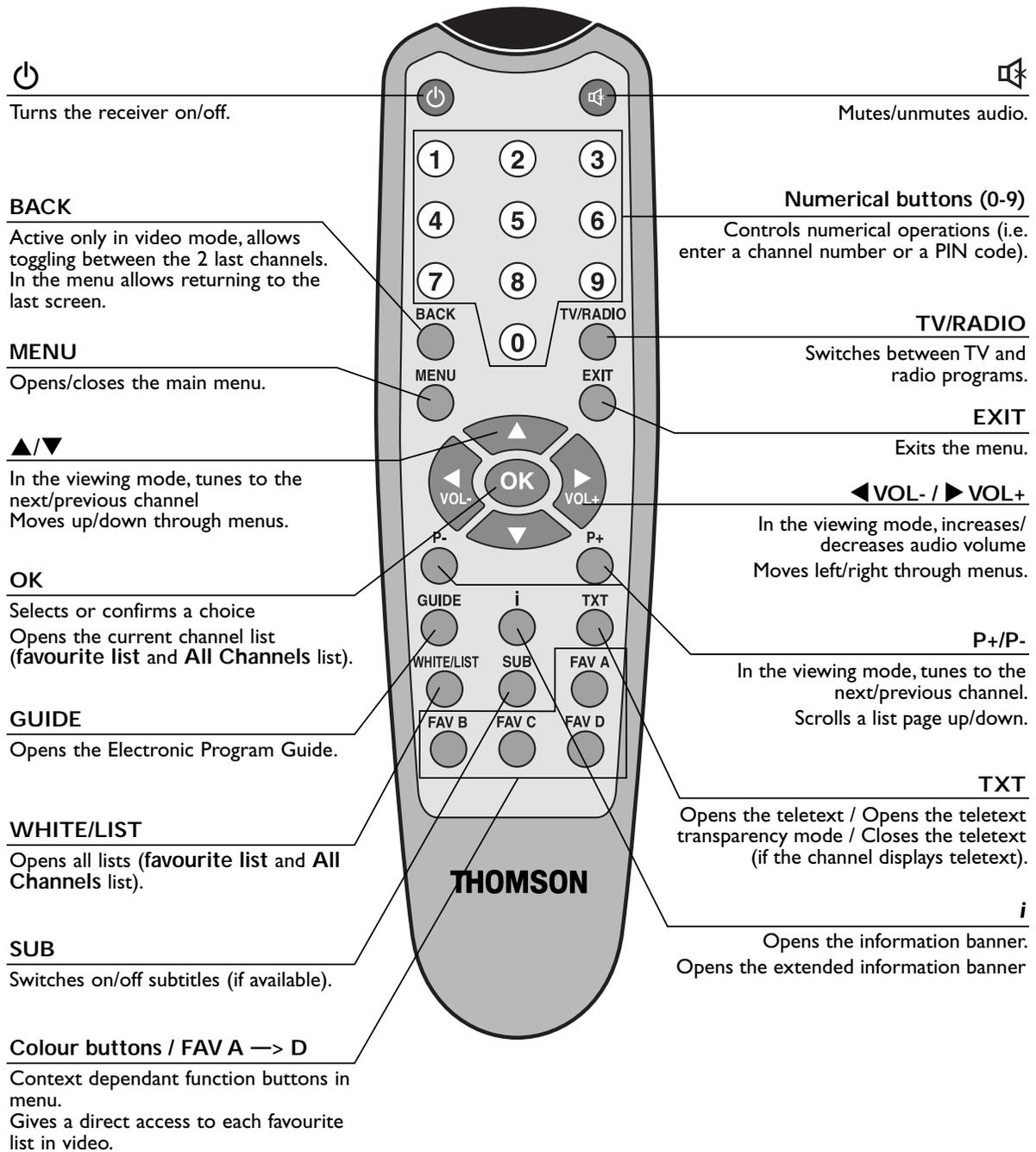
- In the menu, EPG, banner and channel list, instructions on availability of further functionalities and on active remote control buttons are given on screen.
- The TV Banner automatically displays when you tunes to another channel. To change the display duration of the TV Banner go in **MENU/Installation/Terminal/Menu settings/Banner Duration**.
- To display the Information Banner, press the **i** button.
- To display the extended Information Banner (with synopsis of the currently viewed program), press the **i** button twice.
- To display the current TV list, press the **OK** button then **EXIT** to exit the list.
- For EPG (Electronic Program Guide) direct access, press the **GUIDE** button.
- For switching between the TV or the Radio services list, press the **TV/RADIO** button.
- If your channel has teletext features, then for teletext direct access, press the **TXT** button.
- For DVB Subtitling see **Menu/Installation/Terminal/Language** or press **SUB** button.
- For a direct access to a favourite list (if Favourite Lists have already been created), press the **colour** buttons.
- To display all lists (**Favourite lists** and the **All Channels** list), press the **WHITE/LIST** button. Select the desired list with the **▲/▼** buttons and press **OK** to switch to the selected channel list.

To benefit from our policy of continuous improvement, note that this set-top box is upgradeable through download "over the air".

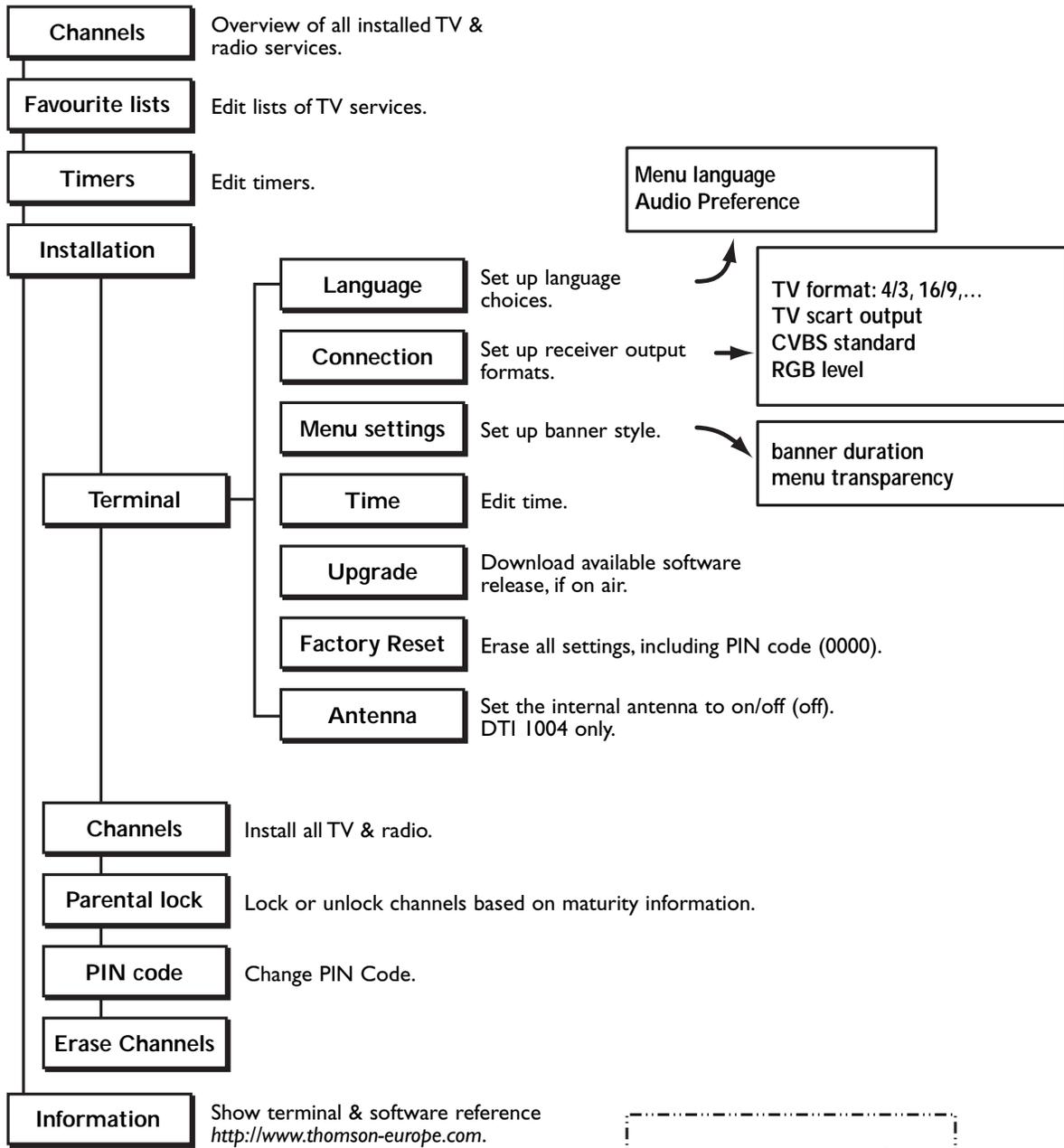
Therefore we highly recommend you to try regularly to update your set using the manual activation in the menu (see **Menu/Installation/Terminal/Upgrade**).

### 3.2 Remote Control and behaviour

- When the adapter is running, the LED is green; in standby mode the LED is red.



## 4. Chart of menus



Note : value set by default is shown under brackets (e.g.).

### 4.1 Channels

This sub-menu gives an access to the **All channels** list.

1. Press the **MENU** button.
2. Using **▲/▼** buttons, select **Channels** then press **OK**.

The 'All channels' list displays on the left while you can view in a resized video picture on the right the current program of the highlighted channel. This sub-menu allows you to reorganize the **All channels** list and set a channel protection on some channels.

*Note: For a direct access the 'All channels' list without reorganizing channels, press the **WHITE/LIST** button, select **All channels** and press **OK**.*

#### Delete Channels from the channel list (to remove unwished channels):

1. Use the **▲/▼**, buttons to select the channel to remove from the list.
2. Press the **(Red)** button. A red garbage bin displays on the right of the channel name.
3. Press **OK** button to delete all channels selected with the red garbage bin, or press **EXIT** to cancel this operation.

#### Move Channels from the channel list (to modify the P+/P- order):

1. Use the **▲/▼** buttons to select the channel to reorder in the list.
2. Press the **(Green)** button to display a green twin-arrow icon on the right of the channel name.
3. Use the **▲/▼** buttons to move the selected channel to its new position in the list.
4. Press the **(Green)** button to insert it.

#### Lock/unlock Channels from the channel list (to set/delete a PIN code to view some channels):

1. Use the **▲/▼** buttons to select the channel to lock.
2. Press the **(Yellow)** button to display a yellow lock icon on the right of each channel to lock.
3. Press the **OK** button.
4. Enter the decoder PIN Code to lock all channels selected with a yellow lock icon.

*Note 1: The procedure to unlock a channel is similar.*

*Note 2: Prior to any PIN Code change, the PIN Code factory setting is '0000'.*

3. Press the **EXIT** button to view the highlighted channel on full screen.

### 4.2 Favourite lists

1. Press the **MENU** button.
2. Use the **▲/▼** buttons to highlight **Favourite List** then press **OK**. The **All channels** list displays.
3. Use the **colour** buttons to assign/unassign channels of the **All channels** list to one or several Favourite List(s).

You can set up to 4 Favourite lists, each defined by a colour (List A uses RED color; B uses GREEN, C uses YELLOW and D uses BLUE).

*Note: For a direct access to all lists (favourite A to D and All channels) press the **WHITE/LIST** button.*

4. Press the **OK** button to save the favourite list(s). A pop-up message displays.
5. Press the **EXIT** button to return to the viewing mode.

*Note: In the viewing mode, each favourite list can be directly accessed by using the **colour** buttons on the remote control.*

## General Information

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### 4.3 Timers

The timer can automatically switch on or off your receiver at any time, start a record by setting the stream on your VCR SCART with or without having your TV on and foresee a zapping to an expected channel. You can set up to 8 different timers. To use timers, please apply the following steps:

1. Press the **MENU** button.
2. Using the **▲/▼** buttons on your remote, select **Timers** and press **OK**.
3. Using the **▲/▼** buttons on your remote, select **Manual setting** and press **OK**.
4. Fill the following fields:
  - **Timer number**: You can select up to 8 different events.
  - **Status**: Set to **Enable** to use the timer function, or **Disable** to stop the timer functions of the selected timer number.
  - **Repetition**: You can set the cycle of the action designated in the timer mode (**Once, Daily, Weekly**).
  - **Purpose**: select in the list (**Power off/ Power on/ Power on-off/ Zap to Channel/ VCR Record**) the action you want the timer to do.
    - **Power off**: This is the sleep timer setting with Date and Time.
    - **Power on**: This is the wake up timer setting with Date and Time.
    - **Power on-off**: This is a combination of the two previous Timers.
    - **Zap to Channel**: Set the Date and Start Time first and setup a channel to zap to. When the time comes, the system will automatically jump to the selected channel.
    - **VCR Record**: this timer setting is used when you want to record a TV program with a VCR set.
      - Set **Date, Start Time, Stop Time** and select a channel you want to record with VCR in **Channel** setting. When it is the **Start Time** during a program, the system will automatically switch to the service via TV SCART for VCR recording. When the **Stop Time** comes, the unit will resume to former status. If the unit stays in STANDBY status, when it is the **Start Time**, the unit will wake up and shift to the service transmitted to VCR via TV SCART to be recorded, and resume to normal status on the **Stop Time**.
      - (Such function allows the unit to transmit various TV programs to VCR for recording)
  - **Date and Time**: Set the date and time at which this timer will occur using the **numerical** buttons.
  - **Channel**: Set the TV channel to be used by the timer.
5. Press the **OK** button to save the timer and **EXIT** to return to the viewing mode.

*Note: To display the global list of enabled timers select **List of Timer** from the **Timer** sub-menu main page.*

### 4.4 Parental Lock

The Parental Control function allows you to control access to TV programs with a rating of **Maturity Level**.

1. Press the **MENU** button.
2. Using the ▲/▼ buttons on your remote, select **Installation** and press **OK**.
3. Using the ▲/▼ buttons on your remote, select **Parental lock** and press **OK**.
4. Enter the PIN code.

*Note: Prior to any change, the PIN code factory setting is '0000'. You can modify the PIN Code in the menu **MENU / Installation / PIN code set up**.*

5. Enable the activation of the **Parental Lock**.
6. Define the Maturity rating (from 4 to 18 years old).

To view programs protected by a parental control, you have to enter a correct pin code.

### 5. Guide

Press **GUIDE** on the remote control to enter the Electronic Program Guide.

1. Select the EPG date with ◀ or ▶, button, and scroll through the detailed information with ▲ or ▼ button.
2. Press **EXIT** to return to the viewing mode or **OK** to set a timer based on this EPG information. Regarding the timer setting operation, please refer to item "4.3.Timer/Manual Setting".

*Note 1: When you view a program, pressing **i** button allows you to display information of the currently viewed channel (present/next program). You may also have the possibility to change options in this Information Banner (Subtitle/Audio languages and Audio channels). The availability of subtitle and audio languages is depending of the current broadcasted program. Use the ▲/▼ buttons to highlight the option you want to modify, then use the ◀ or ▶ buttons to make a selection (i.e. for audio channel, you may choose between 'Stereo, Left or Right Audio').*

*Note 2: A second click on the **i** button will enable you to view the extended Information Banner. Press **EXIT** to exit this banner.*

## General Information

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### 6. Main features

#### DTI 652 and DTI 1004

- Reception of digital TV and radio DVB services.
- MPEG2 - DVB-T ETSI 300 744 compliant
- VHF - UHF bandwidth reception.
- 2 Scart connectors: connection of the decoder to TV (CVBS/RGB) and VCR (CVBS).
- Multi lingual user friendly on screen menus (English, French, German, Swedish, Finnish, Spanish, Italian, Greek, Czech, Arabic)
- through 256 colors On Screen Display (OSD).
- Easy to use Remote Control Unit.
- EPG (Electronic Program Guide) with now & next and 7 days events ready.
- Information Banner (including synopsis of the current program)
- Channel organizer (including resized video window).
- Embedded Teletext subtitles and Teletext magazine decoder.
- DVB Subtitling - ETSI 300 473 compliant.
- 2 preferred audio and 2 preferred subtitles languages selection.
- Up to 4 Favourite lists.
- Parental Lock by PIN code (0000 default value).
- Software upgrade over the air.
- Timers available to trigger programs (recording in the VCR for instance).
- Fast and easy first install.
- Operating consumption power < 10W.
- Main supply 230V, 50/60 Hz.

#### DTI 1004

- Very low power consumption standby mode (<0.3W).
- 2 Audio RCA connectors (Left & Right): connection to home audio system.
- SPDIF coaxial connector: connection of the decoder with a Home Cinema amplifier.
- UHF modulator (Ch21-69), Pal BG, DK, I, SECAM.
- Indoor active antenna powering by RF cord (5V, 30mA) and activated by software.

**Disclaimer:** Reception of digital channels may depend on the type and condition of existing aerial equipment and installation.

*THOMSON reserves the right to modify the specifications and pictures mentioned in this document at any time and without prior notice. Therefore information contained in this user manual is not contractual. For a full and updated description, see <http://www.thomson-broadband.com>.*



*This symbol means that your inoperative electronic appliance must be collected separately and not mixed with the household waste. The European Union has implemented a specific collection and recycling system for which manufacturers' are responsible.*

*This appliance has been designed and manufactured with high quality materials and components that can be recycled and reused. Electrical and electronic appliances are liable to contain parts that are necessary in order for the system to work properly but which can become a health and environmental hazard if they are not handled or disposed of in the proper way. Consequently, please do not throw out your inoperative appliance with the household waste.*

*If you are the owner of the appliance, you must deposit it at the appropriate local collection point or leave it with the vendor when buying a new appliance.*

*- If you are a professional user, please follow your supplier's instructions.*

*- If the appliance is rented to you or left in your care, please contact your service provider.*

**Help us protect the environment in which we live!**

## 7. Trouble shooting

If the receiver does not work properly after checking the trouble shooting section, please contact the dealer.

**Warning:** never open your set yourself.

Symptoms	Cause	Solution
The green/red lights on front panel do not light up.	The power cord is not plugged in.	Check that the power cord is plugged into the wall outlet.
No picture and sound.	TV is set to wrong channel.	Check if the TV is switched on and set your TV to the correct EXT / AV or UHF channel.
No picture and sound.	Problem in cable connections between receiver and TV.	Check if the scart and/or RF cable is connected correctly to the TV and to the back of the receiver. Replace the scart cable
No picture and sound.	Receiver "hang-up".	Switch off receiver; disconnect the main power cord of the receiver from the 230V mains. After 30 seconds reconnect to the main power and check if it is working properly.
No picture and sound.	The receiver or TV is in "mute" mode.	Press the <b>MUTE</b> key on the remote control of your receiver and/or TV.
The receiver displays the message "no signal" during bad weather conditions (heavy rain or snow).	This is normal, the bad weather is interfering with the signal.	Once the weather is better the picture will appear. If not check your antenna or call your dealer.
The receiver displays the message "no signal".	Wrong reception.	Check your connections.
The receiver displays the message "no signal".	Wrong parameters set in the menu.	Check settings in antenna and channel set up menu.
The receiver displays the message "no signal".	Wrong alignment of the antenna.	Ask your dealer to check the outdoor antenna unit and antenna cable.
For the DTI 1004 - First installation failure.	Antenna.	If you use an indoor antenna requiring a specific powering by RF cord, please switch the value to <b>On</b> in the installation menu (see <b>MENU/Installation/Terminal/Antenna</b> ) and restart the installation by <b>MENU/Installation/Channels</b> .
The remote control is not working.	The batteries of the remote control are not inserted or exhausted.	Check the batteries.
The remote control is not working.	Receiver is in very low power standby.	Press the <b>Standby</b> button on the receiver.
For the DTI 652 - The menu is in a language I don't understand.	The menu language has been changed without you knowing it.	To change the menu language, follow the steps described below: 1. Press the <b>MENU</b> button. 2. Press 3 times the <b>▼</b> button. 3. Press 3 times <b>OK</b> . 4. Use the <b>◀ / ▶</b> buttons to select your preferred menu language. The menu language has now been changed.

Model and serial number

# DTI series 652 / 1004

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