



HHT896 **HD** TV Receiver



WIDE HORIZON™

Operating Manual



NOTES

HHT896 FEATURES

- Sensitive Tuner – responds to weak signals
- Signal Strength and Quality bars colour coded
- Receives all ‘freeview’ channels
- Stores up to 400 TV and Radio channels
- 7 Day Electronic Program Guide with 8 day cross over
- Closed Caption function embedded
- Energy Saving functions included
- Saves program parameters at Power Fail
- Robust Power Supply built for long life and reliability
- Compact Case Design: L 180mm x W 220mm x H 45mm
- MPEG4 / H.264 enabled
- Outstanding HD & SD ‘Wide Horizon’ Picture Quality
- Resolutions: 1920 x 1080i, 1280 x 720p, 720 x 576p and 720 x 576i
- Centre Cut option: displays 16:9 on 4:3 screens
- Video Outputs: HDMI, Component Y/Pb/Pr and Composite CVBS
- All video outputs active simultaneously
- Optical Digital Audio: S/PDIF output
- USB Record and TimeShift live TV
- Flexible Media Player - plays:
 - ts, .vob, .mp4, .mkv, .divx, .avi, .mp3, .m4a, .aac, .wma and more
- 3D recording and playback ready

PREFACE

Thank you for choosing a healing HHT896 High Definition Receiver. HHT896 includes a fully functional USB recorder with Time Shift and comprehensive Media Player function, yet is easy to install with all AV outputs active simultaneously. Built in a small footprint case less than 220mm wide with a removable mains power lead, HHT896 also includes up to 8 day Electronic Program Guides, Optical Digital Audio for full surround sound and embedded Closed Caption Subtitles. Healing HHT896 delivers beautiful High Definition and Standard Definition Television pictures.

SAFETY

1. Allow clear space around the receiver for sufficient ventilation
2. Do not cover the receiver's ventilation slots or place it near heat source
3. Do not connect AV cables when receiver connected to mains power
4. Do not remove the cover as dangerous voltages may be exposed
5. Do not allow the unit to be exposed to extreme heat, cold or humidity
6. Liquids or sprays must not make contact with internal receiver parts

GENERAL OPERATION OF THE RECEIVER

The everyday operation of your receiver is accessed via user friendly On Screen Displays and Menus. These Menus can guide you through installation and channel management with its various functions to enhance your viewing pleasure. All functions can be accessed through the Remote Control and the front panel keys provide access to many functions. As new software may change the function of a receiver, it should not be installed unless specific upgrade instructions have been given by healing for this receiver, HHT896. Should you experience any difficulties with the operation of your unit, please consult the relevant section of this manual or Trouble Shooting.

Alternatively contact your dealer or healing via www.healingdigital.com

INDEX

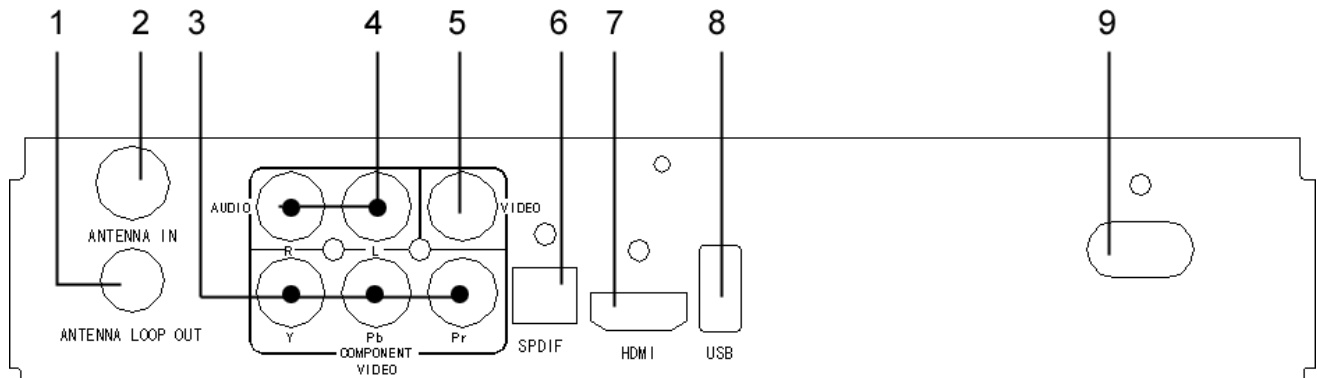
NOTES	2
HHT896 FEATURES	3
PREFACE	4
SAFETY	4
GENERAL OPERATION OF THE RECEIVER	4
INDEX.....	5
FRONT PANEL.....	6
REAR PANEL	7
REMOTE CONTROL UNIT - KEY FUNCTIONS.....	8
REMOTE CONTROL UNIT - KEY FUNCTIONS.....	9
PREPARING REMOTE CONTROL FOR USE	10
REMOTE CONTROL OPERATING DISTANCE & ANGLE	10
USEFUL REMOTE CONTROL UNIT TIPS.....	10
RCU BATTERY SAFETY PRECAUTIONS	11
SETTING UP YOUR RECEIVER.....	12
GETTING STARTED	16
FIRST TIME USE	16
CHANNEL SEARCH.....	17
PICTURE	18
OPTION	19
PROGRAM	19
SYSTEM	20
USB RECORDER AND MEDIA PLAYER.....	21
ELECTRONIC PROGRAM GUIDE (EPG).....	24
TIME	24
SPECIFICATIONS.....	26
MEDIA PLAYER CODEC SPECIFICATION.....	28
TWELVE MONTH WARRANTY	31

FRONT PANEL



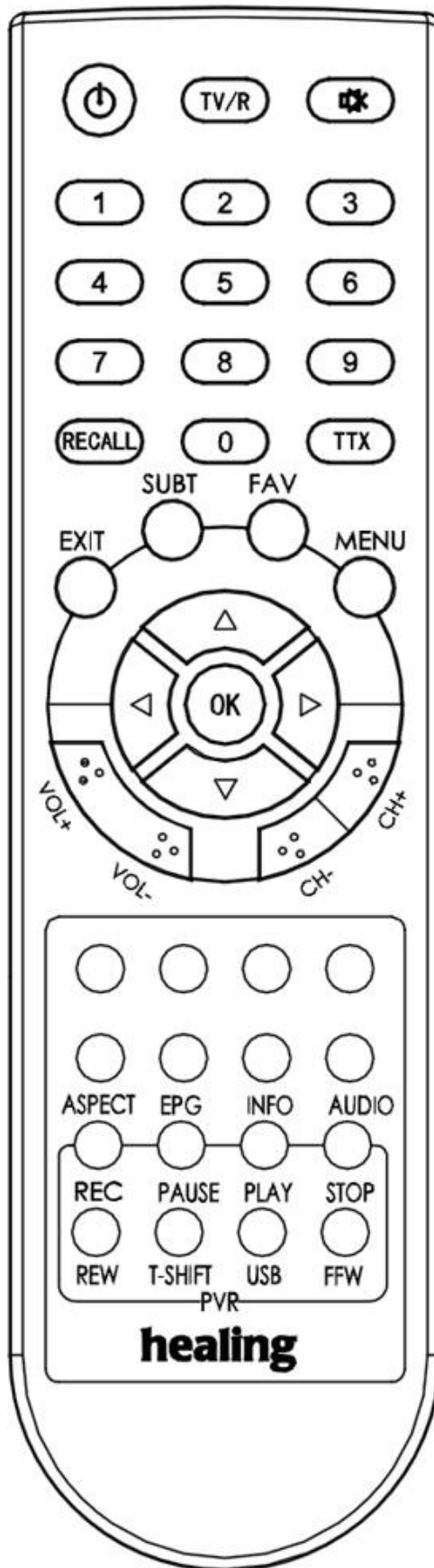
- a. STANDBY key - Switches between Operational and Standby modes
- b. LED display - Shows channel selected, Load status etc.
- c. Power LED, green - Indicates power supply active
- d. Signal Lock LED, Orange
 - No Light = No Signal = No Pictures or Sound.
- e. Remote Control sensor
- f. CH+ key. Use to select a higher channel number
- g. CH- key. Use to select a lower channel number
- h. OK. Operation confirmation; Channel List
- i. MENU. Press key to enter Main Menu

REAR PANEL









1. ANTENNA LOOP OUT: passes antenna signal to another receiver, *Antenna Loop Out becomes idle when receiver on STANDBY!*
2. ANTENNA IN: connect your antenna, essential for stable pictures.
3. COMPONENT VIDEO: Y,Pb,Pr outputs for high picture quality.
4. AUDIO Right and Left Outputs.
5. VIDEO: Composite CVBS or lesser quality picture output.
6. SPDIF: Digital Audio Toslink output for superior audio quality.
7. HDMI: digital Video and Audio output, combined over a single cable.
8. USB: connect a USB Key or Hard Disk Drive for recording, replay or in the unlikely event firmware upgrade is necessary.
9. Mains power connection: IEC C7 2 wire connector.

REMOTE CONTROL UNIT - KEY FUNCTIONS



REMOTE CONTROL UNIT - KEY FUNCTIONS


-  STANDBY. Standby and Operational / On Off modes switch.
-  MUTE. suspends or re-instates sound.
- RECALL. selects the last tuned channel, when the Menu is off.
- EXIT. leave a Menu or function.
- MENU. enter the Main Menu.
- OK. displays Channel List. In Menu mode confirms operation.
-  or . Audio level, in Menu mode: select or adjust parameter.
-  or . Channel select, in Menu mode: cursor Up or Down.
- 0 – 9. Channel Number select, or in Menu: Number value entry.
- INFO. Information Bar, Present and Next program information.
- EPG. reveals Electronic Program Guide; Menu off.
- AUDIO. audio mode selection from Stereo, Left or Right; Menu off.
- SUBT. Closed Captions display or press again to suspend; Menu off.
- TV/R. TV and Radio reception mode switch; Menu off.
- FAV. reveals Favorite Channel list; Menu off.
- ASPECT. Picture Shape adjust, to match your display or screen.
- Coloured Red, Green and Blue keys: shortcuts and functions, as listed.
- REC. records a selected program, when USB drive is connected.
- PAUSE. pause or restore when playing a recording from USB drive.
- PLAY. plays a recording selected from USB drive.
- STOP. stops Recording or Playing a file.
- REW Fast Rewind / Skip: 2, 4, 8, 16 or 32 times real time.
- FFW Fast Forward / Skip: 2, 4, 8, 16 or 32 times real time.
- T.SHIFT Freeze, Fast Forward or Rewind live TV via USB drive.
- USB Multimedia menu interface shortcut.

PREPARING REMOTE CONTROL FOR USE

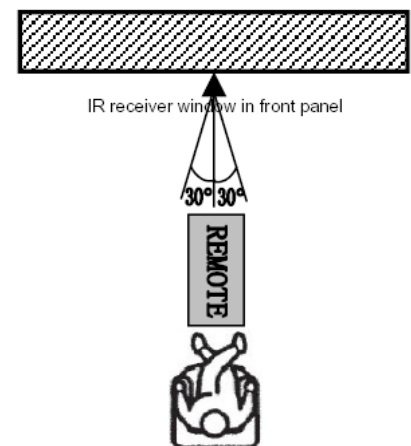
Fresh batteries help ensure your Remote Control Unit is reliable.

1. Open the battery compartment lid on the back of the RCU.
2. Insert the batteries, negative terminals first. Take care that battery polarity markings correspond with those of the Remote Control.
3. Close the battery compartment lid, checking that it locks in place.
4. Your RCU should now be ready for use.

REMOTE CONTROL OPERATING DISTANCE & ANGLE

Point the RCU towards your receiver and press  key, with an uninterrupted view of your receivers' front panel.

1. *Distance*: the remote control should work up to 7 meters from the front of your receiver...
2. *Angle*: and about + or - 30 degrees from directly facing the receiver.



USEFUL REMOTE CONTROL UNIT TIPS

1. To prolong Remote Control Unit battery life, intervals of continuous switching should be kept to less than about one minute.
2. Should the receiver stop responding to RCU commands or freeze up, remove batteries from the RCU and press a few keys and or disconnect power from the receiver for 10 seconds or so, and restart.
3. Daylight and some electric light can compromise the distance over which an RCU is effective. You can solve by re-adjusting receiver position and room lighting as necessary.

RCU BATTERY SAFETY PRECAUTIONS

Save your RCU from damage by following these precautions:

1. Check that polarities of batteries and RCU battery terminals correspond.
2. If storing your receiver for weeks or longer, remove the batteries.
3. Never leave old or exhausted batteries in the remote control.
4. Only recharge cells designed for recharging, NiMh etc.
5. Do not disassemble, short-circuit, heat or throw batteries into fire.
6. Do not mix new and old or different types of batteries together.
7. In the event electrolyte fluid leaks from a battery inside the RCU, wipe it away with a damp cloth, rinse cloth thoroughly and insert new batteries.

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

SETTING UP YOUR RECEIVER

Your healing HHT896 High Definition Receiver comes with a selection of Video and Audio outputs. The outputs you use will be determined by the inputs available on your TV monitor and/or HI-FI equipment. This receiver delivers excellent picture and sound quality from High Definition and Standard Definition broadcasts. Following are some basic terminology explanations that may help you understand:

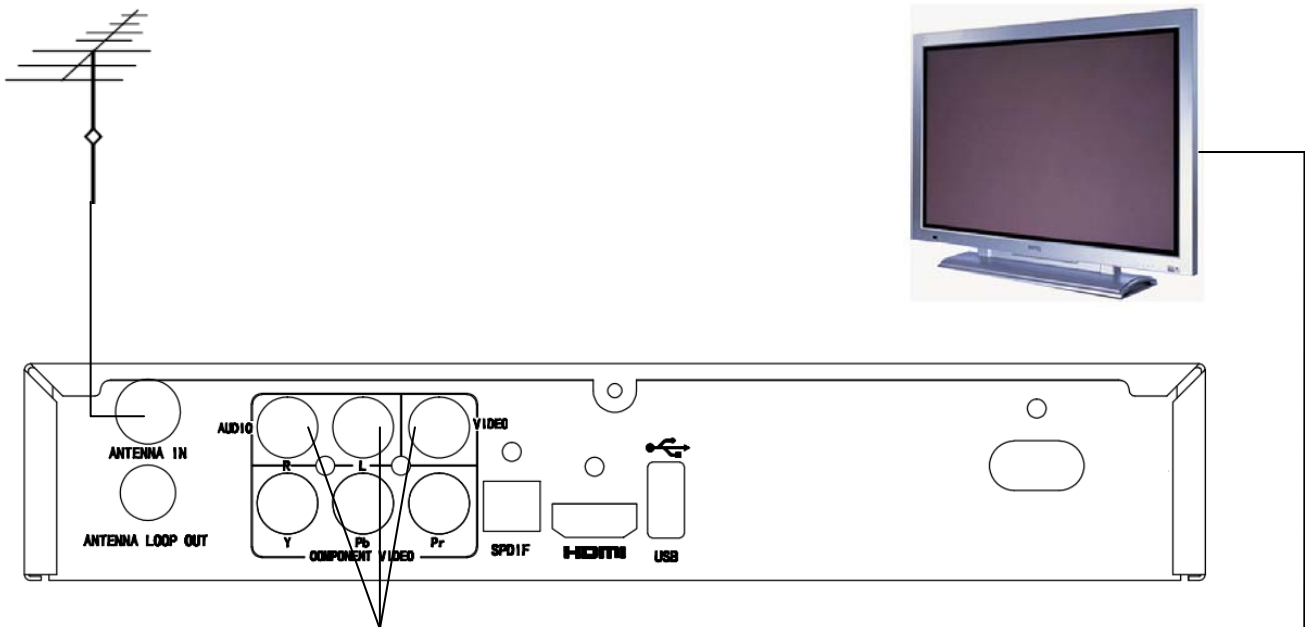
TERMINOLOGY	QUALITY GRADING	EXPLANATION
VIDEO CONNECTIONS		
Composite CVBS	Standard Definition	Complete video signal on one yellow RCA connector. Ideal for smaller screens. Analogue.
Y/Pb/Pr	High Definition	Separate RGB over 3 RCA connectors. Excellent picture quality although Analogue.
HDMI	High Definition	Video and Audio on one cable. Highest possible picture and sound quality to 1080i. Digital.
AUDIO CONNECTIONS		
RCA analogue	Optimal	Left and Right channels via RCA connectors in high impedance. Analogue.
Optical SPDIF	CD quality	Digital stream via Toslink for multi channel audio. Surround sound decoder ready, when broadcast.

N.B. All AV outputs are available simultaneously, simplifying installation and enabling multiple displays of different resolutions to be driven at the same time.

Now you can choose the connection method that best suits your display from one of the methods listed on the following pages:

1. BASIC SET UP using COMPOSITE VIDEO output

Uses the single Yellow RCA Video connector for Composite Video (CVBS) with the Red and White RCA AUDIO R & L connectors at the back of your receiver. All video outputs are active.



1.1 Prepare your equipment

Ensure that the power leads to both the TV monitor and the Set Top Box are unplugged whilst making AV connections.

Make sure that your TV monitor has Composite CVBS video input.

1.2. Connecting Video and Audio

Video

Connect the yellow CVBS Composite Video output from your receiver to the Composite Video input of the TV or monitor.

Audio

- a) Connect the Red and White AUDIO L&R output from your receiver to 2 x RCA leads.
- b) Connect the other end of each RCA lead to the corresponding Audio input connectors on your television monitor.

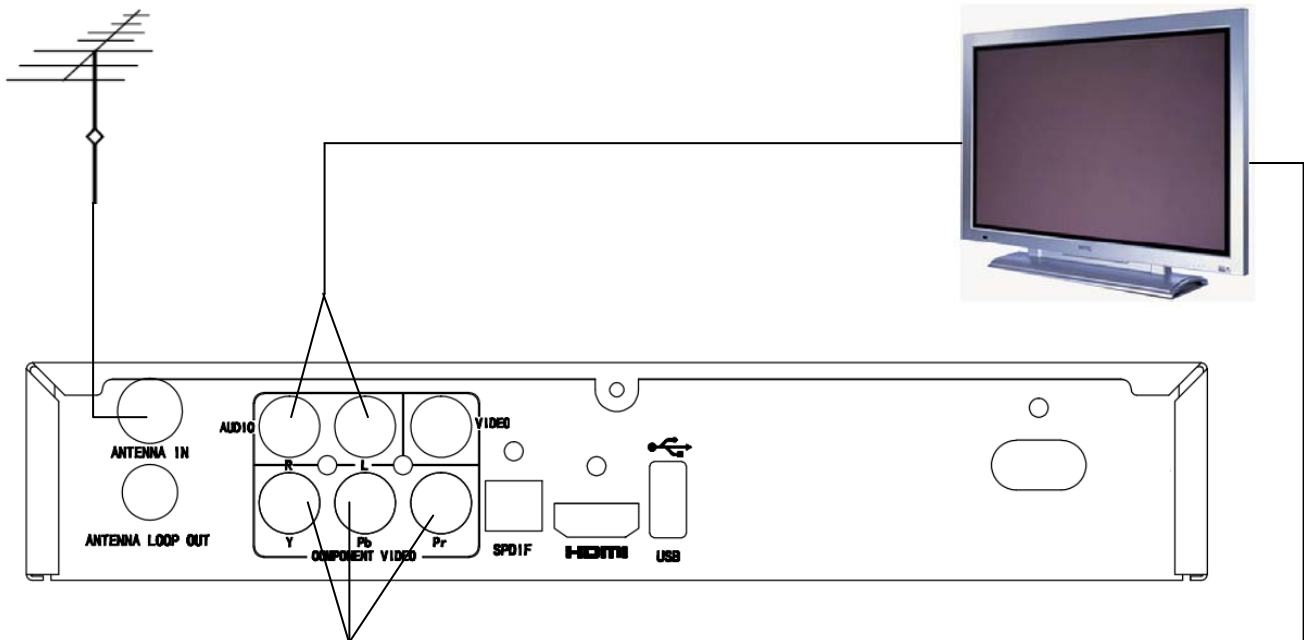
1.3. Connect the antenna...

To the “ANTENNA IN” connection on the rear of your receiver.

1.4. Connect mains power you are now ready for ‘GETTING STARTED’.

2. BASIC SET UP using COMPONENT VIDEO (Red Green Blue)

For component connection, use the Red Green Blue video and the Red White audio RCA connectors on the back of the receiver. The RCA leads included with your receiver can assist. All video outputs are active simultaneously.



2.1. Prepare your equipment

Ensure that the power leads to both the TV monitor and the Set Top Box are unplugged whilst making AV connections.

Your television or monitor must have a Component video input, which may be labelled “Y, Pb, Pr” possibly distinguishable by coloured Red, Green and Blue connectors grouped together.

2.2. Connecting Video

- Connect one end of a 3 wire RCA lead to the Red, Green and Blue Y, Pb, Pr RCA output connectors on the rear of the set top box.
- Connect the other end of this cable to the corresponding RCA video input connectors on your television or monitor.

2.3. Audio

- Connect one end of a 2 x RCA lead to the Red and White AUDIO L & R output connectors on the rear of the set top box.
- Connect the opposite ends of the cable to the corresponding Audio Input connectors on your television, monitor or amplifier.

e) You can also obtain premium quality Digital Audio from the OPTICAL SPDIF terminal to a Digital Audio input on your Audio Decoder or TV set. Optical connections also provide a high level of electrical isolation.

2.4. Connect the antenna...

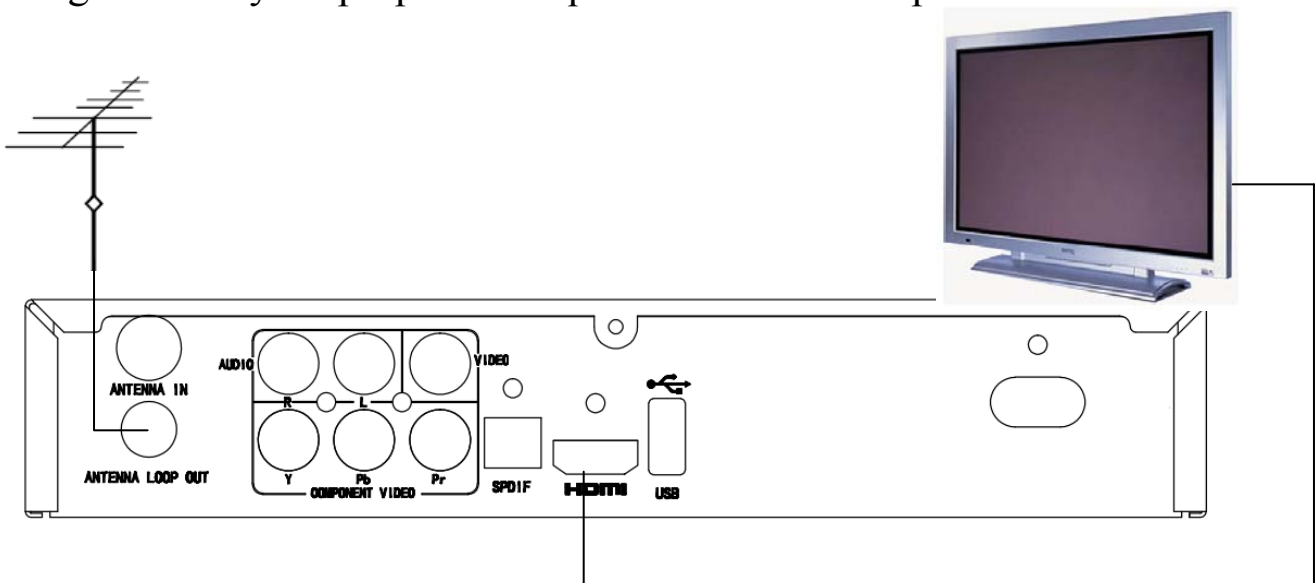
to the “ANTENNA IN” connection on the back of your receiver.

2.5. Connect mains power...

to the back of your receiver using the IEC C7 figure 8 power lead supplied. You are now ready for “GETTING STARTED”.

3. BASIC SET UP using HDMI output

Uses the HDMI connector on the back of the receiver to provide a complete digital video and audio connection in one neat cable. A HDMI cable of length to suit your purpose is required. All video outputs are active.



3.1. Prepare your equipment

Ensure the power leads to both display and receiver are unplugged whilst making your AV connections. Your Monitor must have a HDMI input.

Check your Monitor has a HDMI input.

3.2. Connect the antenna...

to the “ANTENNA IN” socket on the rear of your receiver.

3.3. Connect mains power...

to the back of your receiver using the IEC C7 figure 8 power lead supplied. You are now ready for ‘GETTING STARTED’.

GETTING STARTED

1. Select the most suitable display or TV connection method.
2. Connect a functional TV Antenna to your digital receiver.
3. Turn on your monitor or TV.
4. Turn on your HHT896 receiver.
5. Select the appropriate Input on your monitor or television and connect.
6. The HHT896 Menu should be visible on your Monitor or TV.

FIRST TIME USE

To simplify installation, default options are pre-selected for Australia.

1/ [OSD Language] should not be changed or the user risks the dilemma of understanding an unfamiliar language.



2/ [Antenna Power] must remain [Off], being only required when a 5V amplifier is installed.

3/ Press the 'OK' key to launch automatic Channel Search scan. Alternately, move the cursor to [Channel Search] with the '▼' key. Centre Frequency of Channel and spacing appear at top left of screen. When [Channel Search] is complete, the receiver returns to normal viewing mode automatically, or when the 'EXIT' key is pressed during scan.

Should [Channel Search] be finding transmitters not required, you can truncate Search by connecting the antenna for required channels only.

To use your receiver press the ‘▲’ ‘▼’ or 0 – 9 keys to change channels, ‘◀’ or ‘▶’ to adjust sound level.

Correct picture shape proportions by pressing the ‘ASPECT’ key several times, whilst the receiver is in normal viewing mode. [Aspect Ratio] can also be adjusted from the [Picture] ‘MENU’ with the ‘◀’ ‘▶’ keys.



You are now ready to settle back and enjoy high quality Television viewing.

Due to the complexity of this product descriptions of some functions in this manual may be brief.

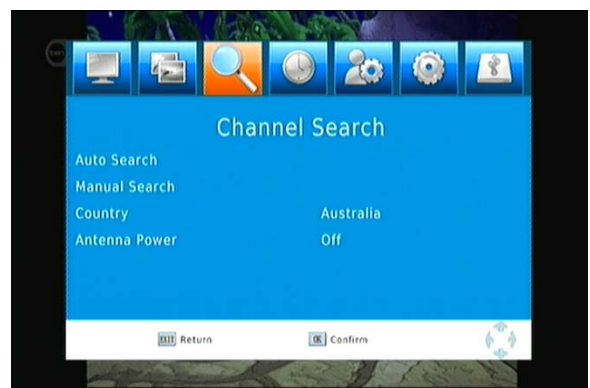


CHANNEL SEARCH

Manual Search adds new or updated channels to those already saved.

Auto Search deletes and replaces all saved channels.

Press the ‘MENU’ key to enter Main Menu, then ‘◀’ or ‘▶’ keys to select [Channel Search].

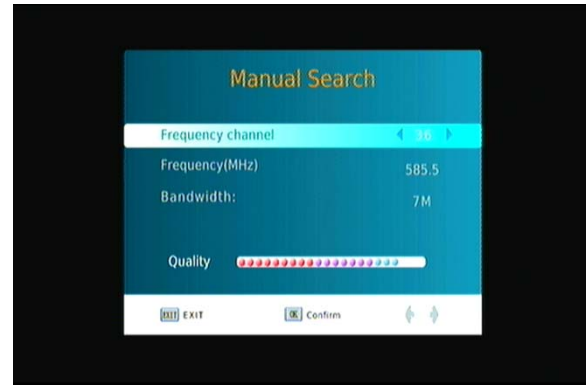


Manual Search: Press the '▼' key to select [Manual Search] and '◀' or '▶' keys to select a Channel to search. The [Quality] bar indicates an active channel. Press the 'OK' key to initiate scan.

- Auto Search: Press the '▼' or 'OK' keys to select and '◀' or '▶' keys to move cursor to [Auto Search]. Press the 'OK' key to initiate scan.

After Search, the receiver returns to viewing state.

- Antenna Power provides 5V DC to 'Antenna In' terminal for a signal preamplifier. It should remain **Off** unless an amplifier is connected!



PICTURE

Press the 'MENU' key to enter Main Menu, then '◀' or '▶' keys to select [Picture] sub menu.

- Aspect Ratio: corrects picture shape proportions on your display.

From the [Picture] sub menu press '▼' or 'OK' keys to select [Aspect Ratio].

Step through 16:9 Wide Screen, 4:3

LetterBox, 4/3 Centre Cut, 4:3 Full or Auto with the '◀' '▶' keys. Press the 'OK' key to confirm selection and 'EXIT' EXIT' to return to normal viewing.

Aspect Ratio can also be adjusted by pressing the 'ASPECT' key from within normal viewing mode.

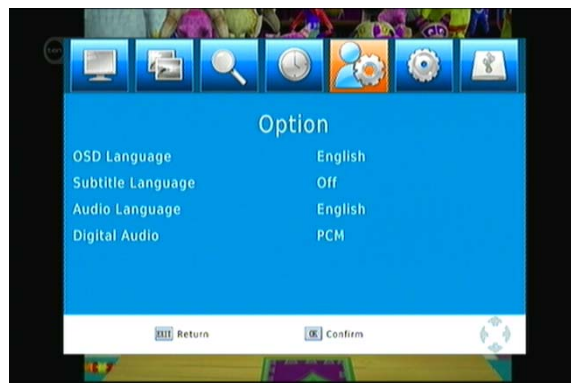
- Resolution: limits video output resolution to best fit to your display. Default is 1080i (Digital TV does not use 1080p).
- TV Format: default is PAL but lesser quality NTSC can be selected.
- OSD Transparency: permits the user to see the picture through the On Screen Display. Press the '◀' or '▶' keys to adjust transparency.



OPTION

Press the ‘MENU’ key to enter the Main Menu, then ‘◀’ or ‘▶’ keys to select a sub menu option.

Press ‘▼’ or ‘OK’ keys to enter.



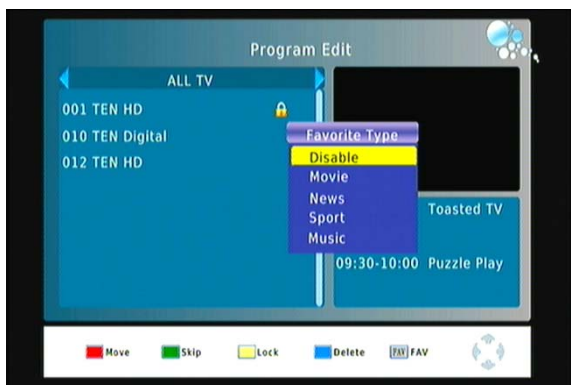
- OSD Language: enables users to select On Screen Display in English, French, Spanish, Czech or Slovenian by pressing ‘◀’ ‘▶’ keys.

Change with care to avoid getting lost in an unfamiliar language!

- Subtitle Language: can be selected, where broadcast. Default is [Off].
- Audio Language: default is [English].select options where broadcast.
- Digital Audio: default is PCM with options of RAW, and Off.

PROGRAM

- Program Edit: allows programs or channels to be sorted according to user’s preference. From the Program menu press ‘▼’ or ‘OK’ keys.



- Enter password (default 000000) to access.

- Move: press the ‘Red’ key to mark a program to move. Press the ‘▲’ ‘▼’ keys to move it to another position on the list. Press the ‘Red’ key again to place it.



- Skip: programs or channels when tuning with the ‘▲’ ‘▼’ keys.

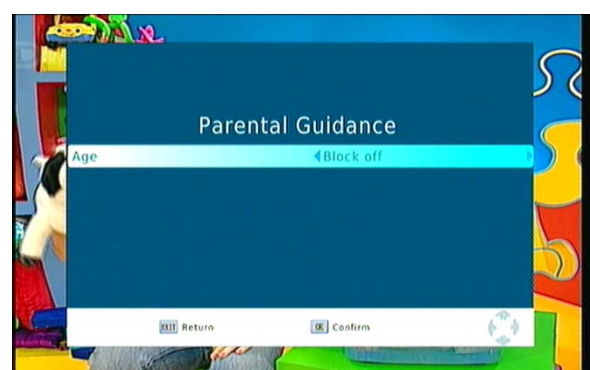
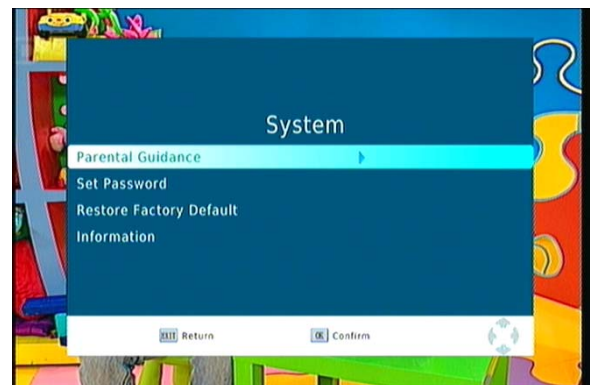
Press the ‘Green’ key. Skipped programs are marked in the All TV List.

- Lock: press the ‘Yellow’ key to Lock or Unlock a program or channel. Enter Password (default 000000) to access. Locked programs are marked with a padlock in the All TV List.
- Delete: press the ‘Blue’ key to remove a program or channel from the list. Receiver asks ‘Do you want to delete this?’ Deleted programs must be ‘Searched’ for again to be re-instated.
- FAV: To add favorite programs or channels, press the ‘FAV’ key to display [Favorite Type]. Press ‘▲’ or ‘▼’ keys to select one. Press the ‘OK’ key to add tuned channel to this Group. Repeat to build your favorites groups. [Disable] removes tuned program from all Favorite groups.
- To use, in viewing mode, press the ‘FAV’ key to see Favorites display. Press ‘▲’ or ‘▼’ keys to select a program or ‘◀’ ‘▶’ keys to step through Favorite Groups. Press the ‘OK’ key to make a selection.

SYSTEM

Press the MENU key to show main menu, press the ‘◀’ ‘▶’ keys to select SYSTEM sub menu. Press ‘▼’ key to enter a further sub menu. Press the ‘OK’ key to enter selection.

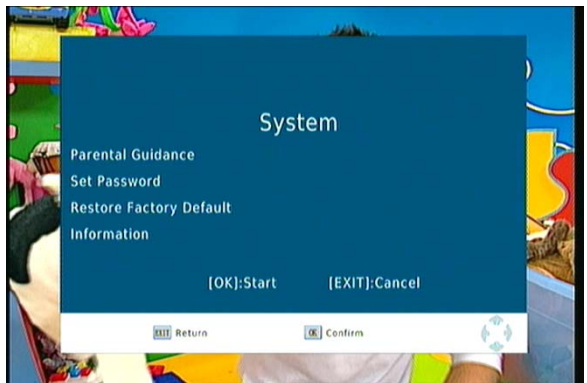
- Parental Guidance: limits access to programs by broadcasters program ratings. Enter Password (default 000000) to access. Press the ‘◀’ or ‘▶’ keys to select. Press the ‘OK’ key to confirm selection.



- **Set Password:** permits default password (000000) to be replaced with your password. *Take care to record a new password!* Enter current password, then new password and again to confirm it.



- **Restore Factory Default:** sets all parameters as they were when receiver was first shipped, deleting all programs or channels found. Enter password when prompted, then press the 'OK' key to Confirm and [Start] or the 'EXIT' key to [Cancel] and Return.

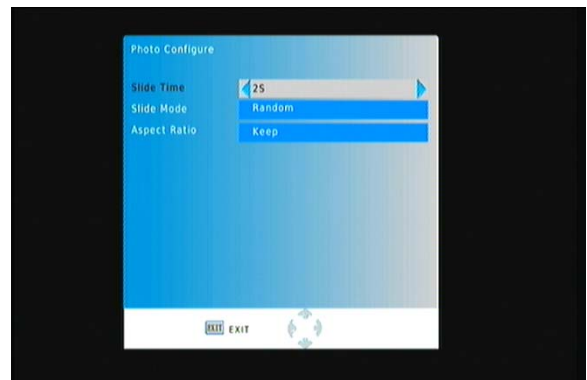


USB RECORDER AND MEDIA PLAYER

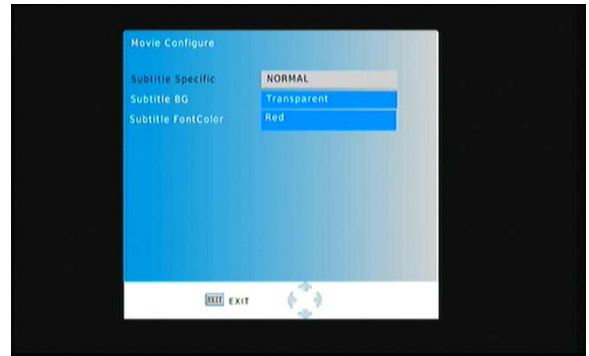
HHT896 includes a useful USB Recorder and Media Player. It can Record programs to view at your leisure, TimeShift (Rewind and Fast Forward) live TV, or play a wide variety of media files. The USB recorder works with large and small USB drives and can fully power 2.5" Portable and Flash USB drives.

Press the MENU key to reveal the Main Menu, press the '◀' '▶' keys to select USB sub menu. Press '▼' key to enter a further sub menu. Press the 'OK' key to enter selected USB function.

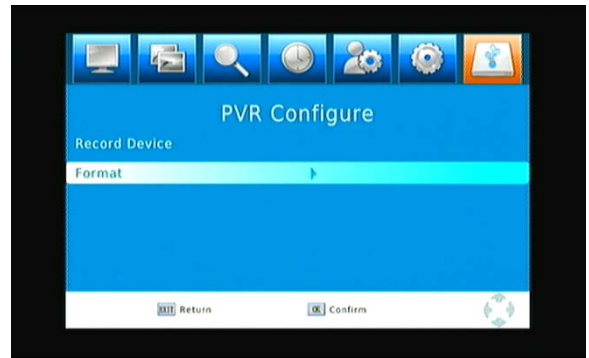
- **Photo Configure**
 - Slide time: select play interval from 1 to 8 sec's with the '◀' '▶' keys.
 - Slide Mode: select slide play mode option with the '◀' '▶' keys.



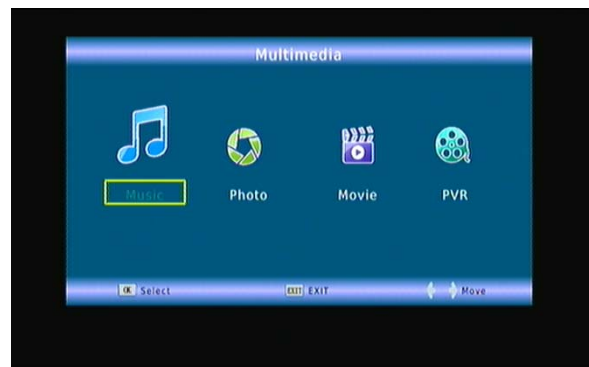
- Aspect Ratio:
 - ✚ [Keep] original picture shape; or
 - ✚ [Discard] displays picture full screen.



- Movie Configure
 - Subtitle Specific: select subtitle size.
 - Subtitle BG: set subtitle background.
 - Subtitle Font Color: set subtitle color.

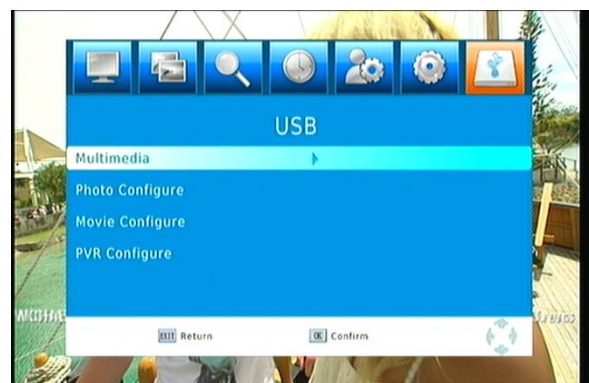


- PVR Configure
 - Record Device: shows USB device's Media Type, Total and Free Space.
 - Format: prepares even large storage devices for use in FAT32 format.
N.B. existing files will be deleted!



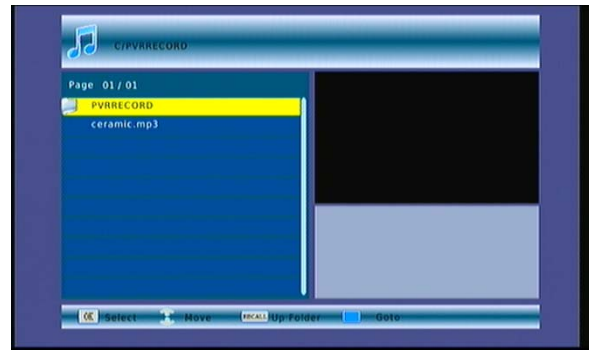
Multimedia

- Connect USB Storage Device.
Press the '◀' '▶' keys to make a selection, press the 'OK' key to enter.
Press the 'RECALL' key to step back.



- Music: Press '▲' or '▼' and 'OK' keys to select a Music folder or file.

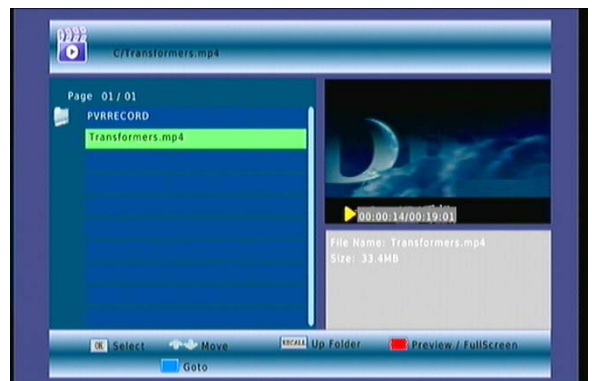
Press 'PLAY' to Play, 'PAUSE' or 'PLAY' to pause. 'STOP' stops Play. The '◀' '▶' keys regulate sound volume level. Music files will run during a Photo show.



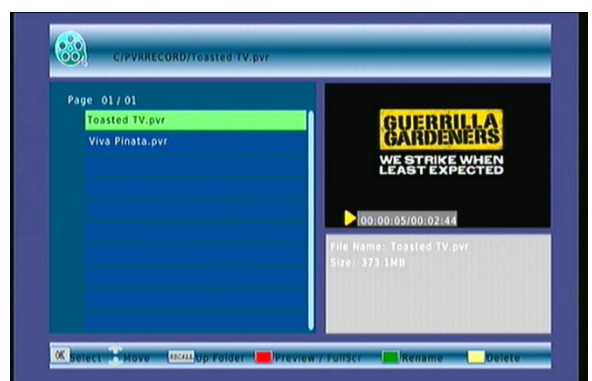
- Photo: Press '▲' or '▼' and 'OK' keys to select a Photo folder or file. Press 'PLAY' to Play or 'PAUSE'. 'Red' key zooms in, 'Green' rotates left, 'Yellow' right, 'Blue' Mosaic Pre-View '▲' '▼' '◀' '▶' navigate. 'STOP' stops Play as does 'EXIT'.



- Movie: Press '▲' or '▼' and 'OK' keys to select a Movie folder or file. Press 'PLAY' to Play or 'PAUSE' to pause. 'Red' key fills screen, 'Blue' engages [GOTO]; enter Hours Minutes, Seconds & press 'ENTER'. 'STOP' stops Play as does 'EXIT'.



- PVR: the 'Yellow' key shortcuts to PVR Play List from Viewing mode. Press '▲' or '▼' and 'OK' keys to select a Movie folder or file. Press 'PLAY' to Play or 'PAUSE' to pause. 'Red' key fills screen, 'Blue' engages [GOTO]; enter Hours Minutes, Seconds & press 'ENTER'. 'STOP' stops Play as does 'EXIT'. Press the 'Yellow' key to remove an item, 'Green' to rename.



ELECTRONIC PROGRAM GUIDE (EPG)

EPG is a 7 day (with 8th day crossover) TV Guide that is always current.

Press the 'EPG' key to enter, from viewing mode.

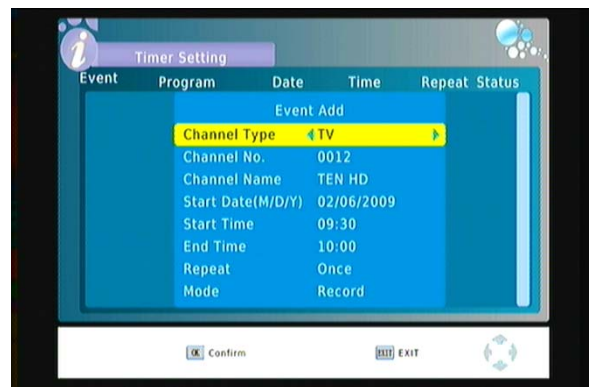
Press the '◀' '▶' keys to change channel, the '▲' '▼' keys to browse the program list of selected channel.

A brief description of the selected program appears to the right.

'Red' or 'Yellow' keys change date, 'Yellow or 'Blue' keys turn EPG pages.

To book a program to [View] later or [Record] to your USB storage device, press the 'OK' key and enter [Timer Setting] Menu. The [Mode] item at the bottom permits choice between [View] and [Record] functions.

Details are automatically copied from the EPG, although they can be user selected. View or Edit [Timer Setting] by pressing the 'Blue' function key.



TIME

So your receiver knows the Time at your location, the offset from GMT (or Universal Time) must be selected. Once set, your receiver has an accurate time reference maintained by each broadcaster.

Press the 'MENU' key to enter Main Menu, then '◀' or '▶' keys to select [Time]. Press 'OK' or '▼' keys to activate.



Two [Time Offset] methods are provided: [Auto] which by selecting [Country Region] adds Summer or Daylight Saving Offset automatically, or [Manual] where the user selects their offset from GMT in hours. Factory Default is [NSW], which works for most Eastern Australian locations.

Auto Standby: switches receiver to Standby or Off automatically after a period selected by the user. Press '▶' repeatedly to make your selection. Press the 'OK' key to confirm.

Power On/Off: enables the user to select [Power On] and [Power Off Time] for the receiver. Press the '▶' key to [Enable], enter time in Hours and Minutes with the number keys. Follow the same pattern to enter a [Disable] time. Press 'OK' to confirm your selection.

SPECIFICATIONS

Tuner

Input Frequency range:	174 MHz - 806 MHz
	VHF High Band: 174 to 230 MHz
	UHF Band: 470 to 806 MHz
Input Signal Level	28dB μ V - 92dB μ V
Input Impedance	75 Ω
Loop Through Output Impedance	75 Ω
RF Input Connector	PAL type 9.5mm Female
RF Output Connector	PAL type 9.5mm Male
Modulations Modes	16-, 32-, 64-, 128- and 256-QAM
Output Format	MPEG-2 Transport Stream
Decoder	
Demodulation	DVB-T COFDM
Video	
Profile Levels	MPEG-4, H.264, MPEG-2 MP@ ML, MPEG-1
Output System	PAL-M/PAL-N/NTSC
Output Connectors:	HDMI, Y,Pb,Pr, CVBS, TOSLINK
Output Level	1V peak to peak at 75 Ω

Audio

Audio Decoding MPEG-1, MPEG-2 (layer I/II)

Sampling Rate 32/44.1/ 48KHz

Frequency Response 20Hz - 20kHz

Output Level Adjustable, 600 Ω unbalanced

Media Player .dat, .mpg, .mpeg, .ts, .trp, .tp, .m2ts, .vob, .mp4,
.mkv, .divx, .avi, .mjpg, .mp3, .m4a, .aac, .wma, .asf

Working Conditions

Power Supply Voltage 90 - 250 V @ 50 - 60 Hz

Power Consumption <9Watts, Standby< 1Watt

Government MEPS registered

Temperature Range 0 - 40 °C

Humidity Range 10% - 90%

Weight <1.2Kg

Case Dimensions L 180mm x W 220mm x H 45mm

Accessories Included Remote Control, Batteries, Owner's Manual, Power
Cable, AV lead

MEDIA PLAYER CODEC SPECIFICATION

File extension	Container	Video Codec	SPEC	Profile
dat, mpg, mpeg	MPG, MPEG	Mpeg1,2	1920x1080 @ 30P	Main Profile
ts, trp, tp, m2ts	MPEG2 -TS H264-TS	MPEG2 ,H.264	1920x1080 @ 30P	H264: Main Profile and High Profile @Level 4.0 MPEG2: Main Profile
Vob	MPEG2 -PS	MPEG2	1920x1080 @ 30P	Main Profile
mp4	AVI, MP4	MPEG4 Divx 3.11, Divx 4.12, Divx 5.x, Divx 6, Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2 H.264	1920x1080 @ 30P	H264: Main Profile and High Profile @Level 4.0 MPEG4: Simple Profile and Advanced Simple Profile @Level 5
Mkv	MKV	H.264, MPEG1,2,4	1920x1080 @ 30P	H264: Main Profile and High Profile @ Level 4.0 MPEG4: Simple Profile and Advanced Simple Profile @Level 5

divx, avi	AVI(1.0, 2.0), DMF0,1,2	MPEG2, MPEG4 Divx 3.11, Divx 4.Divx 5, Divx 6, Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2 H.264	1920x1080 @ 30P	MPEG2: Main Profile MPEG4: Simple Profile and Advanced Simple Profile @Level 5
Motion JPEG	AVI, MOV	JPEG	640x480 @ 30P	

Audio Codec	File Extension		
MPEG1 Layer2	MP3	32Kbps ~ 448Kbps(Bit rate) 32KHz ~ 48KHz(Sampling rate)	
MPEG1 Layer3	MP3	32Kbps ~ 320Kbps(Bit rate) 32KHz ~ 48KHz(Sampling rate)	16384x12800
AC3	N/A (video files only)	32Kbps ~ 640Kbps(Bit rate) 32KHz, 44.1KHz, 48KHz(Sampling rate)	1280x1024
EAC3	N/A (video files only)	32Kbps ~ 6 Mbps 32KHz, 44.1KHz,	9600x6144

		48KHz(Sampling rate)	
AAC, HEAAC	M4A/AAC	24Kbps ~ 384Kbps(Bit rate) 8KHz ~ 48KHz(Sampling rate)	
WMA	WMA/ASF	Bitrate: 128bps ~ 320Kbps Sampling Rate: 8KHz ~ 48KHz	
LPCM	N/A (video files only)	Bitrate: 64Kbps ~ 1.5Mbps Sampling Rate: 8KHz ~ 48KHz	
IMA-ADPCM/MS-A DPCM	N/A (video files only)	Bitrate: 384Kbps Sampling Rate: 8KHz ~ 48KHz	
LBR	N/A (video files only)	Bitrate: 6Kbps ~ 96Kbps Sampling Rate: 8KHz ~ 48KHz	

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

42 Brunel Rd, Seaford VIC 3198, Australia



*HHT896 **HD** TV Receiver*



WIDE HORIZONTM

©2011 www.healingdigital.com errors and omissions excepted