NewMedia Solutions

Making Digital Media Work For You

Digital TV HD Set-top Box

STB2-T2

NMS ETA™ Stereo

Advanced Digital TV Set-top Box

User Guide

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SAFETY INFORMATION

English

This Set-top Box (STB) is manufactured based on international safety standards. Please read the following safety precautions carefully.

POWER SUPPLY

1. Use only 100V – 240V AC 50/60Hz.
2. Place the STB near an electrical socket and ensure that the power cord is not likely to be walked on, pinched or damaged.
3. Ensure the electrical source is not overloaded as this can cause fire or electrical shock

CABLES

Use good quality and certified cables only.

LOCATION

Place the STB indoors and away from any potential hazards, such as near houseplants, open windows (where STB may be exposed to rain), direct sunlight or near a heater.

CLEANING

1. Always disconnect the STB's power cord from the wall socket before cleaning it and use soft damp cloth only.
2. Avoid using solvents as it may cause fire or damage the STB.

VENTILATION

1. Do not block any ventilation holes on the STB and ensure that there is sufficient space around the STB for proper ventilation.
2. Do not place the STB on carpets or materials that may prevent proper air-flow within the STB.
3. Do not stack any other electronic equipment on the top of the STB.

LIQUID

Ensure that the STB is placed in a dry place and away from any liquid. For example, do not put containers with water such as a cup or vase on top of the STB.

SMALL OBJECTS

Keep coins or other small objects away from the STB as they can fall through the ventilation holes and damage the STB.

ANTENNA

Before disconnecting the antenna, switch off the STB first. Disconnecting the antenna while the STB is switched on may damage the STB.

EARTHING

Ensure the power cable is properly connected to the electrical earth (ground) in accordance with all local codes and ordinances.

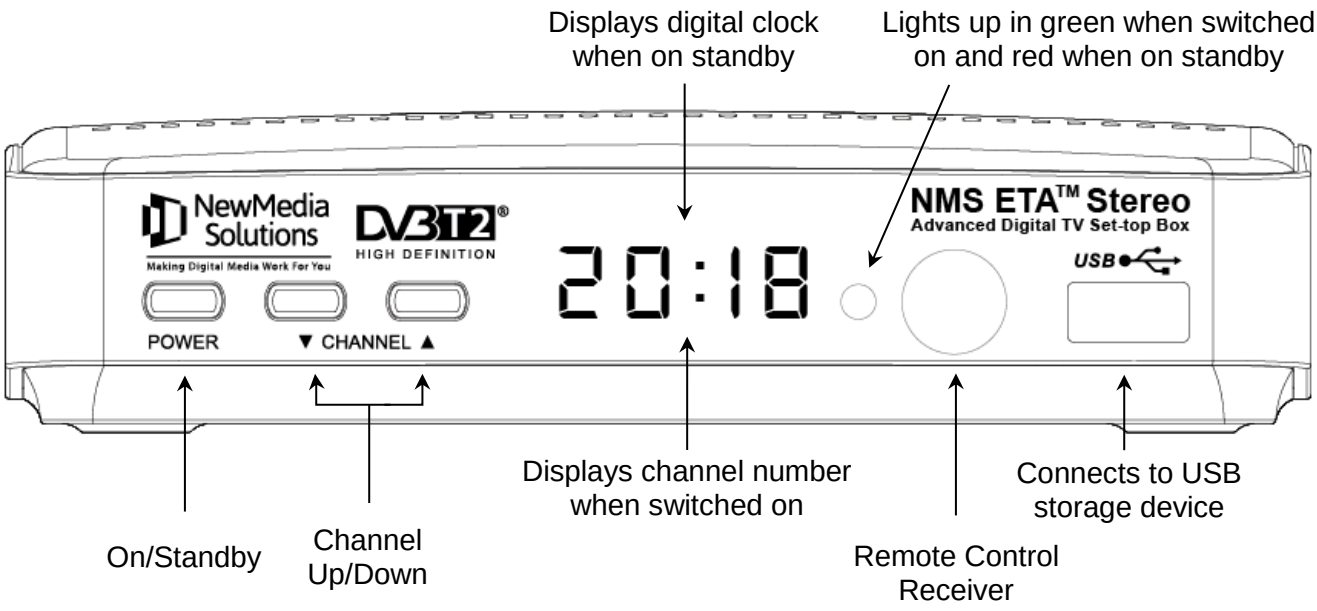
LIGHTNING

1. The STB must remain connected to the main electrical socket at all times.
2. Ensure that the safety instructions of other equipment connected to STB such as a television set is adhered to.
3. Ensure lightning safety devices are in place for outdoor terrestrial antennas, electrical sockets and all other devices near or connected to the STB.

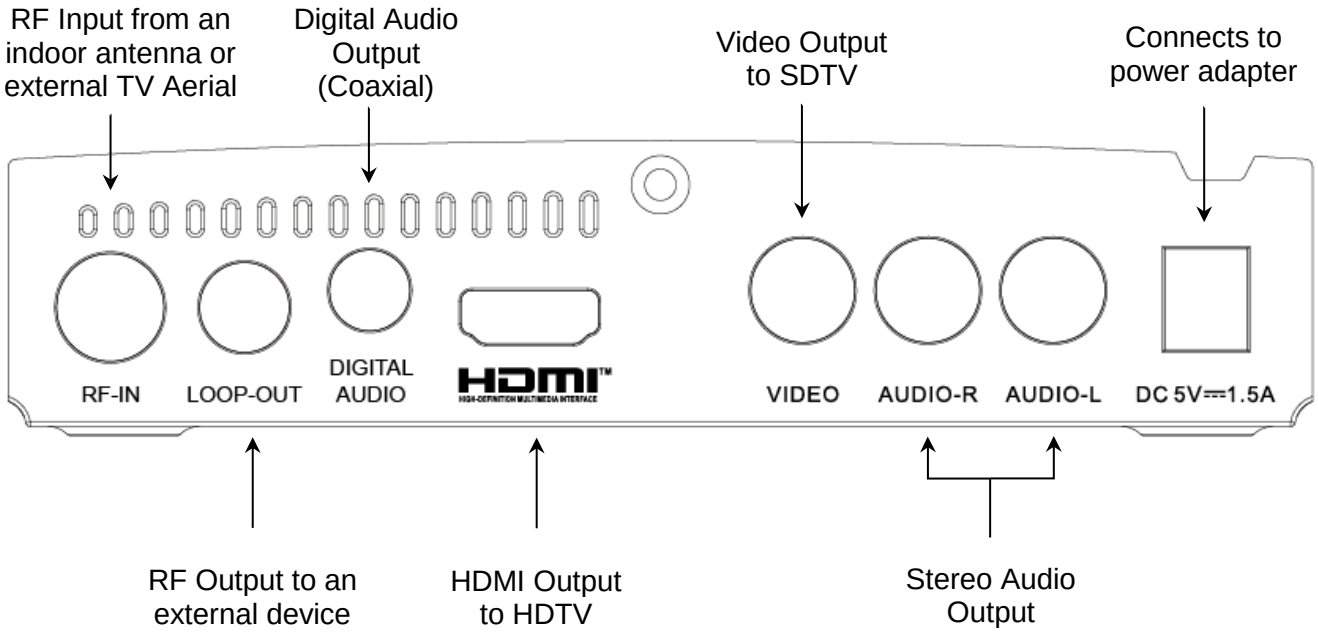
REPAIR

Don't attempt to repair, disassemble or alter the STB. Doing so may cause fire, electric shocks or damage the STB. Ask your local distributor or service centre should you need to repair your STB.

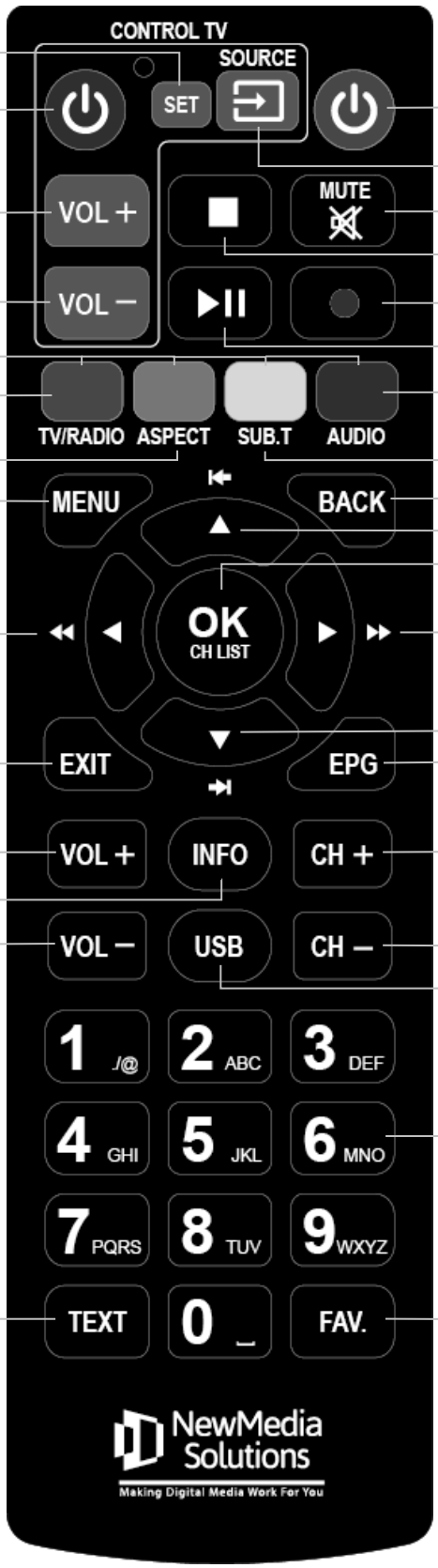
Set-top Box Front Panel



Set-top Box Back Panel



Remote Control



Sets the TV Buttons

TV POWER (Switch TV to on or standby)

TV VOLUME UP

TV VOLUME DOWN

RED/GREEN/YELLOW/BLUE (Menu function buttons)

TV/RADIO (Switch between TV and Radio channels)

ASPECT (Set video to 16:9 or 4:3)

MENU

LEFT / REW (Rewind)

EXIT (Exits menu or on screen display)

STB VOL UP (Increase volume)

INFO (Information)

STB VOL DOWN (Decrease volume)

TEXT (Display teletext if available)

STB POWER (Switches STB to on or standby)

Select TV Source Input

MUTE

STOP

RECORD

PLAY / PAUSE

AUDIO

SUBTITLE

BACK (Previous menu or channel)

UP / Goto Previous

OK / Channel List

RIGHT / FF (Fast Forward)

DOWN / GOTO Next

EPG (Electronic Programme Guide)

CH UP (Next channel)

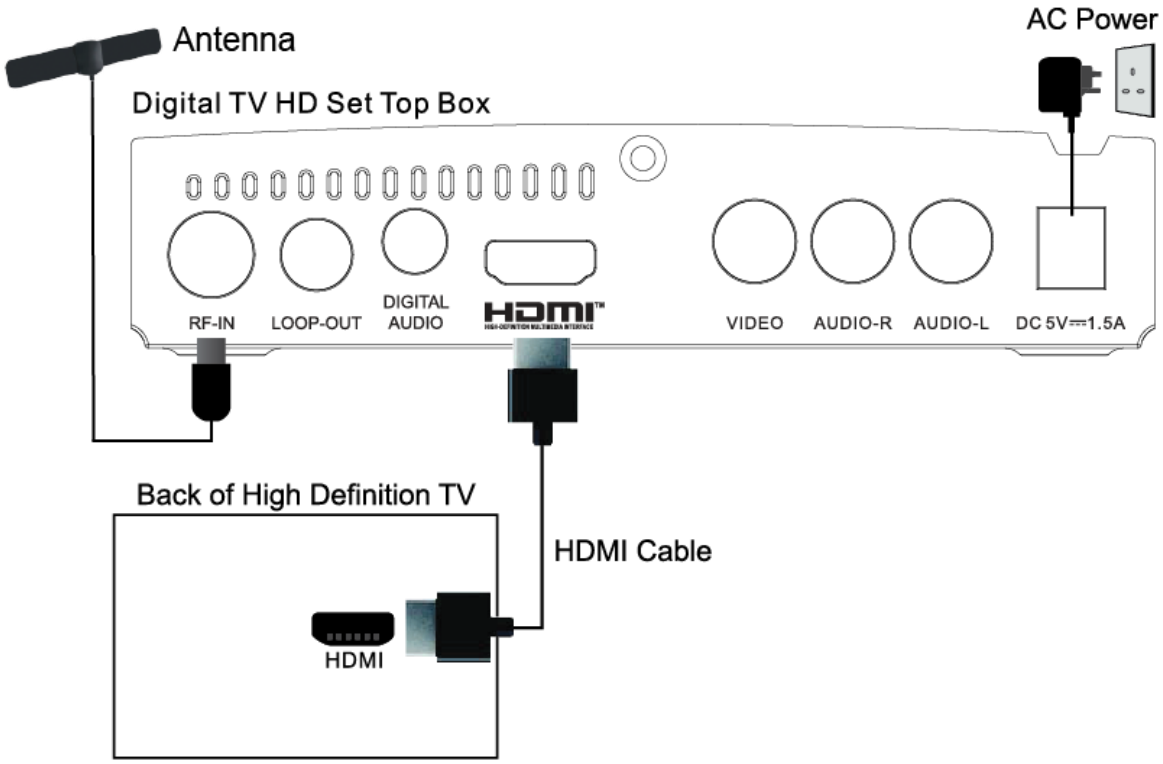
CH DOWN (Previous channel)

USB (To access PVR or media file on USB device)

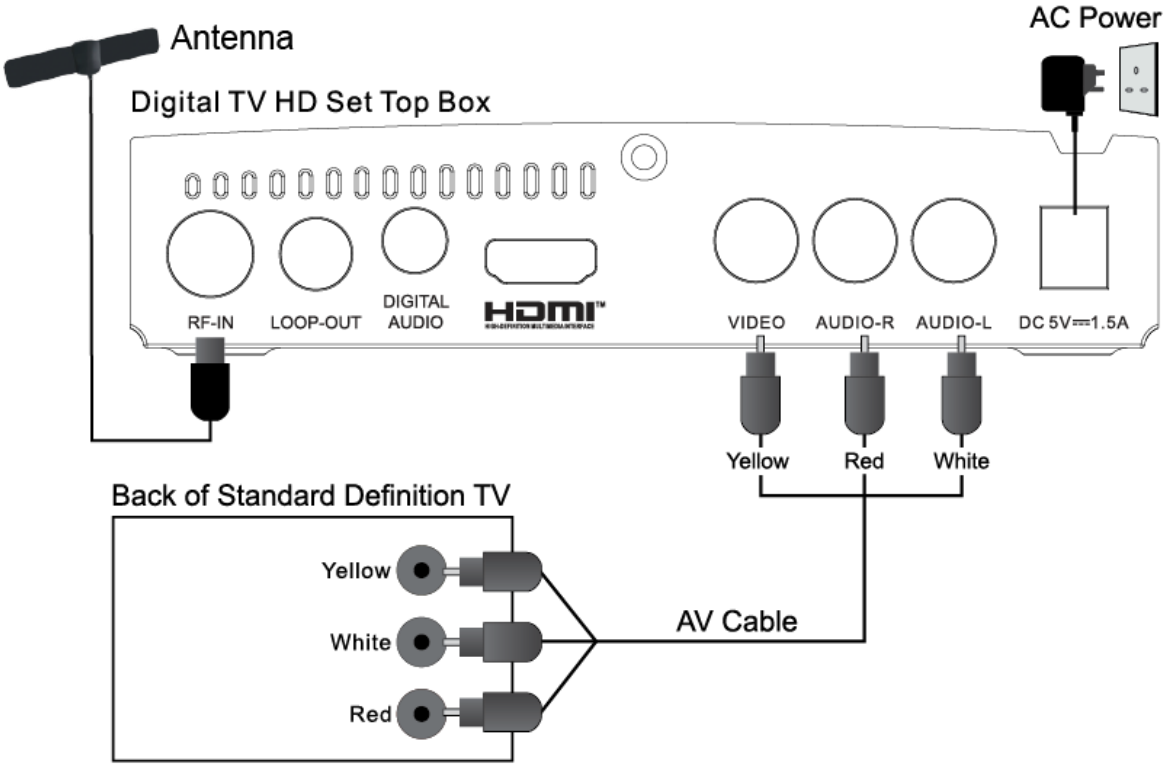
Numeric Keypad

FAV (Select favourite channels)

Setting up for High Definition Television Set



Setting up for Standard Definition Television Set



Menu

Press **MENU** to access the Main Menu Page.

The Main Menu consists of the following sub-menus.

- Media Player
- Edit Channel
- Installation
- System Setup
- Miscellaneous

Press **UP** or **DOWN** to navigate between the sub-menu items.

Press **OK** or **RIGHT** to enter the selected sub-menu.

Press **EXIT** to exit the Main Menu Page.

Menu → Media Player

The Media Player sub-menu allows you to view recordings, video, music and image files stored on your USB storage device. This function is also accessible via the **USB** button on your remote control.

PVR – TV Recordings View or manage list of recordings in your USB storage device.
Do note that due to copyright protection laws, you can only view your recordings on your set-top box and not on other devices such as PCs or laptops.

Videos View or manage video files in your USB storage device. MPEG2, MPEG4 and H.264 video formats are supported.

Music View or manage audio files in your USB storage device. MP3 audio format is supported.

Pictures View or manage picture files in your USB storage device. JPG, BMP and PNG formats are supported.

Note: A USB storage device is required for this function.

Menu → Edit Channel

The Edit Channel sub-menu allows you to edit the channels list in your ETA™ set-top box as follows.

TV Channel List	Allows you to add to favourites, lock, skip, move or edit selected TV channels.
Radio Channel List	Allows you to add to favourites, lock, skip, move or edit selected Radio channels.
Delete All	Delete all channels saved in your set-top box.

Menu → Installation

The Installation sub-menu allows you to scan for available channels if required. By default, all Mediacorp channels have already been pre-loaded in your ETA™ set-top box.

The Installation sub-menu allows you to perform the following.

Quick Scan	Search only Singapore channels (recommended).
Full Scan	Search all UHF frequencies.
UHF Channel Scan	Scan selected UHF channel or frequency.
Antenna Power	Enable/Disable antenna power.

Menu → System Setup

The System Setup sub-menu allows you to set your preferred settings on your ETA™ set-top box as follows.

Language Select your preferred language for the menu as well as audio, EPG and subtitle where available.

TV System Select the video resolution, aspect ratio and digital audio output format.

Display Setting Select the brightness, contrast, saturation, hue and sharpness of the video display.

Local Time Setting Select the time zone or manually set the date and time of your set-top box.

Timer Setting Sets the timer for recording or viewing of selected programme. This function is also accessible via the EPG→Manage Timer function.

Parental Lock Enable/Disable parental lock to restrict programmes with selected ratings or higher where indicated in the programme. Ratings supported includes, G, PG, PG13, NC16, M18 and R21. The default password is "**0000**".
This sub-menu also allows you to set a new password.

On Screen Display Settings
Select if subtitle should be on/off by default, the duration to leave the info bar on-screen and the transparency level of the info bar.

Favourite Allows you to rename your favourite channel group names.

Audio Description Settings
Enable/Disable the audio track describing the scene where available in the programme to assist those who are visually impaired.

Menu → System Setup

USB Storage Information
Displays details of the USB storage device connected to your set-top box.

Time-shift Settings Enable/Disable the Time-shift function.

Wake-up and Sleep Enable/Disable the wake-up and sleep timers.

Others Enable/Disable the following:
Auto Standby: Enable/Disable your set-top box to automatically go to standby mode after 3 hours if no activities are detected.
RF output: Enable/Disable RF output to remain enabled when your set-top box is in standby mode).
Menu Lock: Enable/Disable password to access the main Menu.

Menu → Miscellaneous

The Miscellaneous sub-menu allows you to perform or view the following.

Information View the hardware and software model/version of your set-top box.

Factory Reset Resets your set-top box with default settings. The default password is "**0000**".

Othello/Sudoku Two interesting games for you to enjoy!

Firmware Upgrade (Via OTA)
Scans the broadcast and upgrades the firmware if a newer version is available.

Firmware Upgrade (Via USB)
Upgrade the firmware via a newer firmware stored on a USB storage device.

Safely remove USB device
Disconnects the USB storage device from your set-top box to allow you to remove it safely.

Menu → Edit Channel → TV/Radio Channel List

The TV or Radio Channel List sub-menu allows you to perform the following.

FAV — Select your favourite channel by pressing **UP** or **DOWN** buttons and press **FAV** on your remote control to choose the favourite channels group to save the selected channel. Press **BACK** to return to the Channel List.

LOCK — Select the channel and press **RED** on your remote control to lock the selected channel.
Enter your password when prompted. The default password is **0000**.

SKIP — Select the channel and press **GREEN** on your remote control to skip the selected channel.

MOVE — Select the channel and press **YELLOW** on your remote control to move the selected channel.
Press **UP** or **DOWN** to move the selected channel up or down in the channel list.
Press **OK** when done.

EDIT — Press **BLUE** on your remote control to switch to the edit sub-menu.
Next, select the channel you would like to edit.
Press **RED** to delete the selected channel.
Press **GREEN** to edit the channel name.
Press **YELLOW** to edit the channel number.
Press **BLUE** to sort the channels names in ascending or descending order or sort by free followed by scrambled channels or sort by locked followed by unlocked channels.

EPG

The EPG menu displays the Electronic Programming Guide of all available channels.

Press **EPG** to view the EPG screen.

Press **LEFT** or **RIGHT** to scroll through the programmes of a selected channel.

Press **UP** or **DOWN** to scroll through the channels.

Record Press on the **RED** button to record the selected programme. Your set-top box will automatically record the selected programme when it is on-air.

Reminder Press on the **GREEN** button to view the selected programme. Your set-top box will automatically switch to the selected channel when the programme starts.

Navigate Press on the **YELLOW** button to allow enable the navigation menu as shown below.

Exit the navigation menu bar.

Return to the current time.

Next or previous programme.

Advance or back by 2 hours.

Advance or back by 1 day.

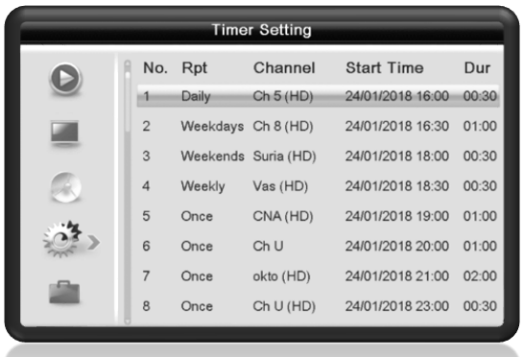
Select the navigation menu item by pressing **LEFT** or **RIGHT** buttons.
Press **OK** to perform the selected navigation.
Press **BACK** to exit the navigation menu.

Manage Timer

Press **BLUE** to access the Timer Setting menu.

Note: A USB storage device is required for the recording function.

Timer Setting



The Timer Setting menu allows you to set the viewing or recording schedule. A total of 32 timers may be set. Each timer includes the following settings.

Frequency Select Once, Daily, Weekdays, Weekends, Weekly or Monthly.

Type Select Record or View.
When Record is selected, your set-top box will automatically record the channel at the selected time and duration.
When View is selected, your set-top box will switch to the selected channel at the selected time.
If your set-top box is on standby mode, the timer will automatically switch on your set-top box at the start time.

Channel The channel to switch to when the timer is activated.

Date/Time The day and time when the timer will be activated.

Duration The duration for the recording. If your set-top box is on standby mode before the timer is activated, it will return to standby mode when the recording has been completed. *Note: This setting does not apply to the View mode.*

Note: A USB storage device is required for the recording function.

Time-shift

Press **PAUSE** to pause the channel you are watching.

Press **PLAY** to resume watching the channel.

Press **REW** or **FF** to browse the recorded portion of the video.

The timer above shows the current play position.

The timer below shows the duration of video recorded.

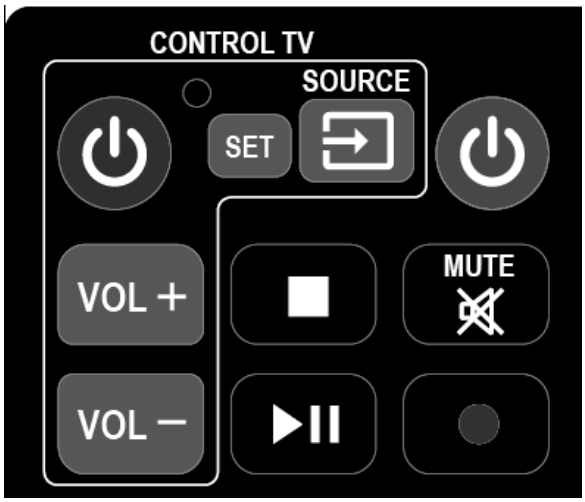
If Time-shift is enabled in Menu→System Setup→ Time-shift Settings sub-menu, the channel is recorded the moment you start viewing the channel. Otherwise, recording begins only when you pause the channel.

Pressing **STOP** or changing channel will erase the recorded video.

Note: A USB storage device is required for this function.

Learning Your TV Remote Control Buttons

Your NMS ETA™ Stereo comes with a special remote control that can control your TV by learning the codes of the “Source”, “Volume Up”, “Volume Down” and “Power” buttons on your TV remote control. This way, you only need NMS ETA™ Stereo remote control to control both your TV and NMS ETA™ Stereo set-top box to view your favourite TV channels.



To learn the codes of the “Source”, “Volume Up”, “Volume Down” and “Power” buttons on your TV remote control, please perform the following steps.

1. Point the TV remote control to face the top part of ETA™ Stereo Remote Control.
2. Press the

button on ETA™ Stereo Remote Control for 3 seconds until the indicator lights up in solid red without blinking.
3. Press the button on ETA™ Stereo Remote Control once. The red indicator light will now blink slowly.
4. Now press the SOURCE button on your TV Remote Control (your TV remote control may label this button as SOURCE or INPUT). Now the red indicator light will blink quickly.
5. Press the

button again on ETA™ Stereo Remote Control to save.
6. Repeat steps 2 to 5 for the

,

and buttons.
7. Congratulations! Your ETA™ Stereo Remote Control is now fully setup!

Glossary

Abbreviation/Term	Description
Channel List	List of channels stored in the STB.
DVB-T2	Digital Video Broadcasting – Second Generation Terrestrial
EPG	Electronic Programme Guide
FLV	Flash Video
HDTV	High Definition Television
PVR	Personal Video Recorder
STB	Set-top Box
USB Drive	This is a USB flash drive or hard disk storage device. To ensure optimal performance, use only USB 2.0 or later drives or devices.

Troubleshooting

Problem	Possible Causes	Resolution
STB does not contain any channels.	All channels may have been deleted.	Reset the STB to factory default settings. Or perform an Express or Full Search.
The sound is missing.	1. Program may be muted 2. The A/V cable might be loose 3. Problem with the selected channel.	1. Press **MUTE**. 2. Press **VOLUME UP** to increase the volume. 3. Switch to another channel to check if audio is available. 4. Ensure A/V cables are connected properly.
There is audio but no video on the TV.	The STB could be in Radio mode.	Press **TV/RADIO**.
The STB is hung.		Power off the STB and wait for 30 seconds before powering on the STB again.
The Remote Control seems unresponsive.	The batteries in the remote control might be running out. The STB could be hung.	1. Change the batteries in the remote control. 2. Power off the STB and wait for 30 seconds before powering on the STB again.
There is no signal on the TV.		1. Ensure that all cables are connected properly. 2. Ensure that the correct source is selected on the TV.