

<b>1. INTRODUCTION.....</b>	<b>2</b>
1.1 SAFETY INSTRUCTIONS.....	2
1.2 HHT895 FEATURES INCLUDE: .....	3
1.3 ACCESSORIES INCLUDED WITH YOUR RECEIVER:.....	4
<b>2. INSTALLATION .....</b>	<b>4</b>
2.1 FRONT PANEL.....	4
2.2 REMOTE CONTROL UNIT BATTERY CARE.....	4
2.3 REMOTE CONTROL UNIT FUNCTIONS .....	5
2.4 RCU RECORDER KEY FUNCTIONS.....	6
2.5 REAR PANEL.....	6
2.6 CONNECTION .....	7
<b>3. MAIN MENU .....</b>	<b>8</b>
<b>4. EDIT CHANNELS .....</b>	<b>8</b>
4.1 TV CHANNEL LIST.....	9
4.2 DELETE ALL .....	10
<b>5. INSTALLATION .....</b>	<b>10</b>
5.1 AUTO SCAN .....	11
5.2 MANUAL SCAN .....	11
5.3 AERIAL ADJUSTMENT.....	11
5.4 LCN LOGICAL CHANNEL NUMBERING.....	12
<b>6. SYSTEM SETUP .....</b>	<b>12</b>
6.1 LANGUAGE .....	12
6.2 TV SYSTEM .....	12
6.3 LOCAL TIME SETTING .....	12
6.4 TIMER SETTING .....	13
6.5 PARENTAL LOCK .....	13
6.6 OSD SETTING .....	13
6.7 RENAME FAVORITE.....	14
6.8 AUTO POWER-DOWN.....	14
<b>7. TOOLS.....</b>	<b>14</b>
7.1 INFORMATION.....	14
7.2 LOAD FACTORY SETTING.....	14
7.3 UPDATE BY USB .....	15
7.4 USB DEVICE .....	15
7.5 REMOVE USB DEVICE SAFELY .....	15
<b>8. GAME .....</b>	<b>15</b>
<b>9. REC (RECORDER).....</b>	<b>16</b>
9.1 RECORDING MANAGER.....	16

9.2 RECORDER HDD INFORMATION .....	16
9.3 HDD (STORAGE DEVICE) FORMAT .....	16
9.4 DVR (RECORDER) CONFIGURATION .....	17
9.5 RECORD PROGRAM.....	17
9.6 RECORD TYPE.....	17
9.7 TIME SHIFT .....	17
<b>10. INTRODUCTION TO OTHER FUNCTIONS .....</b>	<b>18</b>
10.1 PROGRAM INFORMATION .....	18
10.2 ELECTRONIC PROGRAM GUIDE.....	19
10.3 FAVORITE LIST .....	19
10.4 VOLUME CONTROL .....	19
<b>11. TECHNICAL SPECIFICATION .....</b>	<b>20</b>
<b>12. TROUBLESHOOTING.....</b>	<b>21</b>
<b>13. TWELVE MONTH WARRANTY.....</b>	<b>22</b>

## 1. Introduction

Your healing HHT895 is a Television receiver that includes a wide range of useful functions. Please make sure you read this manual before installing your receiver.

### 1.1 Safety Instructions

#### **DO NOT INSTALL YOUR RECEIVER:**

- In a closed or poorly ventilated cabinet;
- Directly on top of or under any another equipment;
- On a surface which might obstruct the ventilation slots.

#### **DO NOT EXPOSE THE RECEIVER OR ITS ACCESSORIES:**

- To direct sunlight or near any other equipment that generates heat;
- To rain or intense moisture;
- To any shock which may cause permanent damage to your receiver;
- To any magnetic objects, such as loudspeakers, transformers, etc.;
- To intense vibration;
- Never open the cover. High Voltage electrical hazards make it dangerous to touch the inside of the receiver. Your warranty will be void if the receiver has been opened.
- When the receiver is not used for a long period of time, you should unplug the power cord from the wall socket.
- Do not touch with wet hands or use if power lead is damaged, it may cause electric shock.
- Place the receiver in a well-ventilated environment that allows heat to dissipate.
- When connecting cables, ensure that the receiver is disconnected from mains power.
- Do not use your receiver in a humid environment.

## 1.2 HHT895 Features Include:

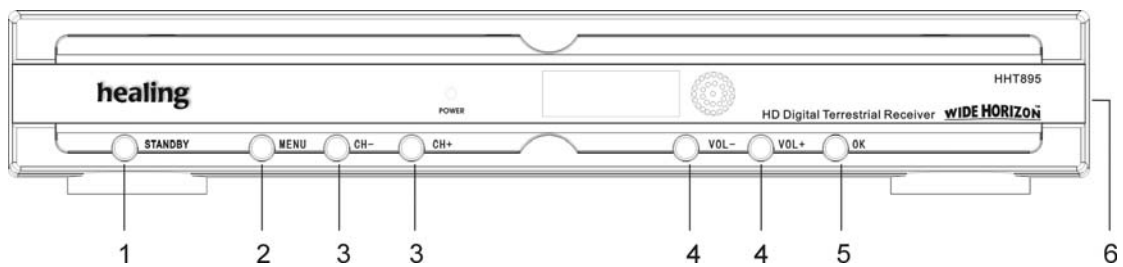
- Receives HD and SD Digital Terrestrial TV broadcasts
- USB 2 recorder with Time-Shift, supports most USB keys and HDD's
- 8 Recording Timers with once, daily or weekly modes & sleep/wake timer
- Also plays jpeg and mp3 files
- Excellent Audio & Video quality
- Simple to connect with all outputs active simultaneously
- HDMI Component Composite and RF outputs
- 1,000 channel memory capacity
- User-friendly On Screen Display and Menu system
- Signal Quality and Intensity indicator bars
- Scans fast, accepts a broad range of parameters
- 5V DC for amplifiers etc. available at input
- Electronic Program Guide (EPG) program information up to 7 days +
- Edit TV or Radio program names
- Parental channel and menu Lock function
- Sub Title (Closed Caption) and Teletext functions
- Multi-lingual On Screen Menu system in: English, French,  
German, Italian, Spanish, Portuguese, Russian, Polish, Swedish,  
Greek, Danish, Croatian, Dutch, Finnish, Hungarian & Slovenian
- 8 Favorite lists for groups of TV and Radio programmes
- Last viewed channel and sound level resumes at start up
- Firmware upgrade by USB key
- Calculator with Tetris, Othello & Sudoku Game functions
- Front panel LED display shows Channel Number or Time
- Local Time Setting fully adjustable by user
- Logical Channel Numbering (LCN) user selectable
- Auto Power – down, select from 1hr, 3hr, 5hr or Off
- Separate power switch simplifies re-boot and mains power disconnection
- Earthed mains lead for better results from weak signals
- Fully functional with MPEG4 / H264 and MPEG2 streams
- Inbuilt RF Modulator shows HD program on old and new TV's

### 1.3 Accessories Included with your receiver:

- 1 x User's Manual
- 1 x Remote Control Unit
- 2 x Batteries (AAA type)
- 1 x RCA AV interconnect cable

## 2. Installation

### 2.1 Front Panel



Front Panel drawing

1. **STANDBY** key Switches the receiver between Standby and Operational states.
2. **MENU** key Displays Main Menu or return to previous Menu.
3. **CH- / CH+** key Moves cursor Up or Down in Menu state, changes to previous or next program in Non-Menu state.
4. **VOL-/VOL+** key Increases or decreases Audio volume level in Non-Menu state. changes setting values in specific Menu items.
5. **OK** key Executes selected Menu item in the menu or confirms an input value.
6. **USB2.0** slot (on the side of receiver) Connect an external USB key or Hard Disk Drive to Record or Play program material, play MultiMedia files or upgrade firmware.

### 2.2 Remote Control Unit Battery Care

To ensure long life from your Remote Control Unit:

1. Double check that the polarity indicators of batteries and RCU terminals correspond.
2. Do not mix new and old or different types of batteries together.
3. Never leave old or exhausted batteries in the remote control.
4. If storing your receiver for weeks or longer, remove the batteries from the RCU.
5. Only rechargeable cells (NiMh etc.) should be recharged, and on a purpose built charger.
6. Do not attempt to disassemble, short-circuit, heat or throw batteries into fire.
7. In the event electrolyte fluid does leak from a battery inside the remote control, wipe away with a damp cloth, rinse the cloth thoroughly and insert new batteries.

\*Damage to your RCU from leaking battery electrolyte is not covered by Warranty.

## 2.3 Remote Control Unit Functions



**Power** Key: Switches receiver On and Off, (Standby and Operational).

**Mute** Key: Mutes the receivers Audio outputs.

**0-9** keys: Selects channels by number and provides number input to functions where required.

**V.F** key: Video Function, selects video output from: Native TV, 480i, 480p, 576i (default), 576p, 720p 50Hz, 720p 60Hz, 1080i 25Hz and 1080i 30Hz.

**TV/R** key: Switches between TV and Radio mode.

**MENU** key: Shows the Main Menu and exits to Normal viewing mode from any Menu level.

**EXIT** key: Exits Menu or Sub-Menu and cancels functions in progress.

**OK** key: Displays Channel List for TV or Radio Mode or activates Menu Item highlighted on screen

**▲ ▼** keys: Select the Next or Previous program, when menu off or moves cursor Up or Down when in Menu mode.

**◀ ▶** keys: Increase or decrease Audio volume level when menu off or changes setting values within a menu mode.

**FAV** key: Switches Favorite channels mode ON or OFF.

**EPG** key: Displays Electronic Program Guide (EPG) when Menu mode is off.

**V+ / V-** keys: Increases or Decreases Audio volume level.

**AUDIO** key: Switches between Stereo ((•)), Left-Mono ((• or Right-Mono •)).

**INFO** key: Shows tuned Program Information

**FIND** key: Lists recordings available on your external USB storage device.

**P+ / P-** keys: Selects the Next or Previous Program.

**RCL** key: Selects last channel viewed.

**PAUSE** key: *TimeShift, Multi Media or normal viewing* Freeze and Resume.

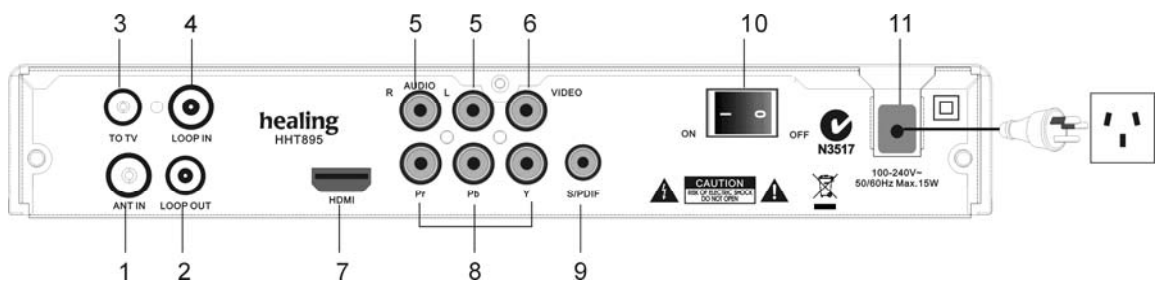
**SUB** key: Displays a list of subtitled languages the tuned channel supports.

**TEXT** key: Displays any Teletext on tuned channel.

## 2.4 RCU Recorder key functions

- |   |   |
|---|---|
| ⏸ key: <b>【PAUSE】</b> key: Pause        | ⏮ key: Last                                 |
| ⏭ key: Next                             | ⏺ key: Record for Recorder and Media Player |
| ▶ key: Play for Recorder & Media Player | ⏪ key: Fast Reverse                         |
| ⏩ key: Fast Forward                     | ⏹ key: Stop                                 |

## 2.5 Rear Panel

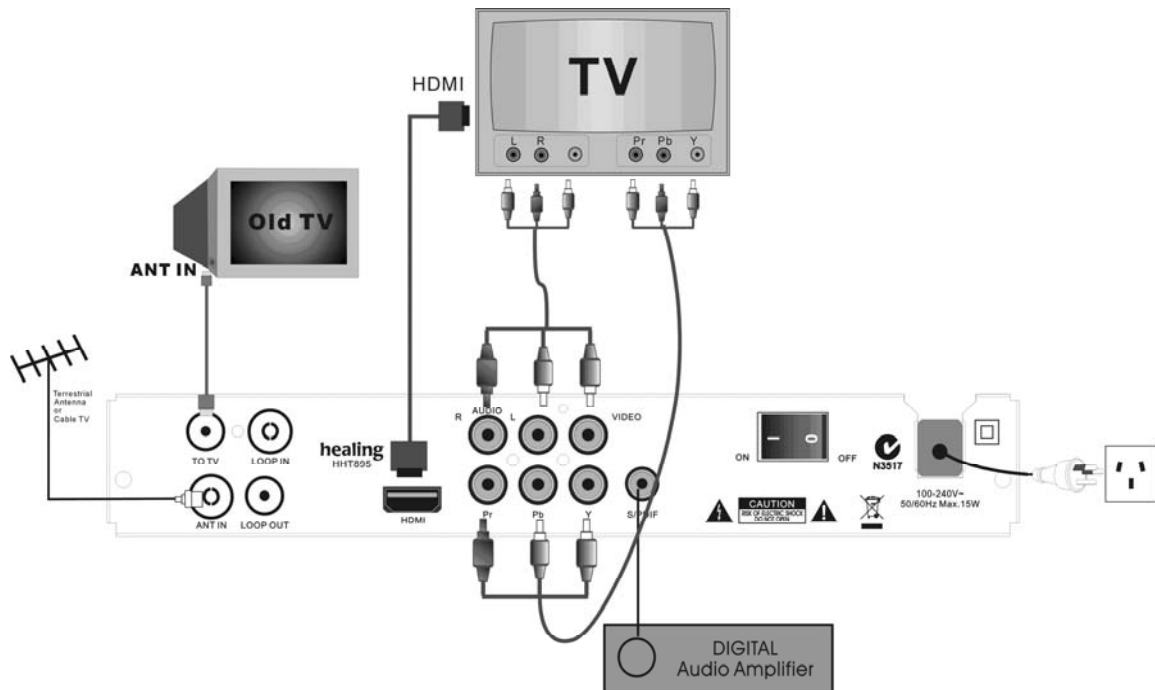


Rear Panel drawing

1. **ANT IN** Input from TV Antenna.
2. **LOOP OUT** Antenna Loop Out, inactive when receiver in standby.
3. **TO TV** Modulator output, connect to TV without AV input.
4. **LOOP IN** Input to mix with internal RF modulator.
5. **AUDIO Left and Right** Audio out for your TV or an external amplifier, RCA fem. x 2.
6. **VIDEO** Composite Video (CVBS) SD Analogue output for TV's etc. RCA female.
7. **HDMI** Video & Audio output, optimum quality – HD Digital AV, all in 1 connector.
8. **Y, Pb, Pr** Component Video out, HD Analogue RCA female x 3.
9. **S/PDIF** Coaxial digital Digital Audio out, for external decoders etc. RCA fem. x 1.
10. **Power ON/OFF Switch** isolates mains power to simplify receiver re-boot.
11. **Power Cord** requires 100 - 240V AC (Auto selected), 50 - 60Hz @+/-5%.

## 2.6 Connection

**Note: Before connecting, unplug power from all devices.**



Connection drawing

### 2.4.1 Connecting a Terrestrial Antenna

The cable from a functional terrestrial antenna must be connected to the ANT IN connector at the back of the receiver, before the receiver can display broadcasts.

### 2.4.2 TV Connection Options

1. For older TV's without AV Inputs, connect receivers antenna output connector marked TO TV to the antenna input of the TV. Tune the TV to the RF output channel 38 to see pictures and hear sound. Cable should be purchased separately.
2. Composite; connect the Video, Audio Left, and Right RCA output connectors at the back of the receiver to the corresponding input connectors on your TV set. Cable included.
3. For Component; connect the Y, Pb, Pr with Audio Left and Right RCA connectors to the corresponding inputs on your TV receiver. The RCA leads included can be used for this task.
4. For HDMI; connect the HDMI connector at the back of the receiver to a HDMI input on your TV set. HDMI cable must be purchased separately.

### 2.4.3 Connecting to a Digital Audio Amplifier

Connect SP/DIF RCA output connector at the back of your receiver to a corresponding digital audio decoder input.

## 2.5 Start Up

Once your receiver is connected, switch the power to the receiver and TV on and prepare to scan and install.

1. Welcome frame will appear On Screen.
2. Press the **[OK]** key to start scan. As each channel is found, "OK" appears next to it.

Channel (or Mux) contents appear at the top of the OSD panel. (Duplicate channels from secondary transmitters will display in the channel list with a 3<sup>rd</sup> number.) Default parameters set your receivers output at 576i so a picture will

show on any TV. To select higher resolution press the **[V.F.]** key or select via Main

Menu, System Set Up, TV System, Video Resolution. Press **[EXIT]** , **[EXIT]** ,

**[EXIT]** to return to normal operation.

## 3. Main Menu

Your receiver contains a unique user interface designed to simplify access to functions.

To Operate:

- Press the **[MENU]** key to display the main menu (when in TV/Radio mode).  
The default "Edit Channel" with Screen icon or last Sub-Menu used appears.
- Press the **[▼]** or **[▲]** keys to move up or down to your selection.
- Press the **[OK]** key to go to sub-level of selected menu item.
- Press the **[▼]** or **[▲]** keys again to move up or down to your selection.
- Press the **[▼]** , **[▲]** , **[◀]** or **[▶]** and **[OK]** keys to activate your selection.
- Press the **[EXIT]** or **[MENU]** keys to exit and close all menus.



## 4. Edit Channels

In the Main Menu, press the **[▼]** or **[▲]** keys to select the "Edit Channel" icon. Press the **[OK]**, **[◀]** or **[▶]** keys to highlight "TV Channel List", "Radio Channel List" or "Delete All" items.



## 4.1 TV Channel List

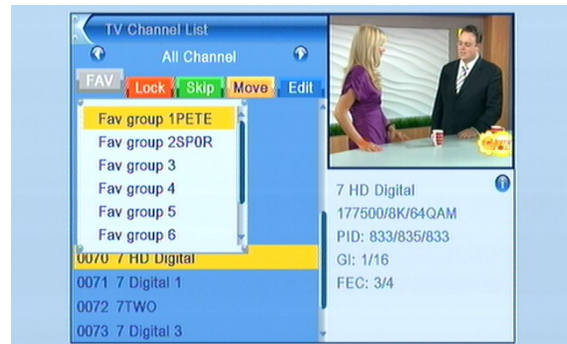
You can Lock, Skip, Move or Edit channels in the “TV Channel List” or “Radio Channel List” Menu.

### 4.1.1 FAV Favourite Channels

From Edit Channel “TV Channel List” menu, press **【OK】** to enter “All Channel” sub-menu.

Press the Grey **【FAV】** key to enter the TV Channel List. “FAV” icon jumps up to confirm.

Press **【▼】** or **【▲】** to select a channel. Press the **【OK】** key to display the Favourite group list. Press **【▼】** or **【▲】** keys to select a Favourite group, and press the **【OK】** key to confirm. Press **【EXIT】**, **【EXIT】**, **【EXIT】**. Receiver asks “Are you sure to save?” to which you reply “YES” by pressing the **【OK】** key.



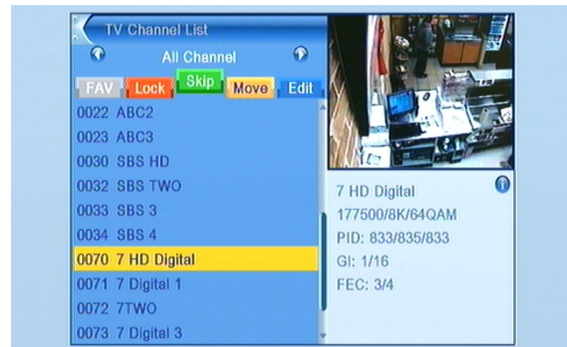
### 4.1.2 Lock

In Edit Channel “TV Channel List” “All Channel” sub-menu, select a channel to Lock by pressing the **【▼】** or **【▲】** keys. Then press the “RED” RCL key and **【OK】**. Receiver prompts you to “Input Password”. When entered press **【OK】** again to enable Lock. If **【OK】** is pressed again the selected channel is unlocked.



### 4.1.3 Skip

From Edit Channel “TV Channel List” All Channel sub-menu, select a channel to Skip by pressing the **【▼】** or **【▲】** keys. Press “GREEN” PAUSE key and **【OK】** key to skip. Press **【EXIT】**, **【EXIT】**, receiver prompts “Are you sure to save?” Press **【OK】** to finalize Skip channel.



#### 4.1.4 Move

In Edit Channel “TV Channel List” All Channel sub-menu, select a channel to Move by pressing **▼** or **▲** keys. Press “YELLOW” SUB key and **OK** key to mark it. Press the **▼** or **▲** keys to move this channel to the position where you want to move it to. Press the **OK** key to execute Channel Move.



#### 4.1.5 Edit

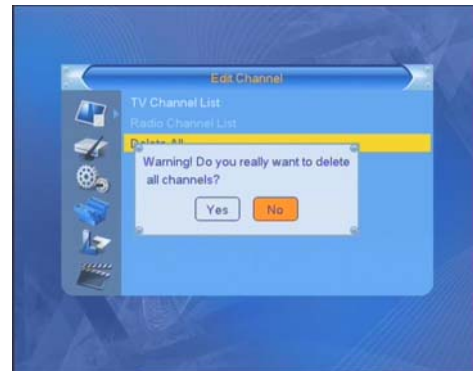
From Edit Channel “TV Channel List” All Channel sub-menu, press the “BLUE” TEXT key to enter the Edit sub-menu. From here you can:

- **Sort** channels by pressing “RED” key.
- **Edit** rename with the “GREEN” key.
- **Delete** with “BLUE” and “OK” keys.



#### 4.2 Delete All

From the “Edit Channel” menu, press **▼** or **▲** keys to select “Delete All”, and press **OK** key. Receiver prompts “Warning! Do you really want to delete all channels?” Press **◀** or **▶** keys to select “YES” and **OK** to action.



### 5. Installation

From Main Menu, press **▼** or **▲** keys to select the “Installation” Sub-Menu and icon. Here you can select “Auto Scan”, “Channel Scan”, “Aerial Adjustment” and “LCN”.



## 5.1 Auto Scan

From “Installation” menu, select “Auto Scan” sub-menu. Select this option to find all channels in the standard frequency range. “FTA Only” select “Yes”. Select “Search” and press the **【OK】** key. Starting with channel 6 (Au) your receiver begins, identifying active channels On Screen with “OK” and listing the channels found. Scan can be shortened by pressing the **【EXIT】** key at any pointy. Receiver prompts “Search End!”, to which you must press the **【OK】** key to save. Press **【EXIT】**, **【EXIT】**, **【EXIT】**.



## 5.2 Manual Scan

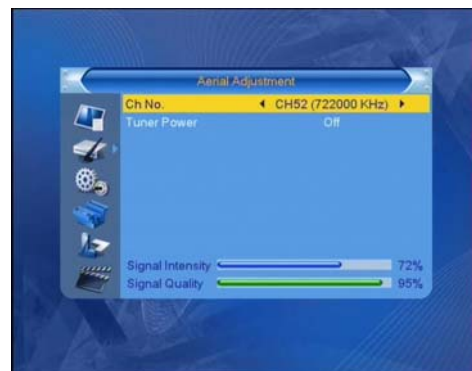
From “Installation” menu, select the “Channel Scan” sub-menu. Select “Scan mode” to “By Channel Number” or “By Frequency”.

- When scanning “By Channel Number”, you must set “Scan Band” to either “VHF” or “UHF”, and set “Channel Number” and press the **【OK】** key to search selected channel.
- When scanning “By Frequency”, you must set Centre “Frequency in KHz” and “Band Width” (7MHz Aus. 8MHz Eur. and N.Z.). When set, move the cursor to “Search” and press the **【OK】** key to search selected channel. The “Signal Quality” bar activates when the parameters are correct.



## 5.3 Aerial Adjustment

Allows you to align your TV Antenna for best signal Quality. From “Installation” menu select the “Aerial Adjustment” sub-menu. Here you can select channel number and “Tuner Power” (5V DC for antenna preamplifiers). ***\*As many antennas are an electrical short circuit, DO NOT SWITCH ON UNTIL A PREAMPLIFIER IS CONNECTED\****



## 5.4 LCN Logical Channel Numbering

LCN automatically sorts channels by broadcaster preferred channel numbers. LCN default is "ON". From "Installation" menu, select "LCN" sub-menu.

## 6. System Setup

From Main Menu, press **【▼】** or **【▲】** keys to select "System Setup" icon. Press **【◀】** or **【▶】** keys to select "Language", "TV System", "Local Time Setting", "Timer Setting", "Parental Lock", "OSD Setting", "Rename Favorite" and "Auto Power-down" items.

### 6.1 Language

CAUTION changing to a language you can't read may lead you to rendering your receiver inoperable. Proceed with great caution!

You can select "Language", "First Audio", "Second Audio", "Subtitle Language" and "Teletext" language.



### 6.2 TV System

Here you can select "Video Resolution" output from: Native TV, 480i, 480p, 576i (default), 576p, 720p 50Hz, 720p 60Hz, 1080i 25Hz and 1080i 30Hz., "Aspect Mode" Auto, 4:3 Center Cut, 4:3 Letter Box, 16:9, "Video Output" YUV, RGB, "RF System" PAL-BG (default), PAL-I, PAL DK, NTSC, "RF Channel" 20 – 75, 38 (default) and "Digital Audio Output" PCM (default) and AC3.



### 6.3 Local Time Setting

"GMT Usage" should be switched "OFF" with caution as receiver loses its GMT reference which disables Time function after power fail and will have an effect on EPG / Timer functions.

"GMT Offset" can be adjusted for your area; +10:00 hours Eastern Australia, +09:30 Central Australia and +08:00 for Western Australia.



If “GMT usage” is “ON” GMT Offset and Summer Time settings are available, when “GMT usage” is “Off” you can directly set “Date” and “Time”.

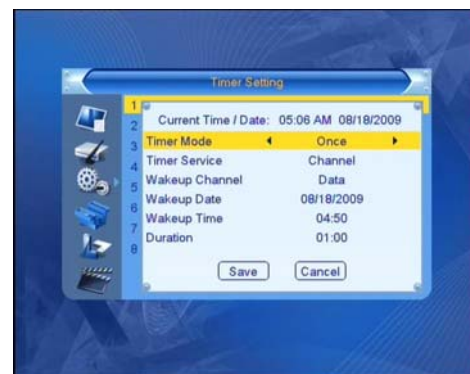
“Summer Time” allows for Daylight Saving and should be selected as required.

## 6.4 Timer Setting

You can set the timer to make the receiver “Record”, wake-up or change to a designated “Channel” or Sleep.

Use the **【▼】** or **【▲】** keys to select “Timer Setting”.

1. Press **【◀】**, **【▶】**, **【▼】** or **【▲】** keys to select a timer.
2. Press **【◀】** or **【▶】** keys to Activate (or Deactivate) selected timer.
3. Press **【◀】** or **【▶】** keys to select Timer frequency from Off, Once, Daily or Weekly.
4. Press the **【◀】** or **【▶】** keys to select “Record” or “Channel” “Timer Service” function.
5. Continue through “Wakeup Channel”, “Wakeup Date”, “Wakeup Time”, and “Duration”.
6. Press the **【▼】** and **【OK】** key to “Save” timer settings. Invalid settings will be rejected.

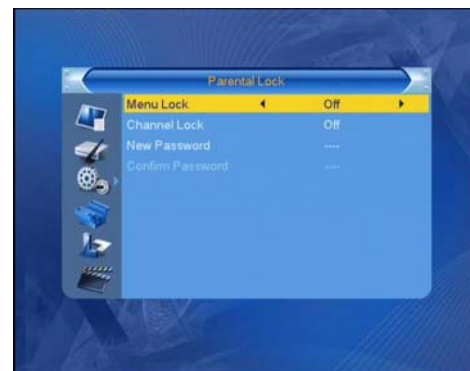


## 6.5 Parental Lock

In “**Parental Lock**” menu, you can set “Menu Lock”, “Channel Lock” and “New Password”.

Parental Lock function meets Australia’s ACMA Parental Lock requirements.

Default Password is “0”, “0”, “0”, “0” but can be changed by the user. Store your changed password in a safe place!!



## 6.6 OSD Setting

You can choose between “OSD Timeout”, “OSD Transparency” and “Load Default OSD Setting” options.



## 6.7 Rename Favorite

You can select a favorite group and press the **【OK】** and **【◀】**, **【▶】**, **【▼】** or **【▲】** keys to rename it. Press the **“BLUE”** key marked TEXT to save.

## 6.8 Auto Power-down

You can select choose to power down automatically to save electricity. Options are “1 hr”, “3 hr”, 5 hr” or “OFF”.



## 7. Tools

From Main Menu press **【▼】**, **【▲】** keys to select **“Tools”** and Toolbox icon. In this sub-menu, you can select **“Information”**, **“Load Factory Setting”** to reset defaults, **“Upgrade by USB”** for firmware upgrade, **“USB Device”** to access the USB drive and its files, and **“Remove USB device safely”**.



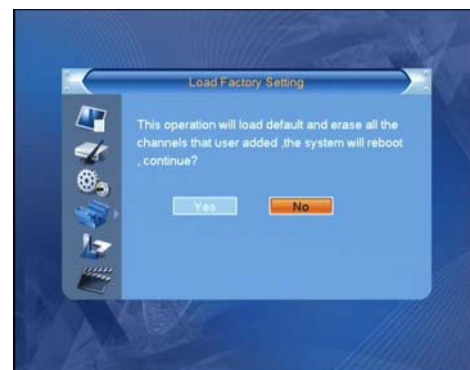
### 7.1 Information

From the **“Information”** sub-menu, you can view the Hardware and Software (Firmware) versions.



### 7.2 Load Factory Setting

You can restore factory default parameters by selecting **“Load Factory Setting”** and pressing the **【OK】** key. Press **【◀】** to select **“Yes”** and press the **【OK】** key to confirm.



### 7.3 Update by USB

You can Update your receivers Firmware in “**Software Update**” by USB. Plug in a USB key containing the new Firmware to access this function. Press the **【▼】** key to select the “START” item. Do not disconnect power or remove USB key until upgrade is completed. Loading software for other products may render your receiver inoperative.

### 7.4 USB Device

From here you can play compatible Video and Audio files from your USB storage device.

When first connected, allow time for receiver to access USB device.

Follow OSD icons to set up and play.

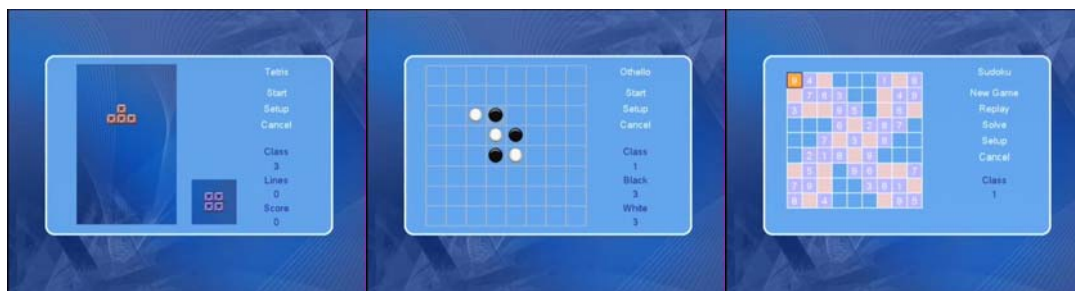


### 7.5 Remove USB device safely

Removes a USB storage device without risk of damage to device or receiver.

## 8. Game

There are three games in this menu, Tetris, Othello and Sudoku, you can play them at various levels of proficiency by following the options within each game.



## 9. REC (Recorder)

From Main Menu press the **【▼】** or **【▲】** keys to select **“REC”** menu and Clapboard icon. From here you can select **“Record Manager”**, **“DVR HDD Information”**, **“HDD Format”**, and **“DVR Configuration”**.

- Scheduled “Record” takes priority over Time Shift.



### 9.1 Recording Manager

Permits you select a file and “Play” (press **【OK】**), “Pause” (press green PAUSE), “Lock” (press yellow SUB), “Delete” (press blue TXT), or “Rename” (press red RCL) recordings on a connected USB device using the corresponding coloured keys.

- Record Manager is also available by pressing the “FIND” key.



### 9.2 Recorder HDD Information

...for connected USB Storage Device; “Total” drive size, “Free” storage, “Used” storage, “Time shift” allocation, “Rec Free” available for storage and “File System” type.



### 9.3 HDD (Storage Device) Format

Caution, Formatting your storage device deletes all files stored previously preparing the drive to store new recordings!

You can format a connected USB storage device by selecting “Format” and pressing **【OK】**.



## 9.4 DVR (Recorder) Configuration

In this menu, you set “Time Shift” “ON” or “OFF”, “Record Type” and “Record Selection”.

Time Shift is a powerful function that permits you to Pause and Rewind live TV when activated. A section of your USB storage device is allocated for this function. Whilst playing Time Shift program channel changing is disabled. Once brought back to real time channel change is enabled again.

## 9.5 Record program

In live viewing mode, you can record a program by pressing the **RECORD** key. Press **RECORD** again to set duration, from a 02:00 hour default. Press the **STOP** key to Stop recording. Receiver asks “Do you want to stop recording?” to confirm.



## 9.6 Record Type

Select either “TS” and “PS”. with **LEFT** **RIGHT** keys.  
TS: recordings save in Transport Stream format, complete with Closed Captions and EPG.  
PS: recordings save in Program Stream, a more universal format that is easier to edit and play on other media playing devices. Closed Captions and Electronic Program Guides are excluded from PS recordings.



## 9.7 Time Shift

Time Shift is a powerful function that permits you to Pause and Rewind live TV *when activated*. A section of your USB storage device is automatically allocated for this function. Whilst playing Time Shift program channel changing is disabled. Once brought back to real time channel change is again enabled.



1. Activate Time Shift in the “DVR Configuration”, “Timeshift” menu.
2. Press the **【⏸】** key to fully suspend real time viewing.
3. When you’re ready to continue, press the **【▶】** key.
4. Fast Rewind live TV by pressing the **【⏮】** key.
5. Fast Forward (up to real time) with the **【⏭】** key.  
Press keys repeatedly for x2, x4, x8, x16 and x32.
6. Slow Rewind live TV by pressing the **【⏪】** key.
7. Slow Forward (up to real time) press the **【⏩】** key.  
Press keys repeatedly for x1/2, x1/4 and x1/8.
8. Press the **【■】** key to escape Time Shift to live program.



*It may help you to understand:*

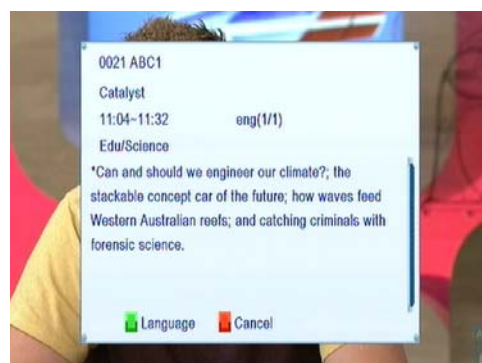
- You can Record 2 programs whilst watching a 3<sup>rd</sup>, if all within the same channel (or multiplex). e.g. ABC1, ABC2, ABC3 and ABC24.
- Play a recording whilst you record any 2 programs, within the same channel.
- Record a program whilst Time Shift is active, within the same channel (multiplex). e.g. ABC1, ABC2, ABC3 and ABC24.
- Scheduled “Record” takes priority over Time Shift.
- Programs not available are dimmed In the **【OK】** key channel list.
- “REC” Recording indicator appears on the top right corner of that program’s screen.
- Channel usually describes one broadcasters group of Programs or a Multiplex.

## 10. Introduction to other functions

### 10.1 Program information

Press the **【INFO】** key once, the basic information banner displays on the lower part of the screen. Now and Next program titles appear with icons that confirm presence of SubTitles, EPG, Video and Audio standard of selected program.

Press the **【INFO】** key again before the lower banner disappears and a larger banner shows selected program description as per EPG. If the



description is larger than the screen can show the【▼】or【▲】keys will reveal the extra detail.

## 10.2 Electronic Program Guide

EPG shows program information for the program selected for up to 7 days ahead.

Channels must be selected to load each one's EPG information.

Pressing 【▼】 , 【▲】 , 【◀】 or 【▶】 keys, you view the EPG for programs by time slot.

Press the 【OK】 key to see details.

- Press the 【RED】 RCL key to view EPG by Program, Page and Day. Press the 【OK】 key to view selected EPG details.
  - Press the 【GREEN】 PAUSE key to Play or Record program by timer, as described earlier.



## 10.3 Favorite List

Press the 【FAV】 key on the Remote Control (with menu off) and a list of *activated* Favourite groups displays on screen. Select one and press the 【OK】 key to enter selected favorite channel list.



## 10.4 Volume Control

- To adjust audio Volume level: press 【V+】 , 【V-】 , 【◀】 or 【▶】 keys. Bar at the bottom of the On Screen Display shows volume level.
- To fully Mute audio: Press the Green【M】key. Mute icon appears in top right corner of your screen. Press again to release and allow the audio to be heard.



## 11. Technical Specification

### Tuner:

Freq Range VHF: 174 - 230 MHz, UHF: 474 - 858MHz  
Input level Range -82 to -20dBm (64QAM, FEC=2/3)  
Antenna Power 5V DC Short Circuit Protected  
Demodulation COFDM 16QAM - 64QAM  
Transmission mode 8K or 2K  
Code Rate 1/2, 2/3, 3/4, 5/6 or 7/8  
Profile Level MPEG-2 MP@ML, MP@HL, MPEG-4 / H.264

### Video Decoder:

Transport Stream spec. ISO/IEC 13818-1 MPEG-2 & MPEG4 / H.264  
Aspect Ratio Auto, 4:3 Centre Cut, 4:3 Letter Box or 16/9  
Output Resolution 1080i, 720p, 576p or 576i

### Audio Decoder:

MPEG-1 Layer I&II, AAC, AC-3, DD+  
Sampling Rate 32,44.1, 48kHz  
Audio Modes Stereo, Left, Right or Mono

### Memory:

2MB Flash Random Access Memory  
128MB Double Data Rate 1 RAM

### Recorder and Media Player:

Picture .jpg or .bmp  
Audio .mp3 or .ogg  
Video TS (Transport Stream) or PS (Program Stream)  
File system FAT32 or FAT16

### Audio Video & Data Outputs & Inputs:

HDMI HD digital Video & Audio in 1 cable  
Component Video Y, Pb, Pr via 3 x RCA  
Composite Video CVBS via 1 x RCA  
Audio analogue Left and Right via 2 x RCA  
Audio digital S/PDIF Coaxial via 1 x RCA  
USB 2.0 recorder, plays program jpeg bmp mp3 & ogg files  
to USB flash RAM or external USB HDD also for firmware update

### Modulator:

Phase Locked Loop  
Channel Range Ch.20 to 75 Australian  
Frequency Range 470 to 860MHz  
TV System PAL G,

### Power Supply:

Input Voltage 100 to 240VAC 50/60Hz  
Consumption 8W Max, MEPS Compliant

### Mechanical:

Size (W×H×D) 230 x 165 x 45 mm

Weight (Net) 1.2kg

Accessories Included:

1 x User's manual

1 x Remote Control Unit


2 x AAA batteries,

1 x RCA interconnect cable

## 12. Troubleshooting

There can be many reasons for abnormal operation of your receiver. Check the receiver according to the procedures explained below. If the receiver still does not work properly, please contact your supplier. Do not open the receiver cover as this may unnecessarily expose those around you to electrical danger.

Symptom	Cause	Remedy
The LED display on front panel does not light up.	The power cord is not plugged in.	Check the power cord is plugged in to a functional power outlet.
No picture or sound	Incorrect connection of Audio or Video output to TV. Audio is muted. TV is off.	Check the Audio/ Video is reliably connected to the TV. Press the MUTE key(s). Turn the TV on.
No picture	The receiver can't receive the signal due to incorrect tuner parameters or defective TV antenna system.	Reset tuner parameters to factory defaults in the installation menu. Check the antenna connection and cabling, repair or replace as necessary. If in doubt call an experienced local TV Antenna specialist.
The remote control does not work	The remote control batteries may be inserted incorrectly or exhausted.	Check the batteries are inserted correctly, matching the + and – polarity markings. Check battery condition and if in doubt replace.

 **Tip:** If you can't resolve your problem, please contact your supplier or an experienced installer. Opening your receiver is unlikely to solve the problem and may unnecessarily expose you to electrocution risk.

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### **13. Twelve Month Warranty**

Subject to the conditions stated below, healing digital warrants your new receiver to be free of defects in workmanship and materials for twelve months from date of purchase. For the period of warranty healing digital's obligation includes labour and materials, but excludes neglect, accident, abuse and transportation to and from healing digital's service station. healing digital will not be liable for consequential loss or damage arising from any function of the receiver. healing digital reserves the right to determine at its sole discretion fault cause. In the event of a claim, proof of purchase in the form your Tax Invoice and this warranty slip may be required. This warranty applies to the original purchaser only and is not transferable. The benefits conferred by this warranty are in addition to rights provided under relevant State or Federal legislation, but excludes any other expressed or implied warranty.

[www.healingdigital.com](http://www.healingdigital.com)

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