

healing HSS852 Owners Manual: CONTENTS

1	INTRODUCTION	1
1.1	Safety Instructions	1
1.2	HSS852 Features include	2
2	YOUR RECEIVER	3
2.1	Front Panel	3
2.2	Remote Control Battery Care	3
2.3	Remote Control Unit	4
2.4	Rear Panel	6
3	CONNECTION METHODS	7
3.1	Connecting to TV	7
3.2	Connecting to Satellite Dish	7
3.3	Connecting a USB key for firmware upgrade	8
4.0	MAIN MENU	9
4.1	SET UP	9
4.2	TV/Radio	12
4.3	USB Recorder and Media Player	16
5.0	OTHER OPERATIONS	20
5.1	Electronic Program Guide	20
5.2	Information banners	21
5.3	Channel list	21
5.4	Selection of Audio Language	22
5.6	Teletext	22
5.6	Subtitles	22
	Appendix 1: Trouble Shooting	23
	Appendix 2: Specifications	24
	Appendix 3: 12 Month Warranty	26

1 INTRODUCTION

Your healing HSS852 is a Satellite Television and Radio receiver that includes a wide range of useful functions. Please make sure you read this manual before installing.

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 HSS852 Features include

- Receives from Satellite Digital Free-To-Air TV and Radio broadcasts.
- Front panel LED display that can show channel number or time
- USB2 recorder with timers and Time-Shift, supports most USB keys and HDD's
- Separate power switch to simplify re-boot and mains power disconnection.
- Quick and easy to install
- Excellent Audio & Video quality
- 4,000 channel 64 satellite memory capacity
- User-friendly On Screen Display and Menu system
- USB-2 Personal Video Recorder with really useful TimeShift function
- Signal Quality and Strength indicator bars
- Blind Search select Fast or Detailed
- Network Channel Scan options Automatic and Manual
- USB firmware upgrade and channel cloning
- DiSEqC 1.0 and DiSEqC 1.2 LNBF switching protocol functions
- Electronic Programme Guide (EPG) program information up to 7 days +
- 9 Recording Timers with 3 modes (daily, weekly, once) and sleep timer
- Edit TV or Radio programme names
- Multi-Lingual Subtitling and Audio Track functions
- Parental Lock function selectable by channel
- Teletext via On Screen Display and Vertical Blanking Interval
- Multi-lingual On Screen Menu system in: English, German, French, Italian, Spanish, Arabic, Persian, and Turkish
- 4 Favourite lists for groups of TV and Radio programmes
- Last viewed channel resumes at start up
- Calendar Calculator and Game (Gomoku) functions

Accessories Included:

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

2 YOUR RECEIVER

2.1 Front Panel

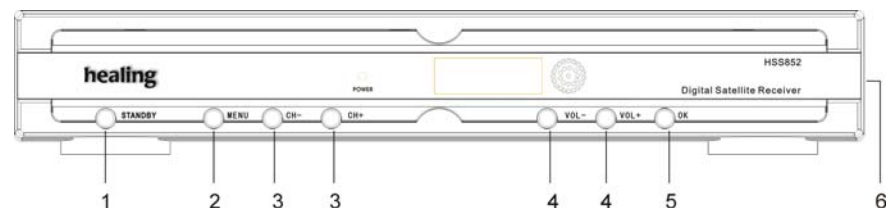


Figure 1. Front Panel

- | | |
|-------------------------|---|
| 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 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 recharge NiMh etc. cells designed for this purpose, 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 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

All features of your receiver can be accessed with the Remote Control Unit.



- Power Key:**
Turns the receiver between On and Off, Standby and Operational.
- Mute Key:**
Mutes Audio output of the receiver.
- EDIT key:**
Engages Channel Manager display.
- INFO key:**
Shows tuned Program Information
- MOSAIC key:**
Shows 9 channels on screen simultaneously
- TV/R key:**
Toggle between TV or RADIO function 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.
- 0 - 9 keys:**
Selects channels by number and provides number input to functions where required.
- OK key:**
Activates Menu Item highlighted on screen. Displays Channel List for TV or Radio Mode
- ▲ ▼ keys:**
Selects the Next or Previous program when menu is off. Moves cursor Up or Down when in menu mode.
- ◀ ▶ keys:**
Increases or decreases Audio volume level when menu off. Changes setting values within a menu mode.

- AUDIO key:** select from available languages and between Stereo ((•)), Left-Mono ((• or Right-Mono •)).
- PAUSE key:** *Time Shift, Multi Media or normal viewing* Freeze and Resume
- P- / P+ key:** Page Up or Down functions in menu list.
- SAT key:** Lists satellite channels or programs, select All or by individual Satellite.
- TEXT key:** Displays any Teletext on tuned channel.
- SUB key:** Displays a list of subtitled languages the tuned channel supports.
- RCL key:** Selects last channel viewed.
- FAV key:** Switches Favorite channels mode ON or OFF.
- EPG key:** Displays the Electronic Program Guide (EPG) when Menu mode is off.
- ZOOM key:** Press sequentially to Zoom in on video through 3 modes. Press ▲▼ or ◀▶ keys to move to the part of the screen you want to see. Press 'EXIT' to return to normal operation.

Recorder key functions:

- key: Fast Reverse
- key: Fast Forward
- key: Last
- key: Next
- key: Pause (audio remains active with live program) use **'PAUSE'** key for *Time Shift*
- key: reserved for MediaPlayer functions.
- key: Stop
- key: Record for PVR and Multi Media Player
- USB key** (unmarked grey key on lower right of Remote Control Unit):
Press to view 'My Recorder' 'Recorded List' of saved recordings.
Press ▲▼ keys to select a recording. Press 'OK' key to Play a selected recording.

Figure 2. Remote Control Unit

2.4 Rear Panel



Figure 3.Rear Panel

1. LNB IN

Connect the digital signal from your LNBF at the satellite dish to this 'F' connector.

2. LOOP OUT

Provides the possibility to loop to an extra Satellite Receiver (digital or analogue).

3. TO TV

An RF output that connects to the Aerial input of any analogue TV receiver.

4. RF IN

Connects to a terrestrial TV aerial to mix the receivers Modulator signal with Off-Air TV.

5.VIDEO

Constant Composite Video (CVBS) output for TV's etc. RCA female

6. AUDIO Right and Left

Audio output for the audio input of your TV an external amplifier, RCA female x 2.

7. S/PDIF

Digital Audio output, Coaxial, connects to an external Audio Decoder, RCA female.

8. Power ON/OFF Switch

9. Power Cord

Your receiver requires 100 - 240V AC (Auto selected), 50 - 60Hz @+/-5%. Check before connecting your receiver.

10. TV SCART

This connector provides a high standard of Video and Audio connectivity for Televisions and Displays. Connect using a SCART cable suited to your task.

3 CONNECTION METHODS

3.1 Connecting to TV

1. Connect the satellite signal from the LNB to the LNB IN connector.
2. Connect the TV using an AV cable.
3. Connect the TV using a SCART cable.

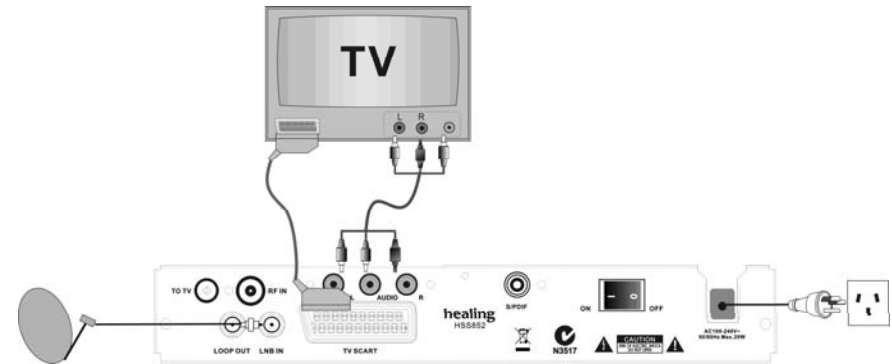


Figure 4 Basic connection with a AV cable

3.2 Connecting to Satellite Dish

Connecting a fixed satellite dish to your receiver>

First, choose which satellite you want to receive your signals from, and have an installer aim your dish at the required satellite.

Connect quality coax cable directly between the LNB and your receiver's LNB IN connector.



Figure 5 Connecting a fixed satellite dish

Connecting multiple fixed dishes to your receiver using a DiSEqC 1.0 switch>

If you want programs from more than one satellite (For example from Optus D2 and Intelsat 8) it is advisable to use fixed dishes and a DiSEqC 1.0 switch. Have your Installer aim the

dishes at the requested satellites and connect the LNB's with coax cables to the IN connectors of the DiSEqC 1.0 switch. Connect the OUT connector of the DiSEqC 1.0 switch to the LNB IN connector at the back of your receiver.



Figure 6. Connecting multiple fixed dishes using a DiSEqC 1.0 switch

- **Connecting a dish on a motorized positioner to your receiver**

It is also possible to watch programs from multiple satellites is by mounting a single dish to a motorized DiSEqC 1.2 positioner.

Have your Installer mount the dish to the positioner, set the correct angle of the elevation and let him set the center point for your positioner.

Connect the LNB with a coax cable to the LNB IN connector of the positioner, and connect the OUT connector of the positioner to the LNB IN connector at the back of your receiver.



Figure 7. Connecting a dish on a motorized positioner to your receiver.

3.3 Connecting a USB key for firmware upgrade

Plug the USB key into the USB port on the side of your receiver.

4.0 MAIN MENU

All the important settings and features of your receiver can be operated from the Main Menu. The Main Menu consists of five sub-menus: "SETUP", "TV", "RADIO", "MULTIMEDIA" and "GAME". Press the 'MENU' key (when menu is off) and the MAIN MENU screen will appear.



4.1 SET UP

From "MAIN MENU" press the ◀ or ▶ key until you have selected SETUP. Menu options are "Installation", "TV Setup", "Password", "Advance Timer", "SW Update" and "Set Default". Press the 'UP' or 'DOWN' keys to make your selection and then the 'OK' key to action.

4.1.1 Installation

From SET UP menu, press ▲ or ▼ keys to select Installation. Then press the 'OK' key to enter Installation menu. From here, you can select "General Setting", "MY DISH" or "TP MANAGER".



General Setting

From this menu, you can select "OSD Language", "Audio Language", "Subtitle Language", "GMT usage", "Time Zone", "Set Date" and "Set Time".



MY DISH

From this menu, when you change “Switch Type” to “DiSEqC1.0/1.1”, you can select “Toneburst” “On” or “Off”. Press ▲ or ▼ keys to select an LNB and press ‘OK’ to edit. Press the ‘RED’ key to start “Scan All”, the ‘GREEN’ key to delete the satellite, ‘YELLOW’ to delete all satellites or the ‘BLUE’ to “Scan”.



When you change “Switch Type” to “DiSEqC1.2/USALS”, you can press the ‘RED’ key to set “Limit”, the ‘GREEN’ to set “Location” or ‘YELLOW’ to set “LNB”. Press the ▲ or ▼ keys to select a position and ‘press the ‘OK’ key to edit. Press the ‘GREEN’ key to “delete a satellite”, ‘YELLOW’ key to “delete all satellites” or ‘BLUE’ to “scan”.



TRANSPONDER MANAGER

Press the ◀ or ▶ keys to select a “Satellite” you have already installed in “Installation”, “MY DISH”. Press the ▲ or ▼ keys to select “Transponder Frequency”. Then press the ‘RED’ key, to “add a Frequency”, the ‘GREEN’ to “delete a Frequency”, ‘YELLOW’ to “delete all” or ‘BLUE’ to “Scan new transponders”.



4.1.2 TV Setup

From the “SET UP” menu, press the ▲ or ▼ keys to select “TV Setup”. Press the ‘OK’ key to enter the “TV Setup” menu. From here you can set “Screen Shape” (“4:3 LetterBox”, “4:3 PanScan”, “16:9 LetterBox” or “16:9 CentreCut”); “TV Mode” (“PAL” recommended for A&NZ* “Auto”, “PAL” or “NTSC”), “OSD Transparency” (“1” through “8”), “Banner Display Time” (“1S”, “3S”, “5S”, “10S”, “30S” or “Always”), “Video Output”: Composite “CVBS (+ RGB”, + YCbCr” or S-Video), “RF Out” “Audio mode” (“PAL BG” for A&NZ) and modulator “RF channel” (UHF ch’s “21” – “69” Australian).



4.1.3 Password

From “SET UP” menu press ▲ or ▼ to select “Password”, then press the ‘OK’ key to enter “Password” menu. From here you can access “Menu Lock” (“ON” or “OFF”), “Channel Lock” (“ON” or “OFF”), “Censorship Lock” (“No Block”, “Total Block” or “02 to 18”), or “Change Password” (“NO”/“YES”).



4.1.4 Advance Timer

From “SET UP” menu, press the ▲ or ▼ keys to select “Advance Timer” and press the ‘OK’ key to enter. Here you can add a timer event by pressing the ‘RED’ key. Select “Channel Type”, “Channel No.”, “Channel Name”, “Start Date” (Y/M/D), “Start Time”, “End Time”, “Mode” or “Timer Mode”. Press the ‘OK’ key to save.



4.1.5 SW Update

From the "SET UP" menu, press ▲ or ▼ keys to select "SW Update". Press the 'OK' key to enter. Here you can "Update software" / firmware or "Backup" a favorite installation setup including found channels and parameters with a USB memory stick. Test your memory stick in the receiver to ensure compatibility.



4.1.6 Set Default

CAUTION Set Default will also delete found channels! To reset receiver to Factory Default settings, select "Set factory default?" and press the 'OK' key.



4.2 TV/Radio

Listening to Radio programs is similar to TV.

From the "MAIN MENU", press ◀ or ▶ to select "TV", this menu consists of the "TV List" and "TV Guide".



4.2.1 TV List

Select "TV List" and press the 'OK' key to enter. Here you can add channels to different "Favorite Groups"; "Lock", "Edit", "Move", "Sort", "Skip", "Delete" or "Search" for channels.

Favorites

Press the ▲ or ▼ key to select a channel, then ◀ or ▶ key to select the Favorites Heart icon. Select a favorite group icon with keys '1' to '8'. Press the 'YELLOW' key to add the program to the chosen Favorite group.



Lock

Press ▲ or ▼ keys to select a channel, press ◀ or ▶ keys to select Lock. Press the OK key to lock the channel, press OK key again to cancel lock. Press the YELLOW key to save.



Edit

Press the ▲ or ▼ key to select a channel, the ◀ or ▶ key to select "Edit". Press the 'OK' key to enter the "Program Info" menu. From here you can see program information or rename the channel, should you so desire.



Move

Press the ▲ or ▼ key to select a channel, press ◀ or ▶ to select Move. Press the 'OK' key, then ▲ or ▼ keys to move the channel where you want it. Press the 'YELLOW' key to save, program number will update automatically.



Delete

Press ◀ or ▶ keys to select "Delete", then the 'OK' key to delete the selected channel. The 'GREEN' key will delete all channels, Press the 'YELLOW' key to save.



Sort

You can sort the channels by "A-Z", "Pay-Free" or "TP Desc." by pressing the appropriate colored key.



Search

Press ◀ or ▶ key to select "Search", then the 'OK' key. Enter the channel name and press 'OK' key to search for this channel.



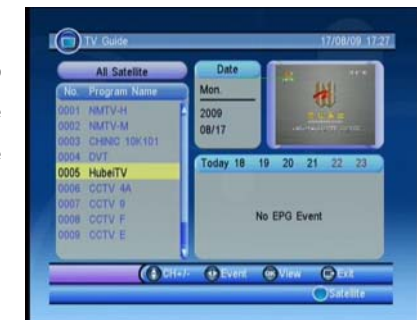
Skip

Press ▲ or ▼ keys to select a channel, then ◀ or ▶ keys to select "Skip". Press the 'YELLOW' key to confirm the skipped channel. The channel is then skipped when tuning by ▲ or ▼ keys, but is not deleted.



4.2.2 TV Guide

Select "TV Guide" and press the 'OK' key to enter the TV Guide menu. TV Guides are provided by broadcasters and may not be available for all channels.



4.3 USB Recorder and Media Player

To access these functions, a USB Hard Disk Drive or USB key Storage Device is required. Ensure Power Switch on the back of your receiver is switched to OFF before using the USB connector at the side of the receiver. Most USB powered drives are supported




(supplied separately). Please allow time for the receiver to check drive and select a portion for Time Shift. The larger the drive the longer this process may take.

4.3.1 Recording and Playing Programs from USB Storage Device

: Record key:



Press to Record the tuned program. Press the 'OK' key to confirm a Default 2 hour recording, or press the ◀ or ▶ keys to select a different record duration. Press the 'OK' key to confirm. A One Button Recording shortcut is available and the Default Recording Period can be defined by the user. A record indicator with elapsed time will show on the top left of the screen for 8 seconds, or by pressing the 'INFO' key at any time.


To Play recorded files: first press the 'USB' key to view "My Recorder" "Recorded List" of saved recordings. Press ▲ or ▼ keys to select a recording. Press the 'OK' key to Play. A file only partially played previously will offer the option of Playing from "position last viewed". File name, recording date and progress bar show in the top left of the screen (ceases after 8 seconds). ▲ and ▼ keys skip to Previous or Next file in "Recorded List". To "Delete" a Program from the list, press the 'RED' "SAT (Del)" key and 'OK' to confirm.

The  key is reserved for MediaPlayer functions.

'Stop' key: stops Recording or in Play exits to "Recorded List".

Press the 'EXIT' key to return to live TV or Radio mode.

 Fast Rewind and  Fast Forward speed through a recording being played at x 2, x 4, x 8, x 16 or x 32 times real time, depending on how many times you press the key.

 Pause: suspends replay of a recording.
Do not confuse with TimeShift '**PAUSE**' key (between AUDIO and P- keys).


4.3.2 Advance Timer Record

From "SETUP" – "Advance Timer"; press the 'OK' key to enter "Advance Timer Event schedule". *Timer Mode must be set to Recording.* Press the 'RED' key to add an event. Enter the info. requested navigating with ▲▼ and ◀▶ keys. Press the OK key to save and your new event will be added to the Event schedule.

4.3.3 TimeShift

With a USB drive connected, your receiver can provide TimeShift that permits you to PAUSE live TV whilst you take a phone call (or in AUTO to view material broadcast earlier).

To set up TimeShift, from "Main Menu" enter "MULTIMEDIA" – "My Recorder" – "Recording Preferences". Your receiver automatically reserves up to 5GB of HDD space for Time Shift, depending on disk space available. Set "Time Shift" to "Pause" to activate with '**PAUSE**' key (between AUDIO and P- keys), or select "AUTO" to record TimeShift continuously. N.B. "AUTO" may interrupt other RECORD functions. "One Button Recording" and "Default Recording Period" settings are for manual recordings only.

To activate TimeShift press the '**PAUSE**' key (between AUDIO and P- keys). A "Pause" indicator will appear in the top right corner of your screen and any activity indicator on your USB drive will flash. TimeShift records from this point until the 5GB reserved is full or you Fast Forward to real time. To Play press the '**PAUSE**' key again. A Progress Bar that shows time and distance into and total length of the Time Shift recording simultaneously displays for 8 seconds, or when INFO or PLAY keys are pressed.  Fast Forward and

⏮ Fast Rewind speed through Time Shift recordings at up to x 32 times real time, depending on how many times you press each key.

4.3.3 MediaPlayer

This receiver includes a MediaPlayer that plays *.mpg*, *.dat*, or *.vob* (MPEG1 or MPEG2) and *.avi* (XviD MPEG4, MS ISO MPEG4 or MJPEG) Video; *.jpg*, *.bmp* or *.gif* Pictures; *.mp3*, *.ogg* or *.wma* Audio file types from most USB storage devices.

From "MAIN MENU", press ◀ or ▶ keys to select "MULTIMEDIA". This menu consists of "My Album", "My Music", "My Movie" and "My Recorder".

4.3.1 My Album

Select "My Album" and press the 'OK' key, then press the 'BLUE' key to choose your photo folder, select a photo and press the 'OK' key to view.

4.3.2 My Music

Select "My Music" and press the 'OK' key to enter, press ▲ or ▼ keys to choose a song, press the 'OK' or 'RED' key to play, the 'RED' key to pause, 'GREEN' to stop, 'YELLOW' to loop repeat and 'BLUE' key to fast forward.

4.3.3 My Movie

Select "My Movie" and press the 'OK' key. Select folder through Menu structure on left of screen. Use the ▲ or ▼ keys to select a movie file. Press the 'OK' key to play selected file. Press ▲▼ keys to play the previous or next movie, ◀▶ to change volume.

4.3.4 My Record

This menu consists of three sub-menus; "Recorded List", "Recording Device" and "Recording Preference".

Recorded List

From here, you can view a list of or play a recording. Press ▲▼ keys to select the program, and press the 'OK' key to play.

Recording Device

Here you can view the recording device or format the disk.

Recording Preference

From here you can select Recording Preferences.



4.4 GAME

From "MAIN MENU", press ◀ or ▶ to select "GAME".

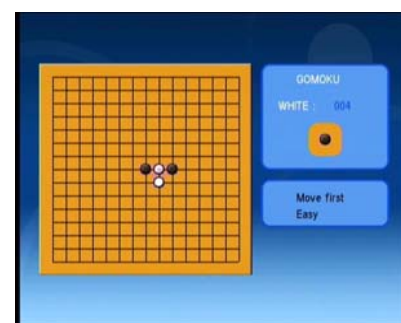
Here you can play "Gomoku", view the "Calendar" or use the "Calculator".



4.4.1 Gomoku

Line up the balls against the computer.

Options include "Move First", "Move Later", "Human"; "Easy" and "Normal".



4.4.2 Calendar

View Calendars month by month from the year 1900 to 2100. Starts highlighting today. Find the day of the week you were born!



4.4.3 Calculator

A handy calculator that is available at a moments notice.



5.0 OTHER OPERATIONS

5.1 Electronic Program Guide

EPG shows the program schedule for the tuned channel. EPG is provided by the broadcaster and may not always be available.

With Menu off press EPG key, the EPG Menu will appear. Screen is divided to 3 main parts: at left Channel List, at right Program Schedule and below a brief program description with program start and end times.



In channel list, use ▲ ▼ keys to choose the channel.

Use ▲ ▼ to switch between channel list and program schedule. In program schedule list:

Use ▲ ▼ keys to choose program.

Use 'RED' or 'GREEN' keys to select Previous or Next day of schedule.

Use ◀ ▶ keys to switch between Channel List and Program Schedule.

Use the 'YELLOW' key to display detailed Program Information.

Use the 'BLUE' key to program Timer for selected programmes.

In program details: Use ▲ ▼ keys to scroll through Program Information.

Press the 'Exit' key to return to the Program List.

5.2 Information banners

The basic Information banner displays automatically every time you change channel. It provides information about Current and Next program times, Date and Time and Favourite group.



Detailed information banners with EPG and technical description of the tuned program are displayed by pressing the INFO key twice and three times.



5.3 Channel list

To show the list of Program channels found, press the 'OK' key from normal viewing mode.

Use ▲ ▼ or ◀ ▶ keys to select a channel and press 'OK' to switch to full screen normal viewing mode.



5.4 Selection of Audio Language

Press the AUDIO key on your remote control.

Use ▲ ▼ keys to select the audio language from the list of those available. Use the ◀ ▶ keys to select sound mode between “LR” (Left + Right Stereo), “L”L (Left Mono) and “RR” (Right Mono). Press ‘EXIT’ to confirm your selection and exit.



5.5 MOSAIC (Nine picture view)

In normal viewing mode (menu off), press the MOSAIC key. Mosaic shows 9 programs on screen, simultaneously.



5.6 Teletext

In normal viewing mode press ‘TXT’ key.

Press ▲ ▼ to move up or down from the displayed page number.

Press Number keys (‘0’ to ‘9’) to select page directly. If the current program has no Teletext, you’ll see the message “Teletext no data – Press any key to exit” .



5.6 Subtitles

In normal viewing mode press the ‘SUB’ key.

A list of available subtitle languages will display on screen. Use ◀ ▶ keys to select language and press the ‘OK’ key to confirm. To disable subtitles select “OFF” from the list of languages.



Appendix 1: Trouble Shooting

If the receiver does not work properly after making a visual inspection, please contact your supplier. Don't open the receiver cover, this may unnecessarily expose you and those around you to danger of electrocution.

Symptom	Cause	Remedy
The display on front panel does not light up.	The power cord is not plugged in.	Check that the power cord is plugged in to the wall outlet.
No picture or sound	Wrong connection of the Audio/Video output of the receiver to TV.	Connect the Audio/ Video output of the receiver to TV correctly.
	Audio muting.	Press the Mute key
	TV power off.	Turn TV on.
No picture	The receiver can't receive the signal	Check the antenna cable, replace the cable, or connect the cable to the receiver tightly.
	Incorrect values of some tuner parameters.	Correct the values of the tuner parameters in the installation menu.
	Wrong direction of the dish	Check the signal strength with a spectrum analyzer and adjust your dish and lnb correctly.
The remote control does not work	The batteries are not inserted properly or exhausted	Check the batteries with a multi-tester, re insert or replace as necessary.

Appendix 2: Specifications

Tuner	IF Input Frequency	950 to 2150MHz
	Input Impedance	75Ω
	Input level	-65dBm to -25dBm
	LNB Power Supply	13 or 18V±0.5V, Max 500mA,
	Waveform	QPSK
	Symbol Rate	2 to 45 MS/s
	Viterbi Rate	K=7,R=1/2, 2/3, 3/4, 5/6, 7/8, auto
	Reed Solomon Decode	204, 188, T=8
Video Decoder	Standard	ISO/IEC 13818-2 MPEG MP@ML
	Video Aspect Ratio	4:3, 16:9 Pan & Scan, Letter box, Full Screen
	Resolution	720*576(PAL), 720*480(NTSC)
	Video Output Level	1.0Vp_p, 75 Ohm
Audio Decoder	Standard	ISO/IEC 11172 LAYER I&II
	Output Mode	Left/Right, Stereo, Mono
	Sampling Frequency	32, 44.1, 48KHz
	Audio Output	0.775 Vrms, Unbalanced
CPU & Memory	CPU	CT216S
	Flash Memory	2 MByte
Recorder and Media Player	SDRAM	16 MByte
	Picture	.jpg, .bmp or .gif

	Audio	.mp3, .ogg or .wma
	Video	.mpg, .dat, or .vob (MPEG1 or MPEG2) and .avi (XviD MPEG4, MS ISO MPEG4 or MJPEG)
	File System	FAT32
Modulator	Frequency Output	470 to 860MHz
	TV System	PAL BG Australian 7MHz plan
	PLL Channel	Ch.21—69, Adjustable
Front Panel	4-digit LED Indicator	Channel and Status Display
	7 Keys	↑, ↓, ←, →, Menu, OK, Standby
	Infrared Remote Receiver	38KHz
Connectors	LNB IN	F- Type Connector
	LOOP OUT	F- Type Connector
	RCA Output	3 RCA (Left/Right Audio, Video)
	S/PDIF (Coaxial)	1 RCA (Digital Audio)
	Modulator RF IN	IEC169-2, Female
	Modulator TO TV	IEC169-2, Male
	SCART to TV	CVBS/RGB, Left/Right Audio
	USB	USB2.0
General	Power Supply	90 – 250V AC, 50/60 Hz +/-5%
	Max. Power Consumption	≤ 8W
	Stand By	< 2W
	Operating Temperature	0 to 55°C
	Storage Temperature	-45to 65°C
	Size (Lx W x H)	260 x 195 x 40mm
	Weight	1.4KG

Appendix 3: 12 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

42 Brunel Rd, Seaford VIC 3198, Australia

errors and omissions excepted © 2010 www.healingdigital.com