



NCE SMART DTV USER MANUAL



12V / 240V with inbuilt DVD

NCE Smart DTV warranty terms & conditions

The warranty cover period are listed below:

| Items | Warranty Period | Warranty Type |
|--------------------|-----------------|-----------------------|
| Remote controls | 6 months | Repair or Replacement |
| Television console | 1 years | Parts/labour |

1. NCE will provide parts and labor to you the Customer as set out here in.
2. Nothing in the warranty, limits any rights you may have under the trade practices act or any other Commonwealth or State Legislation. Such rights cannot be changed by the conditions in this warranty. Subject to the conditions below this appliance is warranted by NCE and/or its Agents to be free from defects in materials and workmanship for a period of 12 months on non combination models from the date of purchase (the "Warranty period")
3. This warranty:
 - a. covers products purchased as NEW, manufactured for use in Mainland Australia
 - b. commences from the date of purchase as listed on the original customers product purchasing invoice;
 - c. provides for the labor and replacement parts necessary to maintain your product in good operating condition as specified in this warranty however, if repair is needed because of product failure during normal usage, NCE has the option to repair or replace the defective product or part of the product with a product or part of the product of like kind and quality and a replacement part may be new or reconditioned of like kind and quality and may cost less than the original product purchased and no charges or refunds will be made based on the replacement product cost difference;
 - d. applies only to the original purchaser and cannot be transferred;
 - e. is only applicable when your appliance is used as per its intended use;
4. Product Identification
 - a. NCE reserves the right to reject claims for any services or work where the Customer requesting such work or services from NCE / or its agents cannot produce for verification the serial number and the proof of purchase as per original purchase invoice.
 - b. The warranty will be voided if any original service or serial number sticker provided to be placed on the equipment is damaged, modified or removed.
 - c. In the event that a request for repair is made against a warranty where the service /Serial Number sticker is not attached to the product or the customer cannot produce for verification the original invoice, the repairer will not affect any repairs on the product and the Customer will be charged a service call-out fee.
 - d. NCE / or its agent reserves the right to reject claim of service for any item is not packed in original box or equivalent. Customer will be charged a deliver fee based on no original box or equivalent packaging.
5. What is covered by this warranty
 - a. The equipment is covered for faulty workmanship on parts that have failed under normal use which are contained within the product.

b. NCE and/or its Agents will decide if there are any defects in the material and/or workmanship. This warranty is only applicable for repairs on declared equipment carried out within Mainland Australia

6. What is NOT covered by this warranty

a. Product performance or failure -

- i. of equipment due to the product being inadequately serviced to manufacturer's recommendations;
- ii. resulting from environmental conditions including and not limited to dirt, dust, rodents, insects, rust, corrosion, salt built-up, of any part of the product including its parts; or
- iii. resulting from excessive use "fair wear and tear";
- iv. resulting from poor installation including and not limited to positioning and externally fitted equipment such as plumbing and drainage, cabling, antennae or due to Incompatibility of connected equipment;
- iv. to the product caused by overheating as a result of siting or positioning of the equipment, where there is not provision for adequate ventilation or a dust free environment;
- v. caused if your appliance has been dismantled, repaired or serviced by any person other than someone authorized by NCE
- vi. to a product or components, caused by power surges or spikes, including and not limited to, mains power and telecommunications connections, or to other unspecified sources, incorrect power current, voltage fluctuation, amperage fluctuation, rust or corrosion;
- vii. due to a dropped product; collision with another object, use of which is not designed, negligence, accident or deliberate misuse, theft, abuse, vandalism, flood, fire, earthquake, electrical storms or any other Act of God or any war related events;
- b. costs of attendance and testing where no mechanical or electrical failure is identified;
- c. initial setup and installation of the product;
- d. Normal maintenance cost and costs incurred through the installation of items listed as requiring periodic replacement;
- e. products with removed or altered serial numbers;
- f. consumables such as but not limited to bulbs/globes, batteries, remote controls;
- g. removal and reinstallation of an internal component not performed by a factory authorised service centre;
- h. cosmetic or structural items;
- i. Any failures due to the interference from or to other products and/or sources;
- j. Inability of the product to read or output damaged or copied media;

7. The Warranty Ceases if:

- a. The product ceases to carry the original manufacturer's serial number or is sold at an auction;
- b. The product is rented;
- c. Damage to the product has occurred as listed in point 6b.

8. Neither NCE nor its representatives provide loan equipment under the terms of this warranty.

9. Any unauthorized access to the internal hardware of the product will void this warranty.

10. Replacement items are "Like for like" and is not "new for old" and does not indicate in any way that a faulty product will be replaced with a new part or unit.

11. If you reside outside of the service coverage area of your nearest authorized service agent, this warranty does not cover the costs of transportation or travel expenses to and from your home.

12. NCE accepts no liability for items that are lost, damaged, or stolen as a result of freight, transport or storage. If you are required to transport the appliance to an authorized service centre, you must ensure that it is securely packed and insured.

13. On Public Holidays or other periods when regular business and wholesale operations are temporarily ceased, repairer availability and warranty response times may extend beyond the standard response times due to the availability of repairers and parts.

14. Special Conditions relating to LED / LCD TV's, Panels, Television and Projections Equipment

a. All LED / LCD Panels exhibit some bright, dark or partially lit pixels, a normal limitation of these technologies, and the manufacturing processes involved and are usually not noticeable when viewing normal screen images and defective pixels are not a warranty issue unless they exceed the manufacturer's specifications for pixel defects. Where there are no manufacturer specifications, NCE covers the screen provided for 11 or more pixels that are failing to display

b. Image retention or burn-in can be a problem for all phosphor based displays. In extreme cases, permanent phosphor burn can occur if still/repetitive images are left on the screen for extended periods of time. Such damage to the screen is not covered by the warranty. Please ensure that the precautions in any documentation supplied with your product are followed in order to avoid permanent damage to your display.

c. Where a product is positioned higher than 1.2m from the lowest mount point, is wall/ceiling mounted or where aftermarket mounts and/or stands are used, or where the unit has not been installed by a professional installer, an extra service charge will apply to unfix and refix this product.

15. Any repair performed on a product under the warranty where no fault can be found, or the item is deemed by NCE, the supplier or an authorized, to be not faulty under this warranty, or the repair or fault is not covered under the warranty, a No Fault Found fee may be payable by the warranty holder.

16. Any repairs or services required that are outside of the terms and conditions of the warranty can be carried out at the request of the customer or due to site attendance were fault is not covered under warranty as the product not been installed or setup correctly; a credit card may be required prior to the commencement of such services.

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Power Supply

Warnings

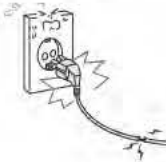
Do not touch the power plug with wet hands.

- Doing so may result in electric shock.



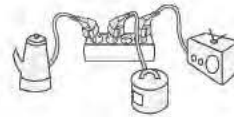
Do not use a damaged power cord or plug or a loose outlet.

- Doing so may result in fire or electric shock.



Do not plug several devices into the same outlet.

- Doing so may cause the outlet to overheat and start a fire.



Insert the power plug fully into the outlet.

- A loose or improperly inserted power plug may result in fire.



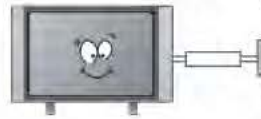
Do not bend the power cord excessively or place heavy objects on it.

- Doing so may result in fire or electric shock.



Be sure to ground the unit.

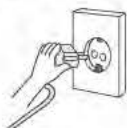
- Failing to do so may lead to electric shock when a short circuit or overload occurs. If necessary, install a ground fault circuit breaker. Never ground to a telephone line, lightning rod, or metal gas pipe. (Doing so may result in fire, electric shock, or other hazards.)



Cautions

When disconnecting the power cord from an AC outlet, always grasp it by the plug.

- Pulling on the cord can damage the internal wire and may result in fire.



Always unplug the unit before cleaning.

- Not doing so may result in fire or electric shock.



The purpose of these precautions is to ensure user safety and prevent property damage.

Be sure to read and observe all safety precautions.





Installation

Warnings

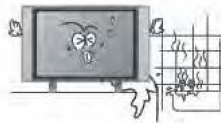
Do not place containers with liquids such as flower vases, soft drink cans, or medicine bottles or small metallic objects on top of the unit.

- If liquid enters the unit or any metal object falls into the unit, it may result in short-circuit, fire, or electric shock.



Do not place the unit where it is exposed to rain, excessive moisture or grease.

- Doing so may result in fire, electric shock, malfunction, or deformation.



Do not use or store flammable or combustible materials near the unit.

- Doing so may result in fire or explosion.



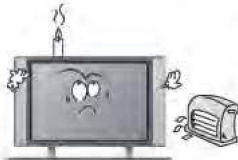
Do not place the unit on an unstable surface, such as a wobbly stand or sloped table, or on any surface whose area is smaller than the bottom area of the unit.

- If a child climbs on the unit, it could topple and fall onto the child, resulting in serious injury to the child or damage to the unit. Place the unit on a flat stable surface.



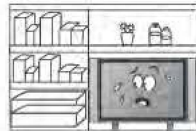
Do not place a burning candle, burning anti-mosquito incense, or lighted cigarette on top of the unit. Do not place the unit near any heat source such as a fireplace or space heater.

- Doing so poses a serious risk of fire.



Do not place the unit in a poorly ventilated enclosure, such as a cabinet.

- Doing so poses a serious risk of fire.



Do not run power cords near heat-producing appliances such as radiators, stoves, or irons.

- The excessive heat could melt the insulation and expose live wires, resulting in fire or electric shock.



Install the antenna away from high-voltage power lines and communication cables and make sure it is installed securely.

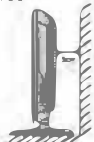
- If the antenna touches a power line, contact with the antenna could result in fire, electric shock, serious injury, or death.



Cautions

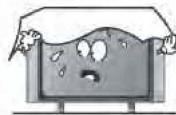
Install the unit at an adequate distance from the wall to ensure sufficient ventilation.

- If the temperature inside the unit rises, it may result in fire.



Do not cover the unit with a tablecloth, curtain, or other material.

- If the temperature inside the unit rises, it may result in fire.



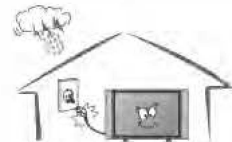
Be sure to place the unit on a level surface.



Warnings

Form a drip loop where the coaxial antenna cable enters your building to prevent rainwater from traveling along the cable and coming in contact with the antenna input terminal.

- If rainwater finds its way inside the unit, it may result in fire or electric shock.



- The following precautions are divided into "Warnings" and "Cautions".

⚠ Warning : Ignoring this precaution may result in death or serious injury.

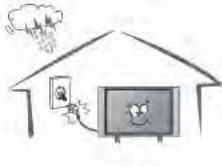
⚠ Caution : Ignoring this precaution may result in injury or property damage.

Use and Maintenance

Warnings

Disconnect the power cord from the wall outlet during an electrical storm.

- Not doing so may result in fire or electric shock.



Do not insert any metal objects, such as a screwdriver, paper clip, or bent wire into the ventilation openings or AV terminals.

- Doing so poses a serious risk of fire or electric shock.



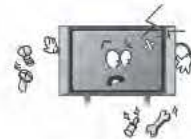
Do not allow children to climb or hang on the unit.

- The unit could topple over onto a child and result in serious injury.



Never disassemble or modify the unit in any way. Do not attempt to service the unit yourself.

- Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.



Cautions

When not using the unit for long periods of time, disconnect the power cord from the wall outlet.

- Dust could accumulate over time on the unit and cause it to generate heat and ignite, or deteriorate insulation, which in turn may result in an electrical fire.



When moving the unit, be sure to turn off the unit and unplug the power cord from the wall outlet.

- Moving the unit with the power cord connected to the outlet may cause damage to the cord, resulting in fire or electric shock.



If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center.

- Failure to do so may result in fire or electric shock.



⚠ Warnings

When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.

- If a child has swallowed a battery, seek medical attention immediately.



Always use two or more people to lift or move the unit.

- If the unit is dropped, it could be damaged or otherwise cause injury.



Wipe off any moisture, dirt, or dust on the power plug pins with a clean dry cloth.

- Failure to do so may result in fire or electric shock.



It is advisable to clean the interior of the unit at least once a year. Contact the store of purchase or service center for information.

- Continuing to use the unit without cleaning off the dust build-up inside it may result in fire or electric shock.



Always turn off the unit and unplug the power cord when cleaning the unit. Use a soft dry cloth to clean the unit.

- Never clean with industrial strength polish, wax, benzene, paint thinner, air freshener, lubricant, detergent, or other such chemicals. Also, do not clean with a damp cloth.





Important Safety Instructions

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment.

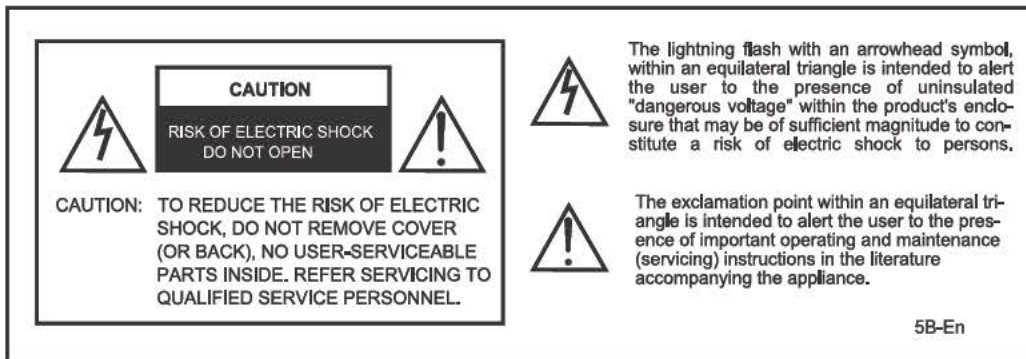
Before operating this equipment, please read this manual completely, and keep it nearby for future reference.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with a dry cloth.
- 7) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use the attachments/accessories specified by the manufacturer.
- 12) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



Important Safety Instructions

- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
 - 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus



Apparatus with Class I construction shall be connected to a Mains socket outlet with a protective earthing connection.

WARNING

TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Caution :

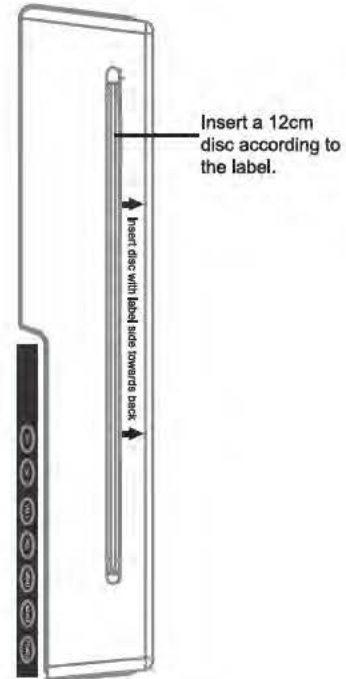
- These servicing instructions are for use by qualified service personnel only.
To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Names of each part

Front View



Led Indicator
Remote control window
(keep clear)



- CH+/-:** Scan through channels.
- VOL+/-:** Adjust the volume.
- MENU:** Display/exit the OSD menu.
- SOURCE:** Display the input source menu.
- POWER:** Turn on/standby the TV set.

Accessories

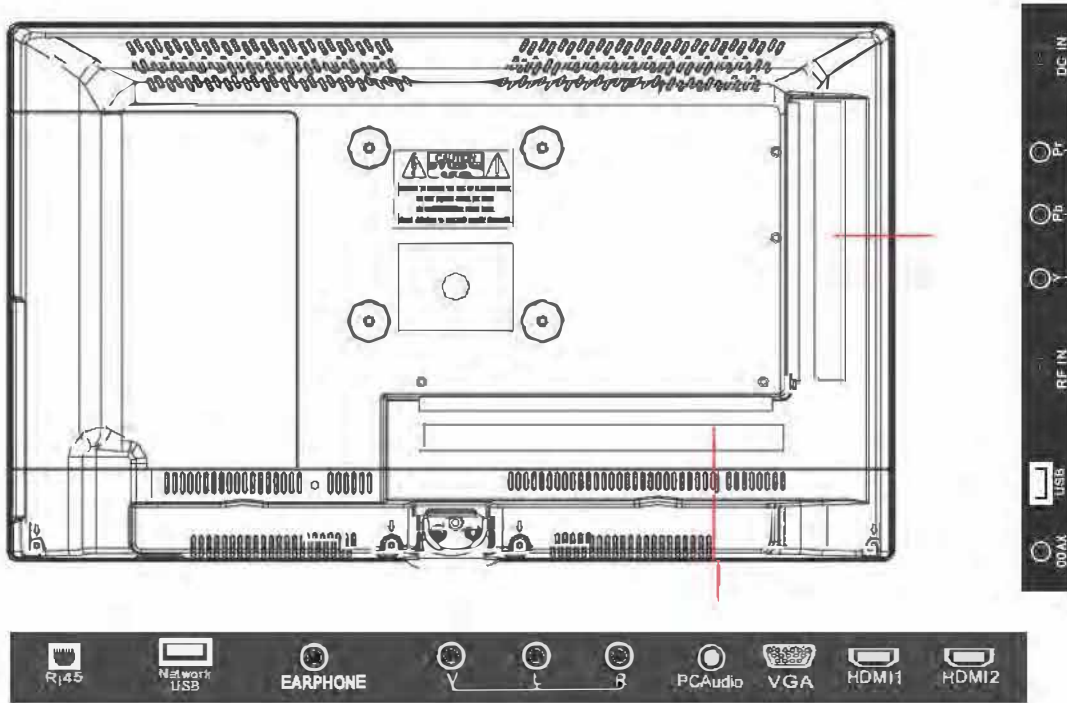
- The configuration of the components may look different from the following illustration.



Remote Control

Names of each part

Back View



Position of input / output connections for guidance only. Models may vary.

Remote Control

● Functions of remote control buttons

The remote control is using Infra-Red (IR). Point it towards the front of the TV. The remote control may not work correctly if it is operated out of range or out of angle.



POWER: Turn the TV On/Standby

MUTE: Press to mute the sound, press again or press VOL+ to unmute.

NUMBER BUTTONS: Press 0-9 to select a TV channel directly when you are watching TV.

FREEZE: Freeze TV channels, press again to unfreeze

↺ : Return to the previous channel viewed.

EPG: To show the Electronic Program Guide during no-menu state (This function is only available in DTV mode.)

INFO: Press to display the current mode's information.

REC: Press to start recording in DTV mode.

PICTURE: Select the picture mode.

INPUT: Press to display the input source menu.

MENU: System setup menu.

CURSOR KEYS (^/v/</>/OK): Allows you to navigate the on-screen menus and adjust the system settings to your preference.

SLEEP: Standby timer.

EXIT: Exit the OSD menu.

▲ : Load/eject DVD disc.

D.SUB: Turn on/off the subtitle display in DVD mode.

VOL+ /- : Adjust the volume.

CH /: Scan through channels.

TEXT: Turn off/on the Teletext display.

Remote Control



HOME : Press this button to enter the home page interface in the android channels

INFO : Click this button, suspend the DVD or android, press start again

▶▶ : Play/Pause program.

◀◀ : Previous chapter.

▶▶ : Next chapter.

■ : Stop program.

◀◀ : Fast reverse.

▶▶ : Fast forward.

HOLD: Hold or carry on the current subpage

SIZE: Press to see top half of page double size, Press again to see the bottom half of page double size. Press again for normal size.

INDEX: Go to index.

— **TV/RADIO**: To switches to TV or Radio state in DTV mode.

FAV: Display the favourite program list.

AUDIO: Audio Channel

Basic Operation

Power on/off

1. Connect to the power supply with the power adaptor.
 2. -To turn on the TV
Press **POWER** button on the TV or remote control.
-To turn off theTV
Press **POWER** button on the TV or remote control.
-

Input Source select

Press **INPUT** button on the TV set or remote control to display input source menu, and use **CH+/-** button on the TV set or **^/∨** button on remote control to select the input source, press **OK** button on the remote control to enter.



Note: Before you select the input source, make sure the connections are prepared and the source unit is turned on

OSD Menu

1. PICTURE menu



Description

Picture Mode: Choose from Dynamic, Standard, Mild and User

Note: Contrast, Brightness, Colour Tint and sharpness are only available and can be adjusted in the Personal mode option in the Picture Mode Settings.

Contrast: Controls the difference between the brightest and darkest regions of the picture.

Brightness: Controls the overall brightness of the picture.

Colour: Control the colour.

Sharpness: Increase this setting to see crisp edges in the picture; decrease it for soft edges.

Tint: Controls the tint (NTSC mode only).

Colour Temperature: Choose from Standard, Cool, User and Warm.

Noise Reduction: Choose interference noise modes form Off, Low, Middle and High

OSD Menu

2. SOUND menu



Description

Sound Mode: Allows you to select among: Standard, Movie, Music, Speech and User

Bass: Can be adjusted when the sound mode is set to Personal : Controls the relative intensity of lower pitched sounds.

Treble: Can be adjusted when the sound mode is Personal : Controls the relative intensity of higher pitched sounds.

Balance: To adjust the balance of the left and right sound track, or turn off the volume of the left and right sound track.

Surround: Turn on off the Surround function

AVL: Turn on off the AVL function

SPDIF MODE: Select the SPDIF mode.

OSD Menu

3. CHANNEL menu

(1) Channel User Interface

Press "Menu" → "Down (▼)" → "Down (▼)" → "Right (▶)" to enter channel operation user interface in ATV/DTV/Radio Source as follows:



Select AIR for aerial connection

(2) Channel Manager

Press "ENTER" or "RIGHT" key on "Channel management" of "Channel" page in ATV or DTV source. The operation interface shows as follow:



OSD Menu

(3) Delet/Skip/Lock Channel

1) Press "UP (▲)" and "DOWN (▼)" key to select the programs to be deleted and press "RED", "GREEN" or "YELLOW" key to mark them as following:

2) After marking press "MENU" key to save the result.

(4) Swap Channel

Select the program to be swapped and press "BLUE" key, the selected program will wink and then select another program and press "BLUE" key to swap them.

(5) Favorite Management

1) Press "ENTER" or "RIGHT" key on "Favorite management" of "Channel" page in ATV or DTV source. The operation interface shows as follow:



2) Press "UP (▲)" and "DOWN (▼)" key to select the programs to be added into favorite list and press "RED", "GREEN", "YELLOW" or "BLUE" key to mark them as following:

OSD Menu



3) Press “MENU”key to return “Favorite management” page and save the result.

(6) Country

Please select correct / applicable country location only.

(7) Auto Search

Select “Auto Search” item to enter auto search user operation interface as following:



All Mode: Both Digital and Analog Mode

Digital Mode: only scanned Digital Signal .

Analog Mode: only scanned Analogl Signal .

(8) Digital Manual Search

Allow to adjust the digital signal frequency

(9) Analog Manual Search

Allow to adjust the digital signal frequency

OSD Menu

4. FEATURE menu

Lock: Turn on / off the Lock System Function.

Noted : you should enter the code to operate the menu (Code is 0000)

Language: choose OSD Language

Clock: Display the time

Sleep Timer: Allows setup the sleep timer from 10/20/30/60/90/120/180/240 and off.

Auto Power Off: Allows setup the Auto Power Off 1/2/4 hours and offing.

Hearing Impaired: Turn on/off the Hearing Impaired function.

CI Info: Not Available for all Terrestrial TV

PVR/Time shift: PVR/Time shift control setting



OSD Menu

5. SETUP menu

OSD Timer: Allows selecting the time for OSD menu display on the screen

PC Setup: It is only available in PC source.

Blue Screen: Turn on/off the Blue screen when no signal

Home Mode: Allows to select among Dynamic, standard and mild.

Reset TV Setting: Reset System Setting and Database

Software Upgrade: Allows installer latest software by using USB dish.



Multimedia Operation

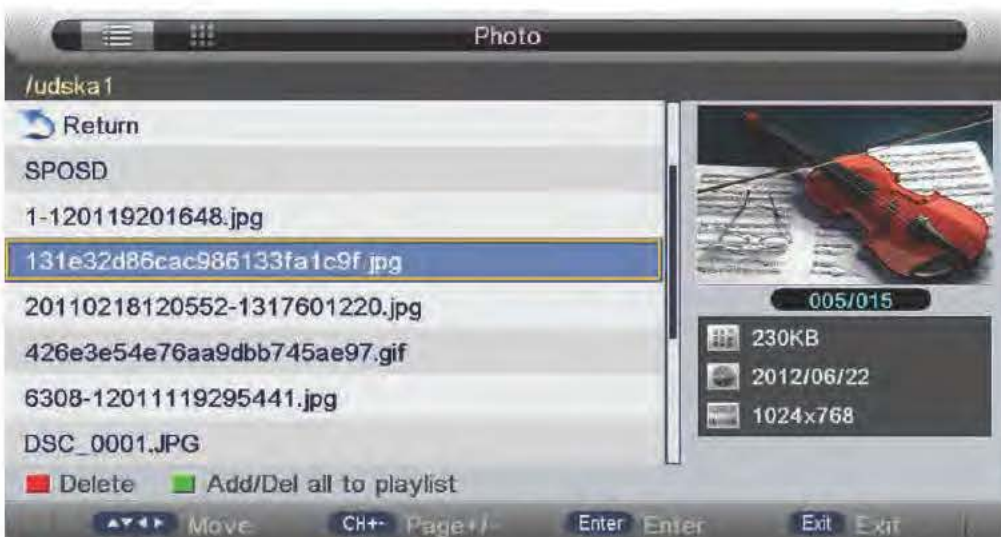
1. Photo

1.1 Format Supported

| Type | Container | Max Resolution |
|-------|------------------|----------------|
| PHOTO | JPEG | 165370 |
| | Progressive JPEG | 61648 |
| | BMP | 101439 |
| | PNG | 101439 |
| | GIF | |
| | TIFF | |

1.2 Function Introduction

Highlight the "PHOTO" item in multimedia mainmenu by press "RIGHT" / "LEFT" key, then press "ENTER" key enter photo page, as follow:



Key Operation

- 1) RED: Delete the focused folder/file.
- 2) GREEN: Add/Del all photo files to play list.
- 3) ENTER: Add/Del highlight files to play list.
- 4) CH+/-: Page up/Page down.
- 5) PLAY: Play the files in play list.










Multimedia Operation

1.2.1 Playback

Press "PLAY" key to start playback.



Key Operation

- 1) : Same as "PLAY" key on remote, to start playing pictures in slide show mode
- 2) : Same as "PAUSE" key on remote, to pause the playing file
- 3) : Same as "STOP" key on remote, to stop sliding show, and return to the file browser
- 4) : Same as "|<<" / ">>|" key on remote, to play the previous or next file directly
- 5) : To rotate the playing picture(0 °、 90 °、 180 °、 270°).
- 6) : To zoom the playing picture.
- 7) : Same as "INFO" key on remote, to display the information of the current file.
- 8) : To enter "Photo Setup" menu, including "Repeat Mode", "Background Music", "Music Source", "Slide Time", "Effect".
- 9) : To enter the play list menu.

Multimedia Operation

1.2.2 Thumbnails

- 1). Thumbnails mode can be shown only in photo mode and highlight in file browser by press "EXIT" → "Right (▶)" as follow:



- 2). The direction keys are to move highlight in files.
 3). Press "EXIT" key ,and press "LEFT" key, exchange to photo list mode.

2. Music

2.1 Format Supported

| | | |
|-------|------------|---------------------------------------|
| MUSIC | WAVE | LPCM ADPCM |
| | WMA | WMA STD WMA Prof |
| | AAC | AAC-LC / HE-AAC |
| | AC3 | AC3 E-AC3 |
| | MPEG | MP1 MP2 MP3 AAC-LC HE-AAC |
| | Read Audio | AAC / HE AAC Cook |
| | Ogg | Vorbis |
| | FLAC | FLAC |
| | DTS | DTS |

Multimedia Operation

2.2 Function Introduction

Highlight the "MUSIC" item in multimedia mainmenu by press "RIGHT" / "LEFT" key, then press "ENTER" key enter music page, as follow:



Key Operation

- 1) RED: Delete the focused folder/file.
- 2) GREEN: Add/Del all photo files to play list.
- 3) ENTER: Add/Del highlight files to play list.
- 4) CH+/-: Page up/Page down.
- 5) PLAY: Play the files in play list.











Multimedia Operation

2.2.1 Playback

Press "PLAY" key to start playback.



Key Operation

- 1) : Same as "PLAY" key on remote, to start playing file, or resume the paused file.
- 2) : Same as "PAUSE" key on remote, to pause the playing file
- 3) : Same as "STOP" key on remote, to stop the playing file.
- 4)  : Same as "<<" / ">>" key on remote, to play fast backward or forward. The speed can switch to twice, four times, eight times and sixteen times, and displayed with "X2、X4、X8、X16" on screen
- 5)  : Same as "|<<" / ">>|" key on remote, to play the previous or next file directly.
- 6) : To switch the repeat mode, including "Repeat 1", "Repeat All", "Repeat Dir" and "Random" modes.
- 7) : To switch the window between "Information" and "Play List".
- 8) : Same as "BLUE" key on remote, to close the panel only in "MUSIC" mode, and then it can be opened by every key on remote.

Multimedia Operation

3. Movie

3.1 Format Supported

| Type | Container | Video Decoder | Max Resolution |
|-------|----------------|---|-------------------------------------|
| MOVIE | AVI | MPEG-4 ASP H.264 DivX Xvid WMV 9 / VC - 1 | 1920 x 1080 |
| | | MPEG-4 SP | CIF (352 x 288) QCIF (176 x 144) |
| | | MJPEG | 1280 x 720 |
| | MPEG 1/2 | MPEG-1 Video MPEG-2 Video | 1920 x 1080 |
| | MPEG4 | MPEG-2 Video MPEG-4 ASP H.264 Xvid MJPEG H.264 | 1920 x 1080 |
| | WMV | WMV 9 / VC-1 | 1920 x 1080 |
| | RealMedia | RV30 / RV40 | 1920 x 1080 |
| | Flash | Sorenson H.263 H.264 | 1920 x 1080 |
| | QuickTime | MPEG-4 ASP H.264 MJPEG | 1920 x 1080 |
| | ASF | WMV3 / WVC1 MP4S / M4S2 | |
| | Matroska Video | MPEG-2 Video MPEG-4 ASP H.264 Xvid DivX DivX Plus HD RV30 / RV40 WMV9 / VC-1 | 1920 x 1080 |

Multimedia Operation

3.2 Function Introduction

Highlight the "MOVIE" item in multimedia mainmenu by press "RIGHT" / "LEFT" key, then press "ENTER" key enter movie page, as follow:



Key Operation

- 1) RED: Delete the focused folder/file.
- 2) GREEN: Add/Del all photo files to play list.
- 3) ENTER: Add/Del highlight files to play list.
- 4) CH+/-: Page up/Page down.
- 5) PLAY: Play the files in play list.

3.2.1 Playback

Press "PLAY" key to start playback.



Multimedia Operation

Key Operation

- 1) : Same as "PLAY" key on remote, to start playing file, or resume the paused file.
- 2) : Same as "PAUSE" key on remote, to pause the playing file
- 3) : Same as "STOP" key on remote, to stop the playing file, and return to the file browser interface.
- 4) : Same as "<<" / ">>" key on remote, to play fast backward or forward. The speed can switch to twice, four times, eight times and sixteen times, and displayed with "X2、 X4、 X8、 X16" on screen
- 5) : Same as "|<<" / ">>|" key on remote, to play the previous or next file directly.
- 6) : To enter slow mode. The speed can switch to 1/2, 1/4, 1/8, 1/16, and displayed with "X1/2, X1/4, X1/8 X1/16" on screen.
- 7) : To enter step mode.
- 8) : To set AB repeat, the first press sets A point, and the second press sets B point, and then play between A and B repeatedly.
- 9) : To enter the play list menu.
- 10) : Same as "INFO" key on remote, to display the information of the current file.
- 11) : To enter "Movie Setup" menu, including "Program", "Subtitle", "Audio", "Repeat Mode".
- 12) : To enter "GO TO" function, user can input the time he want to start directly.

4. eBook

4.1 Format Supported

Only txt format eBook is supported.

Multimedia Operation

4.2 Function Introduction

Highlight the "eBook" item in multimedia mainmenu by press "RIGHT" / "LEFT" key, then press "ENTER" key enter eBook page, as follow:



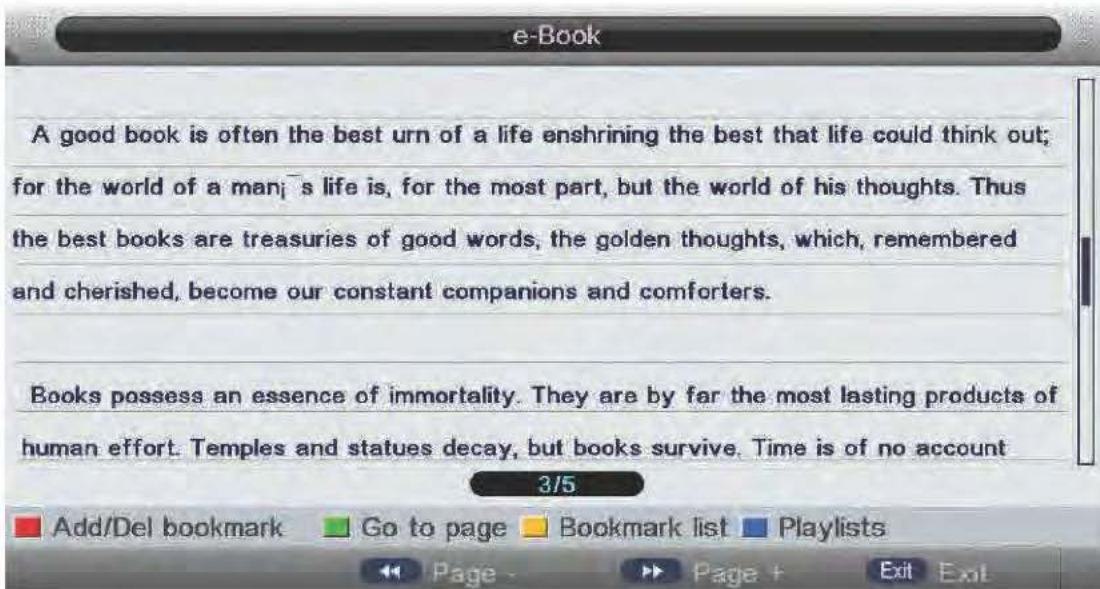
Key Operation

- 1) RED: Delete the focused folder/file.
- 2) GREEN: Add/Del all photo files to play list.
- 3) ENTER: Add/Del highlight files to play list.
- 4) CH+/-: Page up/Page down.
- 5) PLAY: Play the files in play list.

Multimedia Operation

4.2.1 Playback

Press "PLAY" key to start playback



Key Operation

- "RED" To add/del bookmark.
- "GREEN" To input the page number directly.
- "YELLOW" To enter the "Bookmark list" page.
- "BLUE" To enter the "Play list" page.
- "<<" / ">>" To page down/page up.
- "EXIT" To close the file and return to the file browser.

DVD Operation

1. DVD Operation

To select DVD press the SOURCE button and using the ▲/▼ buttons select DVD and press OK.

Insert a DVD disc with the label FACING FORWARD. Inserting a disc incorrectly may cause damage to the Laser Optic. Do NOT place any damaged, dirty or disc not 12 cm in diameter into the loader. Note DVD will NOT load if DVD is not selected through SOURCE menu.

The mechanism will draw the disc in automatically.

In most cases the DVD Title will be displayed together with a Disc menu. Select the feature required with the cursor buttons and press PLAY/Pause. ▶||

To Pause play, press the Play/Pause button, press again to continue playing.

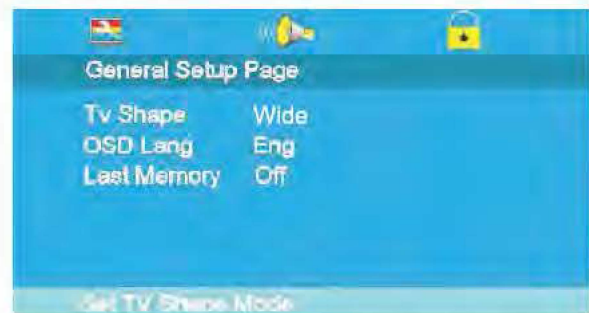
To Stop playing press ■ Press once to pre stop, if the disc is not removed the player will continue from the "stopped" point, when play is pressed. Pressing STOP again will fully stop the player.

2. DVD Setup Menu's

To set the DVD section to your requirements a series of menu's are provided. With no disc in the player, press the DVD SETUP button on the remote control, you will now see menu (Fig 37).

The first item is **General Setup Page**.

Use the ▲/▼ buttons to select the item required and use the ▶ button to select the sub menu. In the sub menu use the ▲/▼ buttons to select the item required and OK to confirm.



TV Shape.

Some DVD discs have been authored in 4:3 aspect ratio format. To see the material in its original mode, you may need to change the Aspect ratio.

Normal/PS (Pan& Scan).

Black edges left and right will be seen.

Normal/LB (Letterbox).

Top and bottom of the screen may be black.

Wide 16:9 (Widescreen).

Full width picture but may have black areas top and bottom.

OSD Language.

Select the OSD Language (English is default).

Last Memory. ON/OFF.

You may wish the player to remember where it finished playing a disc and then remove the disc. When you stop the disc, the player will automatically remember the point it finished playing. When the disc is re inserted the player will continue from the same point.

DVD Operation

2. DVD Setup Menu's

Language Setup. (Fig 39)

OSD Language.

To select the OSD Language press the ► button, this will then show the languages available, use the ▲/▼ buttons to select the required language and press OK.

Audio Language.

To select the Audio Language press the ► button, this will then show the languages available, use the ▲/▼ buttons to select the required language and press OK.

Audio Setup Page. (Fig 38)

Down mix is defaulted to Stereo

Preference page. (Fig 39).

AUDIO. Select Audio using the ▲/▼ buttons. The languages available will be shown in the right column. Select the required language using the ► and /▼ buttons. Default is English. If the disc has that language it will play the soundtrack in that language.

SUBTITLES. Select Subtitle using the ▲/▼ buttons. The languages available will be shown in the right column. Select the required language using the ► and /▼ buttons. Default is English. If the disc has that language it will display the Subtitles in that language

DISC MENU. Select Disc menu using the ▲/▼ buttons. The languages available will be shown in the right column. Select the required language using the ► and /▼ buttons. Default is English. If the disc has that language it will display the menu in that language

PARENTAL. Select Parental using the ▲/▼ buttons. Enter the list using the ► button.

Set the level using the ▲/▼ buttons and press OK. You will be asked for the password (0000). Default is ADULT.

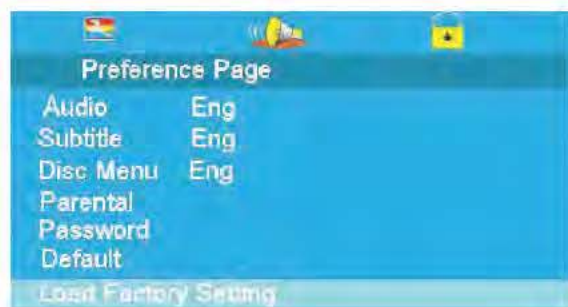
PASSWORD. Select Password using the ▲/▼ buttons. Select Change using the ► button and OK. Put in the old password. You must then put in the new password twice and press OK. Make a note of the new password and keep safe.(Super password 9735)

DEFAULT. Selecting Default will reset to the factory settings all your personal settings in the DVD setup menu.

Fig 38



Fig 39



Disc Care

Disc Care

About Disc Terms

Title

Generally, pictures or music compressed on a DVD are divided into several sections, "title".

Chapter

The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching, but some discs may not have a recording chapter.

Track

A segment of picture or music on a CD, Each track is numbered for searching.

Care of Disc

Video disc contains high-density compressed data that needs proper handling.

1. Hold the disc with fingers by outer edge and/or the center spindle hole. Do not touch the discs surface.
2. Do not bend or press the disc.



3. Do not expose the disc to direct sunlight or heating sources, Store discs in cabinet vertically, and in dry condition.

Prevent exposure to:

Direct sunlight

Heat or exhaust from a heating device

Extreme humidity

Clean the disc surface with a soft, dry cleaning cloth, Wipe the disc surface gently and wipe from the center toward the outer edge.

Do not apply thinner, alcohol, chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.



ANDROID Operation



TO select ANDROID press the SOURCE button and using the ▲/▼ buttons select ANDROID and press OK.

The android main menu interface



Through the up and down or so key selection operation interface, you need click confirm button to enter

ANDROID Operation

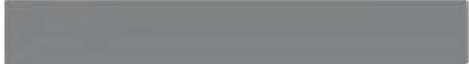
The network system Settings



The home page interface and using the ▲/▼/◀/▶ buttons select Settings and press OK.



In this interface, you can be set up according to his be fond of WIFI, Ethernet, USB, Sound, Display, Apps, and so on.



ANDROID Operation

Apps Center



In the center of the application, you can pass the Gallery, Music, Video read USB storage file. And receive emails, download the application and so on.

Smart Apps



In the center of the intelligent application, you can choose the content, applications and Settings.

Handwritten note: You can also use the external mouse and keyboard to control the device.

NOTE: Some applications may require external mouse or keyboard to be functional. USB ports are available for connection

Trouble shooting

- Do not use other functions that are not mentioned in this user's manual.
- In case a problem occurs with your TV, please take the following steps first.
- If you still have the problem, turn the power off and contact *our service support team*

| Problem | Action |
|---|--|
| The screen does not appear. | Is the power plug pulled out? Insert the power plug. Press the power button of the remote control. For 12V use, check battery charge |
| The screen appears too slowly after the power is turned on. | This problem occurs for a brief time in the process of image elimination processing in order to hide temporary screen noise that occurs when the power is turned on. But if the screen does not come after 1 minute contact <i>our service support team</i> |
| Screen is too bright or too dark. | Perform brightness adjustment or Contrast adjustment. |
| Screen is too large or too small. | Adjust the screen size. |
| Stripes appear on the screen and it shakes. | Stop using wireless telephones, hair driers and electric drills. |
| The screen does not move. | Press the PAUSE button. Check if the Pause button is pressed on external equipment. |
| Screen appears, Voice is not heard | <ol style="list-style-type: none"> 1. Press the "MUTE"button. 2. Increase the sound level by pressing volume adjustment button. 3. Check if sound terminal of external input is connected properly. 4. Check if audio cables are connected properly. 5. Select and check the other input. <p>If the sound still does not work and the other channels are the same after you have done as the above, contact <i>our service support team</i></p> |
| Remote control does not work | <ol style="list-style-type: none"> 1. Check if main power is On. 2. Check that the batteries of the remote controller were loaded properly. 3. Check to see if any obstacle exists between the TV and the remote control , then remove it, if any. 4. If the batteries have no power, replace them with two new batteries. |

- This TV is for household use and registered as harmless on electromagnetic waves.
- Therefore, you can use it in every location as well as residential areas.
- NCE Smart TV is also suitable for RV use under limited circumstances. 12V / 240V power is applicable.

| Model Number | NCE 24" SMTDVD | NCE 28" SMTDVD |
|---|---|---|
| Description | 24" FHD Smart TV DVD Combo | 28" FHD Smart TV DVD Combo |
| TV System Mode | DVB-T/PAL | DVB-T/PAL |
| Feature | | |
| Screen Size (Diagonal) | 23.6" / 60cm | 28" / 70cm |
| Screen Ratio | 16:9 / 4:3 | 16:9 / 4:3 |
| Resolution | 1920*1080 (Full High Definition) | 1920*1080 (Full High Definition) |
| Brightness(app) | 300 | 300 |
| Real Contrast ratio | 1,000:1 | 1,000:1 |
| Response Time(MS) | 5 | 5 |
| Signal Capability | 1080P/1080I/720P/576P | 1080P/1080I/720P/576P |
| Wide Viewing Angle(Horizontal / Vertical , degree) | 178/170 | 178/170 |
| Freeze Picture | Yes | Yes |
| Noise Reduction | Yes | Yes |
| Hotel Lock | Yes | Yes |
| Parental Lock | Yes | Yes |
| Headphone Jack | Yes | Yes |
| Build-in HD Turner | MPEG 2/4 Decoding | MPEG 2/4 Decoding |
| DVD Build-in | Yes | Yes |
| PVR Function(through USB Inputs, USB Sold Separately) | Yes | Yes |
| Sound | | |
| Speaker | 2*5W Speaker Build-in | 2*10W Speaker Build-in |
| Speakers Location | Integrated (bottom) | Integrated (bottom) |
| Input/Output | | |
| USB (incl NetWork USB) | 2 | 2 |
| HDMI | 2 | 2 |
| YPBPR | 1 | 1 |
| VGA(PC input) | 1 | 1 |
| Video | 1 | 1 |
| COAX Output | 1 | 1 |
| Audio Input(RCA) | Yes | Yes |
| Others | | |
| Power Consumption(W) | 36 | 36 |
| Voltage Range(V) | 12V DC / 240V AC | 12V DC / 240V AC |
| Standby Power Consumption | < 1W | < 1W |
| 12V Compatible (Car Apaptor included) | Yes | Yes |
| Wall Mounting Hole Pattern (Horizontal / Vertical ,MM) | 100*100 | 200*100 |
| TV Stand Dimension(L*W*H.MM) | 260*10*140 | 260*10*140 |
| Stand Net Weight(G) | 30 | 30 |
| TV stand Type | Feet | Feet |
| Net Dimension with stand(L*W*H.MM) | 555*140*350 | 645*185*425 |
| Net Dimension without stand(L*W*H.MM) | 555*50*335 | 645*70*390 |
| Packaged Dimension(L*W*H.MM) | 581*89*381 | 645*122*450 |
| Net Weight(KG) | 4 | 5 |
| Gross Weight(KG) | 5 | 7 |
| Signal Support | | |
| USB Format for Movie (max display resolution 720*576) | AVI MP4 DIVX4 DIVX5 XVID | AVI MP4 DIVX4 DIVX5 XVID |
| USB Format for Photo(max display resolution 3000*3000) | BMP JPG | BMP JPG |
| USB Format for Music(Sample Rate:8-48 , Bit Rate : 32-320K) | MP3 WMA | MP3 WMA |
| Computer Supported Resolution | 640 * 480@ 60HZ, 800 * 600 @ 60HZ, 1024 * 768 @ 60HZ, 1280 * 1024@ 60HZ | 640 * 480@ 60HZ, 800 * 600 @ 60HZ, 1024 * 768 @ 60HZ, 1280 * 1024@ 60HZ |
| What is included in the box | | |
| | NCE 24" SMART TV | NCE 28" SMART TV |
| | Remote Control | Remote Control |
| | Power Cable | Power Cable |
| | User Manual / Warranty Card | User Manual / Warranty Card |
| | 12V Car lead | 12V Car lead |



NCE CUSTOMER SUPPORT HOTLINE

1300-088-950

Monday to Friday-AEST 9AM -5PM