STRONG

High Definition Digital Receiver
SRT 5434

User Manual

Warranty Information

This product comes with a 12 month manufacturer's warranty from the date of purchase.

This unit has a 30 days replacement warranty for manufacturing faults.

Within this period please return the faulty product with all its supplied accessories to either the place of purchase or STRONG Australia accompanied by the original purchase receipt.

After this 30 days period the unit must be returned to STRONG Australia for testing, and if deemed faulty, will be repaired or replaced at the discretion of STRONG Australia Pty Ltd. The faulty product can either be sent to STRONG Australia directly or via your place of purchase for evaluation.

STRONG Australia will cover any reasonable costs incurred in returning the faulty product for evaluation should the product be deemed as genuinely faulty. If the product is found to have no fault, the costs incurred in delivering product to and from STRONG Australia will be the customer.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for major failure and for compensation for any reasonably foreseeable loss or damage. You are also entitled to have goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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Safety Instructions

Safety Precaution
This STB has been designed and manufactured to satisfy the International safety standards. Please read the following safety precautions carefully before operating this receiver.

Main Supply:
Before operating, please check the units operating voltage is 100-240V AC 50/60HZ

Overload:
Do not overload a wall outlet, extension cord or adapter, neither use damaged power cord or touch it with wet hand as this may result in electric shock.

Liquid:
The receiver shall not be exposed to dripping or splashing water, and that no objects filled with liquids, such as vase, shall be placed on the apparatus.

Ventilation:
Keep the slots on top of the receiver uncover to allow sufficient airflow to the unit. Do not put the receiver on soft furnishings or carpets. Do not expose the receiver to direct light or do not place it near a heater or in humid conditions. Do not stack other electronic equipments on top of the receiver.

Cleaning:
Plug out the receiver from the wall outlet before cleaning. Clean the receiver by a soft cloth or mild solution of washing-up liquid (no solvents).

Connection:

Disconnect the receiver from the mains when you connect it to Antenna or disconnect it from Antenna. Failure to do so, could possibly cause damage to the Antenna.

Location:
Put the receiver indoor in order to avoid lightening, raining or sunlight.

Uncover:
Do not remove the cover, to reduce the risk of electric shock. Contact qualified and licensed service personnel to repair the receiver, or contact your dealer.

Reference
Auto Search
Manual Search
PAL/NTSC Conversion
True full Color (32 bits) on screen display (OSD)
Menu language supported: English
Multi-language audio supported
Multi-language DVB Subtitle output
7 days Electronic Program Guide (EPG)
Teletext output through VBI and OSD.
USB 2.0 Interface

Software update:
If new software becomes available for this model, it can be downloaded from our website (www.strong.com.au) and then placed onto a USB. Plug in the USB into the USB port on the unit and then go to:

Menu > System > Software Update >USB Upgrade

Product Overview
Front Panel

1. Power button : Switch between operation and standby modes.
2. Up & Down Channel: Change channel in viewing mode and move the cursor up in menu mode
3. Display : It displays channel information. In standby mode it displays local time.
4. Power /Signal light : Power /signal indicator.
5. USB2.0 : Single USB 2.0 Host Port.

Rear Panel

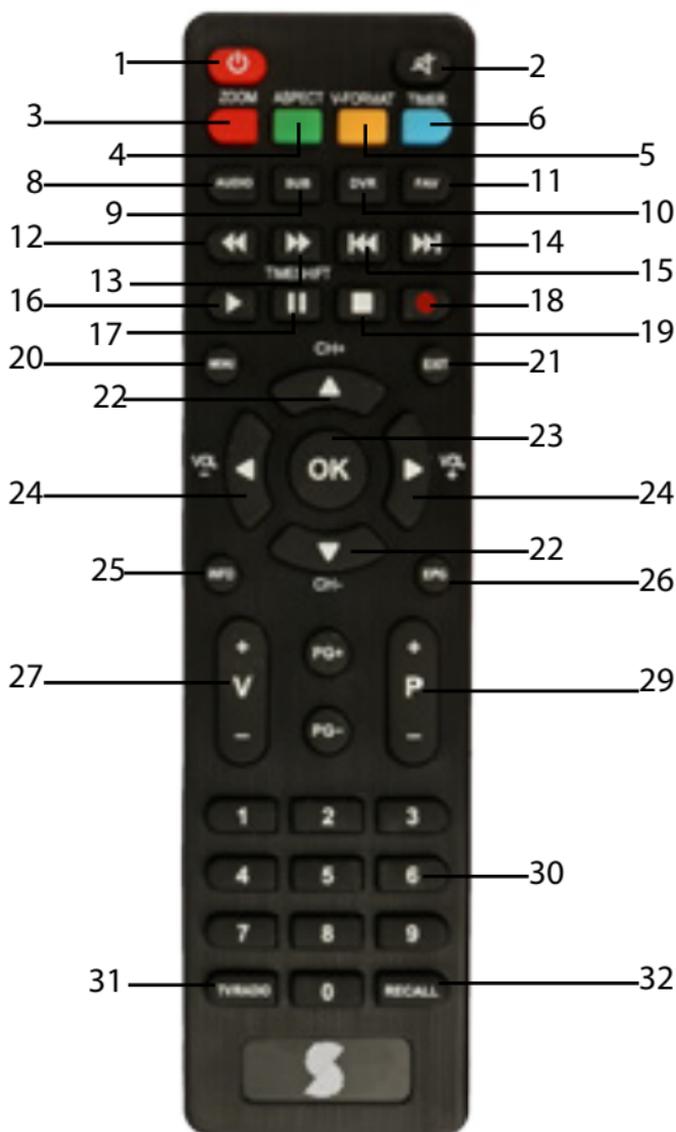1. ANT IN : Connect the antenna cable.
2. ANT OUT : Loop out to pass signal through
3. COAXIAL : Digital Audio output (Optical).
4. DV-OUT : Connect to the TV using an HDMI cable
5. AUDIO R/L / VIDEO : Connect to the TV using RCA cabling
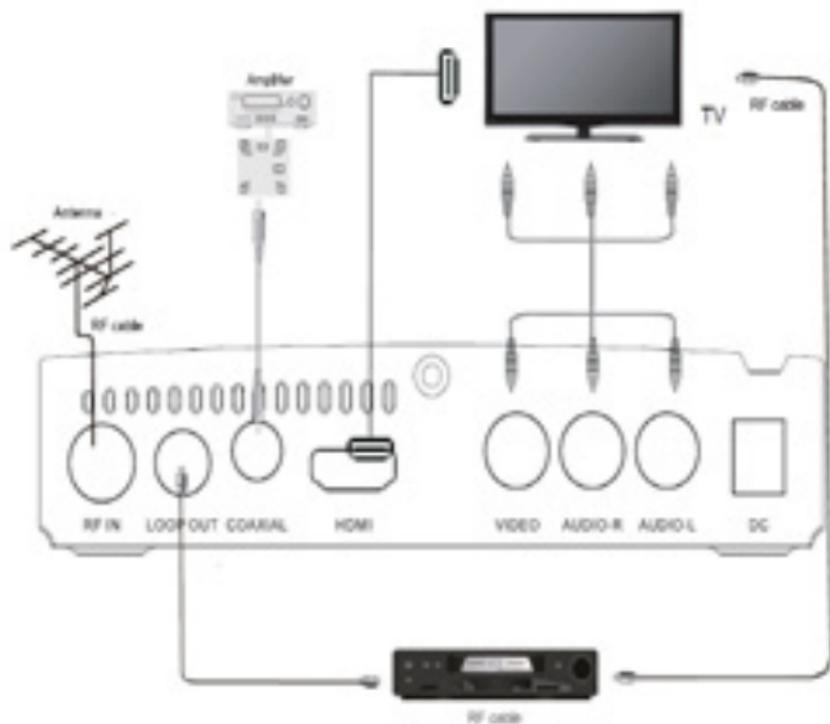6. DC-5V : Connect to the power using power adapter.

*Note: For best results, use HDMI cable and RG6 Quad Shielded antenna cabling

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Remote Control Functions

1. POWER: Turns the receiver On/Standby

2. MUTE: Mutes audio output of the receiver

3. ZOOM: To open the recordings list when in viewing mode. Zoom in on Photos when in Photo mode

4. ASPECT: Change aspect modes: 4:3, 16:9 and to Auto.

5. V-FORMAT: Change video resolution modes: 576i to 1080p (PAL) 480i to 1080p (NTSC)

6. TIMER: Call directly Timer menu to view or set timers

8. AUDIO: Shows list of available audio type or language. Temporary override of Main menu audio setting.

9. SUB: Shows list of available subtitle languages Temporary override of the subtitle setting in the main menu

10. DVR : to access USB & Recorded files

11. FAV: Favourite group selection

12. Fast rewind

13. Fast forward

14. Jumps to previous item in playlist

15. Jump to next item in playlist

16. Start playback from selected file or resume Timeshift

17. TIMESHIFT/ : Start Timeshift mode or pause

18. Stop of playback or Timeshift

19. Records the TV program to the connected storage device

20. MENU: Opens the main menu, in menu you will get one step back

21. EXIT: Exits from the menu or sub-menu

22. Menu Off: Change channel to previous/next.
Menu On: Moves the cursor up/down.

23. OK: Menu Off: Displays the current channel list
Confirmation of Menu Items.

24. Menu Off: Increases/decreases the volume level
Menu On: Change settings for specific Menus

25. INFO: Shows the current channel information
Press twice for program and technical information.

26. EPG: Shows the EPG (Electronic Program Guide) in TV mode

27. V+/V-: Increases/decreases the volume level

29. P+/P-: Channel up/down in channel list mode

30. 0~9: Channel selection or value input

31. TV/RADIO: Toggles between TV or RADIO mode
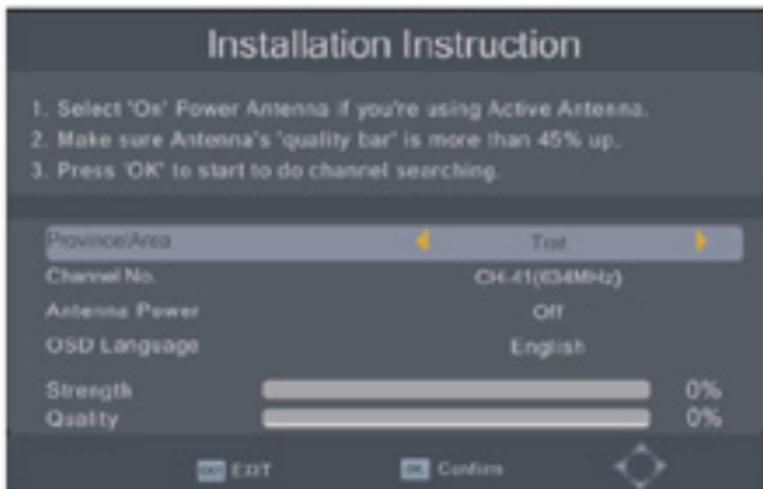
32. RECALL: Back to previous shown channel

Connecting to a Television

First Time Installation

If you are using the unit for the first time or have restored the unit to factory default, the installation guide menu will appear on your TV screen.
- Select 'On' Power Antenna if you're using Active Antenna.
- Press 'OK' to start to do channel searching.

Basic Unit Operation

(1). Program Management Settings

(a) Program Edit
To edit your program preferences (lock, skip, favourite, move or delete), you will need to enter the Program Edit Menu.
This Menu requires a password to access. Enter the default password '000000'.
The master unlock password is '888888'.

(b) EPG (Electronic Programming Guide)
This feature shows the TV program listings for each channel for the following 7 days. The display shows the buttons to
press to go forward or backward in the programs listing.

(c) Sort Channels
Sort your channels from the following options:
[By LCN] - Sort the channels in ascending order.
[By Service Name] - Sort the channels in alphabetical order.
[By Service ID] - Sort the channels according to the station.
[By ONID] - Sort the channels according to ONID.

(d) Creating a favourite list:
•   Press Menu, select Program Edit, type in the Password, 000000
•   Select the channel, press the FAV button, select the Type, press OK and EXIT.

(e) View the favourite channels:
•   Press the FAV button.
•   Using the Vol- and Vol+ buttons , select the FAV type.

(2). Picture Setting

(a) Aspect Ratio
Change the aspect ratio of Video. [Auto], [16:9 PillarBox], [16:9 Pan&Scan], [4:3 LetterBox], [4:3 Pan&Scan] ,
[4:3 Full], [16:9 WideScreen].

(b) Resolution
You can change this setting to match the most common setting for HDMI.

(c) TV Format
If the picture does not appear to be correct you can change this
setting. This should match the most common setting for TVs in your
country.
(d) 3D Output
Change 3D Output Setting.
[OFF] Set 3D Output Off
[Side by Side]Set 3D Output format SBS
[Auto] Set 3D Output Auto
[Top/Bottom]Set 3D Output format T/B
(f) OSD Transparency
Change OSD Transparency. [0%], [20%], [40%], [60%], [80%].

(3). Channel Search
(a) Auto Search
This option will automatically search for channels and save them
once the scanning is complete.
All previously saved channels and settings will be deleted.
(b) Manual Search
This option allows you to scan for new channels without deleting
previously saved channels and settings.

(4). System Setting
(a) Set Password
Enter your old password or the default password '000000'. Enter
your new password, Press OK button and press Exit.
The master unlock password is '888888 ' .
(b) Restore Factory Default
In Main Menu select [Restore Factory Default] . Enter your password
or the default password '000000' and press OK to
confirm. This option will delete all preset channels and settings. The
master unlock password is '888888'.
(c) System Information: Software Version
(d) Software Upgrade via USB

(5). USB

This model will support up to 1TB External USB Hard drive in NTFS

or Fat32 Format

(a) Multimedia

When a USB device is attached you can select from the Music, Photo or Movie options in this menu.

(b) USB Recording

This function is available only when a USB storage device is connected to the receiver.

Instant recording:

If you want to start recording a live show, which is currently being broadcast, go to the desired channel and press the

REC button. Press Stop Button which is white square to stop recording.

Schedule a Recording:

To schedule a recording before broadcast (e.g. record your favourite show while you're out), follow

these steps:

- Press EPG to open the full listings.
- Select the TV channel.
- Select the TV show you want to record.
- Press OK. On the window that pops up, modify the channel, date, recording start -time and recording end-time, as well as optionally selecting to repeat this action on a regular basis.
- Select Mode to record
- Press OK to save the timer.

Timeshift

When you are playing the program, you can insert the USB, and at any time you can press the [Time shift] button, the frame will be paused, and you may press the [PLAY] button after a second, it will start to timeshift now. You may press the PLAY button to return the normal program playing, and the timeshift is continuing, you may see from the picture's bottom which is showing the time shift

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status. In this case, you may make the unit to play the recorded program from the start. Press [Info] key to see time shift information : You can press [fast forward]/[fast back] to move the slide to left or right of the current recording.

Note: Time Shifting will only be available when USB HDD is connected to the system and read/ write speed is high enough to do that. Press [Stop] button to end the timeshift, and it will back to the normal playing of the program.

Playback a recorded file:
•   Press the DVR button from the remote control
•   Select the file from the list, press OK
•   Press RED button (ZOOM) to view in full screen.

Stop the playback:
•   Press the white square button (next to the record and time-shift buttons)

Delete a recorded file:
•   Select the file from the list
•   Press the Yellow (V-FORMAT) button and press OK to delete.

(6). Clock / Time Settings
Menu > Time
•   To select Region, Time Zone & Daylight Savings

*Please note that Day and Date are automatically collected via the Broadcast stream (in Default).

(7). Trouble Shooting

Before contacting your local service centre, please read the tips below carefully. If the problem persists after completing the following procedure, please contact your local product distributor or service centre for further instructions.

1. No message displayed on the front display. (The product will not switch on.)
• Check the main power cable and make sure it is plugged into a suitable power outlet.
• Check that the mains supply is switched on.
• Connect the power cable to a different power outlet.
• Check that the power switch is on at the rear of the product. (where applicable)

2. No picture
• Make sure that the product is powered on and in operation mode. (Press the STANDBY button)
• Make sure that the AV (RCA) or HDMI cable is firmly connected to the TV.
• Make sure that the antenna cable is properly connected to the product.
• Be sure to activate channel search.
• Check the brightness level of the TV.
• Check if the channel is currently on air. Contact the broadcaster to ensure that the channel is running.

3. Poor picture/sound quality
• Make sure there is no mobile phone or microwave oven near the product.
• Adjust the antenna direction to get a better picture.
• Set the antenna power in menu to On, if you use the active antenna to improve the reception (where applicable)

4. No or poor sound
• Check that your AV/HDMI cable is connected correctly.
• Check the volume levels of your TV set and the product.
• Check if the product or TV is on mute.
• Check audio type or soundtrack option. (where applicable)

5. Remote control does not operate.
• To control the product, the top end of the remote control should point directly towards the receiving part of the product.
• Remove and reinsert the batteries in the remote control.
• Replace the batteries in the remote control for a new set.

Unit Specifications
DVB-T2 (MPEG4)TUNER x 1
Guard Interval Modes : 1/4,1/8,1/16,1/32,1/128
Code Rate   :1/2,3/5,2/3,3/4,4/5,5/6
Frequency Range   : 177.5-226.5MHz (VHF) BW=7Mhz | 474-
                                    8585MHz (UHF) BW =8Mhz
IF Bandwidth   : 7 MHz
Waveform   : COFDM
Input Impedance   : 75 Ω
Carrier Mode   : 1k,2k,4k,8k,16k,32k mode

MPEG TRANSPORT STREAM & AV DECODING
Transport Stream   : MPEG-2/4 ISO/IEC 13818-1
Profile Level   : MPEG-1/2 MP@ML, H.264, DivX & MPEG4
Input Rate   : 80Mps for MPEG Transport Stream and 25
                                    Mps for DV StreamsAudio Decoding: MPEG-2
                                    Layer I & II (Music Cam), MPEG4 AAC and
                                    MPEG4 AAC-HE (AAC+), Dolby Digital (AC-3)
                                    with bit rates up tp 640K bits/s, LPCM up to
                                    48KHz, MP3
Audio Mode   : Stereo/Joint Stereo/Mono
Sampling Rate   : 32KHz, 44.1KHz & 48KHz
Aspect Ratio   : 4:3, 16:9
Video Resolution   : 576i, 576p, 480i, 480p, 720p60, 1080i, 1080p
Video Formats   : JPEG, BMP, PNG, AVI, MKV, MP4, OGG, TS,
                                    TP, TRP, MPG, XVID

AUDIO/VIDEO IN/OUTPUT
Video   : RCA/Cinch, Video Outputs (CVBS) @576I or
                                    480I
                                 : HDMI 1.3(High Definition Multimedia Interface)
                                    SUPPORT HDCP
Audio L/R   : RCA/Cinch, Volume and Mute control/
Audio   : Coaxial digital audio output/ SPDIF

DATA PORT
USB   :USB 2.0 Host (USB Port x 1 Front Panel), A-type

HARD DISK - (*Not Supplied)
Will support up to 1TB External USB Hard Disk Drive: NTFS or Fat32
File system

POWER SUPPLY

Input Voltage   : AC100~240V (Detachable)
Power Consumption   : Standby <1W, on mode Max 6W (w/out DVR)

GENERAL DATA

Dimensions   : W150 x D90 x H30mm (D110mm with connec
                          tions)
Weight   : 0.15Kgs (150grams)

*For optimal picture quality HDMI cable is recommended

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