

## Catalogue

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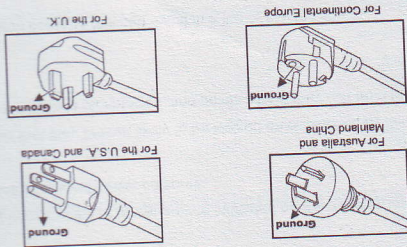
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AC Power Cord must meet the requirement of countries where you use this projector. Please confirm your AC plug type with the graphics below and ensure that the proper AC Power Cord is used.





## Introduction

### Projector Features

The projector offers the following features:

- Single chip LCD technology
- High performance LED lamp (with 50,000 hrs life)
- SVGA (800 x 600 pixels)
- compression compatibility for VGA, SVGA, XGA and SXGA<sup>rs</sup>
- Compatibility with PAL, SECAM
- Input USB/SD/Digital tv/HDMI/AV/TV/VGA/S-VIDEO/SCART/Component/TV(analogue)
- User-friendly, multi-language on-screen display
- Keystone correction
- With USB, SD Slot

### Important safeguards

Please read all these instructions regarding your Led projector and retain them for future reference. Follow all warnings and instructions marked on the Led projector.

#### 1. Read instructions

All the safety and operating instructions should be read before the appliance is operated.

#### 2. Retain instructions

The safety and operating instructions should be retained for future reference.

#### 3. Warnings

All warnings on the appliance and in the operating instructions should be adhered to.

#### 4. Instructions

All operating instructions must be followed.

#### 5. Cleaning

Unplug this projector from the wall outlet before cleaning it. Do not use liquid aerosol cleaners. Use a damp soft cloth for cleaning.

#### 6. Attachments and equipment

Never add any attachments and/or equipment without the approval of the manufacturer as such additions may result in the risk of fire, electric shock or other personal injury.

#### 7. Water and moisture

Do not use this projector near water or in contact with water.

#### 8. Accessories

Do not place this projector on an unstable cart, stand, tripod, bracket or table. Use only with a cart, stand, tripod bracket, or table.

#### 10. Power sources

This projector should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power, please consult your appliance dealer or local power company.

#### 11. Power-cord protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and points where they exit from the appliance. Do not put the power cord under a carpet.

#### 12. Overloading

Do not overload wall outlets and extension cords as this can result in a fire or electric shock.

#### 13. Objects and liquids

Never push objects of any kind through openings of this projector as they may touch dangerous voltage points or short-out parts that could



result in a fire or electric shock. Never spill liquid of any kind on the projector.

#### 14. Servicing

Do not attempt to service this projector yourself. Refer all servicing to qualified service personnel.

#### 15. Damage requiring service

Unplug this projector from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- (a) If the power-supply cord or plug is damaged.
- (b) If liquid has been spilled, or objects have fallen into the projector.
- (c) If the projector does not operate normally after you follow the operating instructions.
- (d) If the projector has been exposed to rain or water.
- (e) If the projector has been dropped or the cabinet has been damaged.
- (f) If the projector exhibits a distinct change in performance - this indicates a need for service.

#### 16. Replacement parts

When replacement parts are required, be sure that the service technician has used replacement parts specified by the manufacturer or parts having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

#### 17. Safety check

Upon completion of any service or repair to this projector, ask the service technician to perform safety checks determining that the projector is in a safe operating condition. An appliance and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the appliance and cart combination to overturn.

#### 18. Ventilation

Slots and openings in the cabinet are provided for ventilation, ensuring reliable operation of the projector and to protect it from overheating. Do not block these openings or allow them to be blocked by placing the projector on a bed, sofa, rug, or bookcase. Ensure that there is adequate ventilation and that the manufacturer's instructions have been adhered to.

### WARNING:

#### Unplug immediately if there is something wrong with your projector.

Do not operate if smoke, strange noise or odor comes out of your projector. It might cause fire or electric shock. In this case, unplug immediately and contact your dealer.

#### Never remove the cabinet.

This projector contains high voltage circuitry. An inadvertent contact may result in an electric shock. Except as specifically explained in the Owner's Guide, do not attempt to service this product yourself. Please contact your dealer when you want to fix, adjust or inspect the projector.

#### Do not modify this equipment.

It can lead to fire or electric shock.

#### If you break or drop the cabinet.

Do not keep using this equipment if you break or drop it. Unplug the projector and contact your dealer for inspection. It may lead to fire if you keep using the equipment.

#### Do not face the projector lens to the sun.

It can lead to fire.

#### Use correct voltage.

If you use incorrect voltage, it can lead to fire.

#### Do not place the projector on uneven surface.

Place the projection on a leveled and stable surface only. Please do not place equipment on unstable surfaces. Do not look into the lens when it is operating. It may hurt your eyes. Never let children look into the lens when it is on.

Do not turn off the main power abruptly or unplug the projector during operation.



It can lead to lamp breakage, fire, electric shock or other trouble. It is best to wait for the fan to turn off before turning main power off.

**Do not touch Air outlet grille and Bottom plate which becomes hot.**  
Do not touch them or put other equipment in front of Air outlet grille. The heated Air outlet grille and Bottom plate may cause injury or damage to other equipment. Also, do not set the projector on the desk which is easily affected by heat.

**Clean the air-filter once a month.**  
Clean the air-filter frequently. If the filter or ventilation slots become clogged with dirt or dust, the temperature inside of the projector may rise and cause some troubles, such as damage of inside parts, and shortening the life of panel.

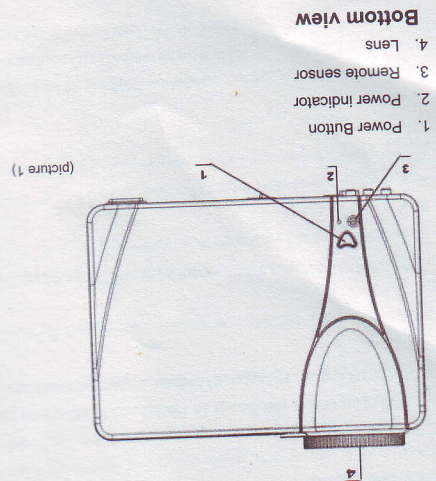
**Do not look into the air outlet grille when projector is operating.**  
Heat, dust etc. may blow out of it and hurt your eyes.

#### Place of installation

- For safety's sake, refrain from setting the projector at any place subjected to high temperature and high humidity. Please maintain an operating temperature, humidity, and altitude as specified below.
- Operating temperature: between +41 F (+5 C) and +95 F (+35 C)
  - Operating humidity: between 30 and 90%
  - Never put any heat-producing device under the projector so that the projector does not overheat.
  - Do not attach the projector to a place that is unstable or subject to vibration.
  - Do not install the projector near any equipment that produces a strong magnetic field. Also refrain from installing near the projector any cable carrying a large current.
  - Place the projector on a solid, vibration free surface; otherwise it may fall, causing serious injury to a child or adult, and serious damage to the product.
  - Do not stand the projector: it may fall, causing serious injury and damage to the projector.
  - Slanting the projector more than 10° (right and left) or 15° (front and rear) may cause trouble or explosion of the lamp.
  - Do not place the projector near air-conditioning unit or heater to avoid hot air to the exhaust and ventilation hole of the projector.

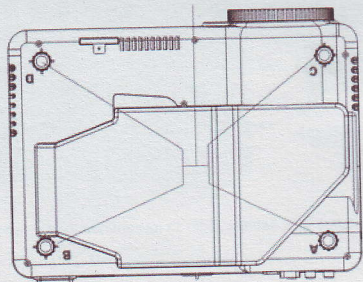
### Projector Overview

Top view



Bottom view

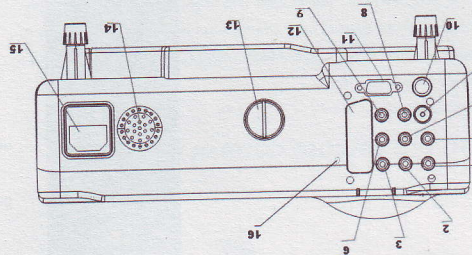




(picture 2)

Hoisting Screw rod (1: Tell you how to hang the projector to ceiling; fix the 4 feet of mount to the projector 4 feet (A,B,C,D) hole, 2: The height of C and D free can be adjusted)

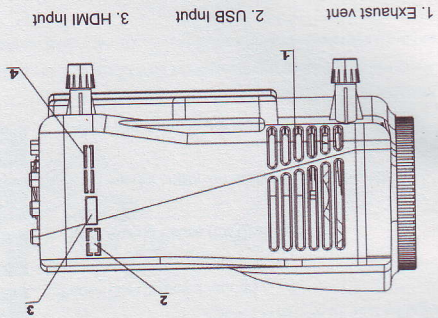
### Back View



(Picture 3)

1. Right audio input (Red)
2. Left audio input (White)
3. AV input (Yellow)
4. Pr (Red)
5. Pb (Blue)
6. Y (Green)
7. TV/DTV
8. Right audio output (Red)
9. Left audio output (White)
10. S-video input
11. VGA input
12. Scart input
13. Keystone correction knob
14. Speaker vent
15. Power Switch
16. Remote Sensor

### Rear View



1. Exhaust vent
2. USB Input
3. HDMI Input
4. Card reader Input



## Remote Control

(Warning Do not expose the remote control to shocks, liquid or high humidity. Do not expose it to direct sunlight or other intense light source when you operate.)



ON/OFF



Volume ON/OFF

Sleep: Sleep

Smode: Sound Mode

MIX: Picture and text mix mode

HOLD: Pause

0-9: Channel selection from 0-9



Channel selection button



Press this button to return to the previously Viewed program.



Volume adjusting button: it can also adjust the chosen function in OSD

SYSTEM/DTV MENU: System switch/ DVB-T menu

Display: Display mode

CH+/-: Channel browse key; select functions in OSD

UP/DOWN / LEFT / RIGHT: direction key & selection

FAV: Favourite channel

AV/TV: TV signal and AV etc. signal switching button

H.Flip: Horizontal rotation

V.Flip: Vertical rotation

SUBT: Subtitles language selection

P.Hold: Picture freeze

PICTURE: From text to picture mode

Return: (1).return to previously menu

(2). programs replaying under mode of full screen

16:9/4:3: 16:9 or 4:3 aspect ratio switch

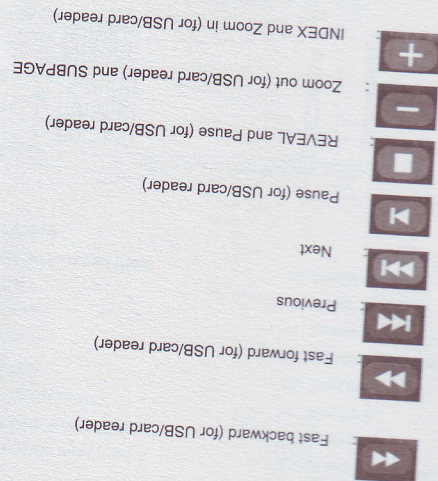
AUDIO: Sound (mono and NICAM) selection,DTV audio language

mode

TEXT: From picture to Text mode

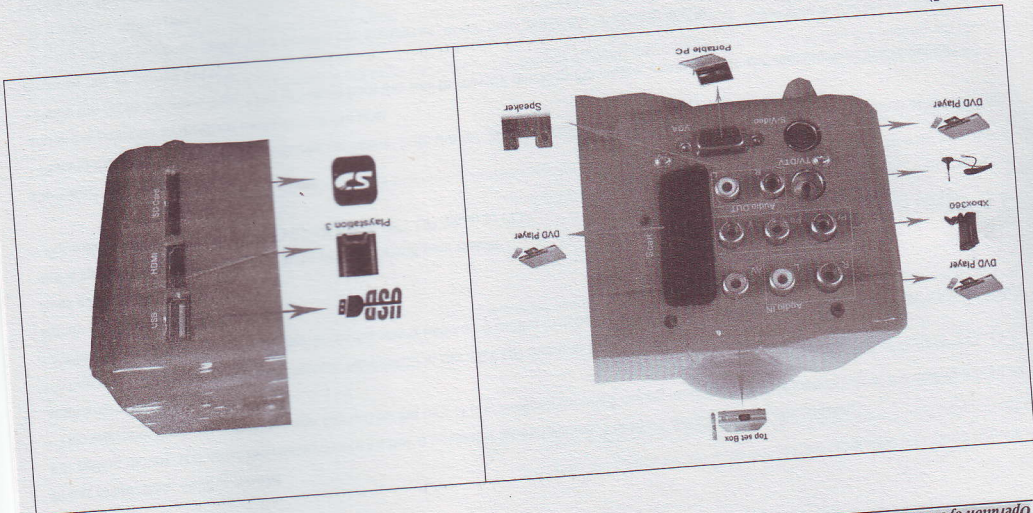
EPG: DTV navigation bar

## Signal connection diagram



(Warning Do not expose the remote control to shocks, liquid or high humidity. Do not expose it to direct sunlight or other intense light source when you operate.)





(Picture 5)

## Using the remote control

### Battery installation

Use two AA size batteries.

1. Remove the back cover of the remote control by pushing the battery compartment door in the direction of the arrow.

2. Load the batteries making sure that they are positioned correctly (+ to +, and - to -).

3. Replace the back cover.

### Important:

- Do not combine a new battery with an old one.

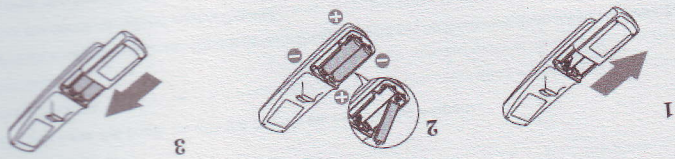
- Load batteries in the correct position.

- Do not heat, take apart, or throw batteries into fire.

- Do not try to recharge batteries. Do not use rechargeable batteries.

- If the solution of batteries comes in contact with your skin or clothes, rinse with water. If the solution comes in contact with your eyes, rinse them with water and then consult your doctor.

**Operation area**  
The range for operation is about 10 m (33 feet) when the remote control points to the projector. The distance to the screen back to the projector must be less than 5 m (18 feet).



**Important:**  
Avoid the direct sunlight or fluorescent light to the remote control sensor. Also keep the distance of more than 2 m between the remote control sensor and fluorescent lamp on the remote control may not work correctly.



#### Front projection, ceiling mount

For ceiling mount, you need the ceiling mount kit. Ask a specialist for installation. For more details, consult your dealer.

- This warranty does not cover damage caused by the use of any unrecommended ceiling mount kit and the installation of the ceiling mount at an improper location.
- When using the ceiling mount, set IMAGE REVERSE in the SET UP menu to FLIP.
- Projected images may appear darker when the unit is used as a ceiling installation than when it is used in the tabletop position. This does not signify a product malfunction.

#### Rear projection

- Ask a specialist for installation. For more details, consult your dealer.
- For rear projection, set IMAGE REVERSE in the SET UP menu to FLIP.

#### Caution:

- Placing the projector on a carpet reduces ventilation from the fan at the bottom and might cause problems. Place a hard board or similar material under the projector to facilitate ventilation of the unit.
- Place the projector more than 1.6m (63 inch) from the wall to prevent blocking the intake, exhaust slots and ventilation of this projector because hot air comes out of it.
- Do not use the projector under the following circumstances, which may cause fire or electric shock.

- in a dusty or humid place
- while the projector is lying sideways or upside down
- near a heater
- in a kitchen or oily, smoky or damp place
- in direct sunlight
- with high temperature, such as the closed car
- where the temperature is lower than +41 F (+5 C) or higher than +95 F (+35 C)

#### Important:

- Do not put stress on the lens, as this may cause damage.

### Preparing the projector for operation

#### Getting ready for projection

1. Connect the power cord provided to the projector.
2. Connect the power cord to the wall power outlet.
3. Remove the lens cap.

#### Warning:

- Do not look directly into the lens when projector is "ON".
- The lens cap is for protecting the lens. If you leave the power on with the cap on, the cap may be warped.
- Please remove the lens cap when you turn the power on.
- Use the appropriate power cord for your country.
- A three-pin grounding type power plug is used with the projector. Do not remove the grounding pin on the power plug. If you are unable to insert the plug into the outlet, contact your electrician to replace your A/C outlet.
- Do not place any objects on the power cord, and keep the projector away from heat sources to avoid breaking the power cord. A broken power cord can cause fire or electric shock.
- Do not revise or alter the power cord otherwise it may cause fire or electric shock. Contact your dealer if the cord is broken.

#### Caution:



- Plug in firmly and unplug by holding the plug, not by pulling the cable out.
- Do not plug in or out with wet hands. It may cause an electric shock.

## To operate projector power ON

1. Plug in the power cord, the POWER indicator lights up green.
2. Turn the projector on by pressing the POWER button. The power lamp will be red.

## To operate projector power off

- Press the POWER button. The message "POWER DOWN? YES or NO"
- To exit from this mode, choose NO (Some buttons on the remote control do not work for exit from this mode.)
- Press the POWER button again. The light source lamp will be turned off.

### • Keystone correction

When the projector is turned on, the projected images become brighter gradually. Owing to the different angle of the positions of the projector, image keystone distortion may occur. In case of keystone distortion, the image can be projected regularly by adjusting the keystone correction knob. (±15 degree adjusting angle) (Note: When turning the keystone correction knob, please turn it gently, and never use too much effort, or else unwanted damage should occur.)

### • Focusing

The focus length will change with the change of the distance between the projector and the screen, so that the image will blur. Now you can turn the lens gently with your hand, to correct the focal length so as to obtain distinct images.

### • screen mode

When playing DVD discs containing data of letterboxed image, press the 16:9 button. Exit the Widescreen mode, by pressing the 16:9 button again.

### Caution:

- When you have finished using this equipment, unplug the power cable from the wall outlet, for safety purposes.

## Adjusting Projection Image Size

Refer to the graphic and table below to determine the screen size and projection distance.

| Projection distance | Aspect ratio | Image size (inch) |
|---------------------|--------------|-------------------|
| 1.6m                | 4:3          | 39"               |
|                     | 16:9         | 35.5"             |
| 2m                  | 4:3          | 50"               |
|                     | 16:9         | 46"               |
| 2.5m                | 4:3          | 63"               |
|                     | 16:9         | 58"               |
| 3m                  | 4:3          | 77"               |
|                     | 16:9         | 70"               |
| 3.5m                | 4:3          | 92"               |
|                     | 16:9         | 83"               |
| 4m                  | 4:3          | 105"              |
|                     | 16:9         | 96"               |
| 5m                  | 4:3          | 130"              |
|                     | 16:9         | 119"              |
| 5.5m                | 4:3          | 148"              |
|                     | 16:9         | 136"              |

### Note:

Position the projector in a horizontal position; other positions can cause heat build-up and damage to the projector.  
 Keep a space of 30 cm or more between the sides of the projector.  
 Do not use the projector in a smoky environment. Smoke residue may buildup on critical parts and damage the projector or its performance.  
 Consult with your dealer for special installation such as suspending from a ceiling.

## System function operation

### How to operate



1. Press the "System/DTV menu" button to open the OSD menu.
2. When OSD is displayed, use "▲"/"▼" key to select any feature in the main menu.
3. After selecting the desired main menu item, press "▲"/"▼" key to enter sub-menu for feature setting.
4. Use "▲"/"▼" to select the desired item and adjust the settings with "▲"/"▼".
5. Press the "System/DTV menu" button, the screen will return to the main menu.
6. To exit OSD, Press the "System/DTV menu" button again. The OSD menu will close and the projector will automatically save the new settings.

#### Menu and Operations

Press "System/DTV menu" key on the remote to enter OSD menu. The OSD menu has 8 sub-menus

1. Input (select input source)
2. Picture
3. Sound
4. Time
5. Setup
6. Lock
7. Channel(TV)
8. USB/card reader

Pressing TV/AV key on the remote to Enter INPUT source, you can select DTV, TV, SCART, YPBPR (HD), PC-RGB, HDMI, AV, S-VIDEO, Storage(USB) and CardRead by pressing "▲"/"▼" key. enter the input source by pressing "▲"/"▼" key.

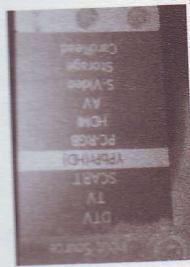
The selected item will change to highlight colour.

"▲"/"▼" key: to move the cursor left or right to select sub-menu

"▲"/"▼" key: enter sub-menu

"SYSTEM/DTV menu" on remote: exit from main menu

#### Input source

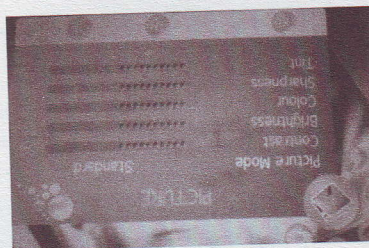


(picture 6)



## Main Menu

### Operations for Picture sub Menu



(Picture 7)

There are 6 sub-menu:

Can adjust picture mode, brightness, contrast, hue, saturation, sharpness and color tone. As below:  
Press "▲"/"▼" to move cursor. Press "◀"/"▶" to select item. Press "MENU" to return or exit menu.

#### 1. PICTURE MODE:

There are 4 picture modes: STANDARD/DYNAMIC/SOFT/PERSONAL.

STANDARD: middle brightness and contrast;

DYNAMIC: high brightness and contrast;

SOFT: low brightness and contrast;

PERSONAL: user define the brightness and contrast.

Note: when user adjust brightness/contrast/hue/saturation/sharpness value, the picture mode will auto change to PERSONAL mode.

#### 2. CONTRAST: Press "▲"/"▼" to decrease value, Press "▶"/"◀" to increase value. Press "MENU" to return or exit menu.

#### 3. BRIGHTNESS: Press "▲"/"▼" to decrease value, Press "▶"/"◀" to increase value. Press "MENU" to return or exit menu.

#### 4. COLOUR:

1. Colour Temp: included normal/warm/cool/personal;

NORMAL: middle color tone;

WARM: high color tone, image show red;

COOL: low color tone, image show blue;

2. Red setting;

3. Green Setting;

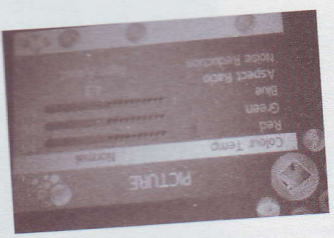
4. Blue Setting;

5. Aspect Ratio: 4:3 display mode, 16:9 display mode;

6. Noise Reduction: high, middle, low Auto



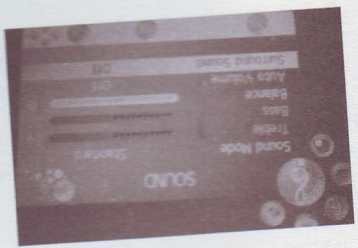
5. **SHARPNESS** : Press "▲" to decrease value, Press "▶" to increase value. Press "MENU" to return or exit menu. Enter Picture menu, you can select Picture Mode, Contrast, Brightness, Color, Sharpness, and Tint Setting item by pressing "▲"/"▼" key, You can adjust the item selected by pressing "▶"/"◀" key.



(Picture 8)

**Operations for Sound sub menu**

Enter the sound menu you can just Sound Mode, Treble, Bass, Balance, Auto Volume, Surround Sound item by pressing "▲"/"▼" key.



(Picture 9)

**Sound Menu**

1. Sound mode: can support STANDARD/MUSIC/MOVIE/PERSONAL/SPORTS

Standard: suit for TV program;  
Music: suit for listening music;  
Movie: suit for  
Personal: user define to bass and treble.  
Sports: suit for sports program music, movie, personal, sports.

2. Treble;  
3. Bass;  
4. Balance;  
5. Auto Volume;  
6. Surround Sound;

**Time menu**

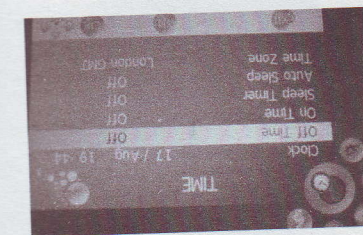


#### Time Menu

1. Clock(System clock);
2. Off time ( Can be auto off at a fixed time ) ;
3. On time ( Can be auto on at a fixed time ) ;
4. Sleep timer;
5. Auto sleep;
6. Time zone

#### Setup menu

Enter this menu, you can select Language, Audio Languages, Subtitle language, Hearing Impaired, Flip, Country item by pressing "▲"/"▼" key.

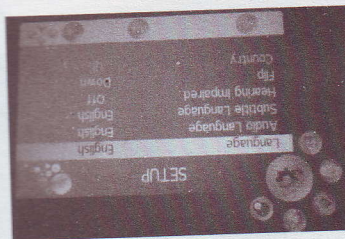


(Picture 10)

#### System Setup

1. System language setting;
2. Audio Language ;
3. Subtitle Language;
4. Hearing Impaired;
5. Flip function;(Image flip:up/down/right/left)
6. Country selection; (only change when auto TV channel searching)

#### Lock menu



(Picture 11)

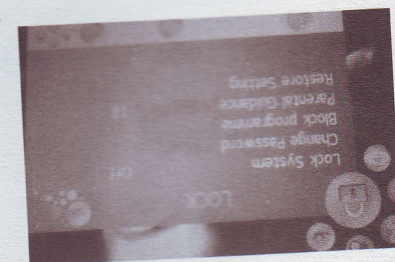


#### System Lock menu

1. Lock system;
2. Change password;
3. Block Programme;
4. Parental Guidance (Can set the permission for watching under 18 years old)
5. Restore setting;

Enter this menu, You need to enter a password and then enter the Sub-menu.  
Here the default password for the general: "0000".

For example:



(Picture 12)

- 1 Lock System: You need to set "off" to "on"  
You can set ON or OFF;
- 2 Change Password



(Picture 13)

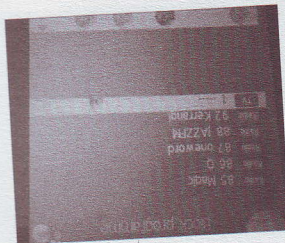


(Picture 14)

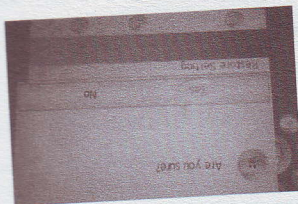
- 3 Block programme



4. Parental Guidance
5. Restore Setting

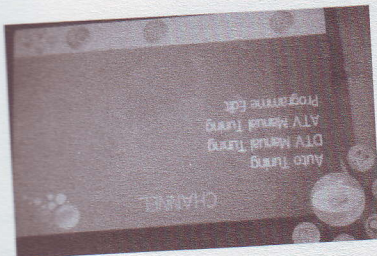


(Picture 15)



(Picture 16)

#### Channel (TV) menu



(Picture 17)

#### Operate Analog TV

1. Connect the TV cable,
2. Press "AV/TV" to TV, then press "OK"

3. Then press "System/DTV menu" key on the remote "to "Channel",
4. Choose the subtitle "Auto search" to the next subtitle, choose country, then press "yes".

#### Operate DTV

1. Connect DVB-T cable, Select "DTV" input source by press "TV/AV" on remote to enter DTV
2. Press "System" on remote to enter "Channel" menu and then select "Auto Tuning", choose "country", then press "yes".
3. It automatically plays one of the channels after auto tuning, you can press CH +/- to change the channels.



1. Auto Turning  
Press menu button to start search DTV or ATV program automatically from V-L to UHF, the searched program will be stored orderly.

2. DTV Manual turning  
Press ► / ◄ to start searching. The VOL- button decreases the frequency, the VOL+ button increase the frequency, in DTV mode

3. ATV Manual Tuning  
Press ► / ◄ to start searching. The VOL- button decreases the frequency, the VOL+ button increase the frequency, in ATV

4. Programmer Edit  
Enter the Channel Edit menu in TV normal mode; you can exchange the two program numbers that you select by pressing ► / ◄ buttons

Note:  
1. If the set is cold, there may be a small "flicker" when the set is switched on. It is normal. There is nothing wrong with the set.

2. Some dot defects may appear on the screen like red, green or blue. Spots, however, this will have no impact or effect on the monitor performance.

### USB/ Card reader MENU

USB/ Card reader function  
This Projector integrates powerful function to support USB/ Card reader and you can connect Ex-equipment via the USB/ Card reader. present, system can support usual USB/ card reader media players and upgrade to system software.  
It can support only the files displaying in the list and the file format this product plays. Enter USB by Pressing "input" key on the projector or "TV/AV" key on the remote to select input signal source "Storage" (for USB) or "cardread" (for card reader), and then pressing ► / ◄ key to enter.

1. Copy media documents to USB/ Card reader;
2. Plug in USB/ Card reader device;
3. Select input source to "storage" or "cardread" pressing ► / ◄ key to enter device in main menu.
4. Select Photo or music or movie or Text
5. Select the file you want to open.

The file format of USB/ card reader can Support:

1. VIDEO:  
\*.mpg/\* .dat/\* .trp/\* .vob/\* .avi/\* .divx/\* .svid  
<MPEG-1(\*.mpg/\* .dat), MPEG2(\*.mpg/\* .dat/\* .trp), CDXA/MPED-1(\*.dat),  
MPG-2(\*.vob), XVID(\*.avi/\* .xvid), DivX3(\*.divx)  
DivX4(\*.divx), DivX5(\*.avi/\* .divx), 3ivX(\*.xvid)>
2. AUDIO:  
\*.mp3/\* .aac/\* .m4a/\* .wma
3. Picture:  
\*.bmp/\* .jpg/\* .png  
4. \*.txt document



### Photo

1. In main menu, press "▲"/"▼" key to choose Photo option, press OK key to confirm, enter PHOTO main directory:

name, Press RETURN key to return to the previous directory :

3. "▲"/"▼" key to choose photo file name:

4. Press OK key to play Photo file :

5. Press  key to play previous Photo,  key to play next Photo;

6. In full-screen play state:

- (1). Press  /  key to rotate the photo clockwise/counterclockwise by 90 degrees;

- (2). Press "▲" key to view lens photo vertically;

- (3). Press "▼" key to view lens photo horizontally;

7. Press RETURN key to exit play mode and return to file directory.

8. press "Index" key to be full screen

### Music

1. In main menu as shown in Figure 1.1), press "▲"/"▼" key to choose Music option, to choose OK key to confirm, enter Music main directory

2. Press "▲"/"▼" key to choose USB or Card reader device, Press OK key to enter next directory, every directory can show music file and folder name only, Press RETURN key to return to the previous directory :

3. "▲"/"▼" key to choose music file name;

1. Press OK key to play music file, its interface is as shown in Figure 2.4:

2. Press  key to play quickly (x2, x4, x8, x20, x1);

3. Press  key to rewind music (x2, x4, x8, x20, x1);

4. Press  key to play previous music, press  key to play next music ;

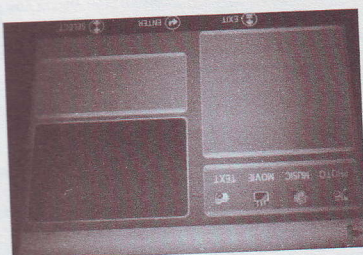
5. Press  key to pause or play music;

6. Press RETURN key to exit the music play mode and return to the file directory .

### Movie

1. In main menu, press "▲"/"▼" key to choose Movie option, Press OK key to confirm, enter Movie main directory :

(picture 18)





every directory displays only movie file and folder name,

Press RETURN key to return previous directory ;

1. Press "▲"/"▼" key to choose movie file name;

2. Press OK key to play movies;

3. Press  key to play movie quickly( x2, x4, x8, x20, x1);

4. Press  key to rewind movie ( x2, x4, x8, x20, x1);

5. Press  key to play previous movie,  key to play next movie;

6. Press  key to pause or play;

7. All movies can be replayed after paused during playing ;

8. Press RETURN key to exit movie play mode and return to the file directory .

## User's maintenance

The projector needs proper maintenance. You should keep the lens clean as dust, dirt or spots will project on the screen and diminish image quality. If any other parts need replacing, contact your dealer or qualified service personnel.

### Cleaning the Lens

Use a standard lens-cleaning brush or a piece of lens tissue dampened with lens cleaning fluid. The lens surface is fragile. Use only recommended, nonabrasive lenscleaning materials. Do not touch the lens with your fingers.

### Cleaning the Projector Housing

Gently wipe with a soft cloth. If dirt and stains are not easily removed, use a soft cloth dampened with water, or water and neutral detergent, and wipe dry with a soft, dry cloth.

### Warning

Never open any of the covers on the projector. Dangerous electrical voltages inside the projector can cause severe injury. Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

Turn off the projector and remove the AC power cord from the power outlet before beginning maintenance work.

Make sure the lens is cool before cleaning.

Do not use detergents or chemicals other than those noted above. Do not use benzene or thinners.

Do not use chemical sprays.

Use a soft cloth or lens paper only.

## Simple repair and solution

The **New small LED projector** is a high-tech product integrating optical, mechanical, and electronic components, with CPU and several protection circuits installed. In case of violating the operation procedure or improper setting, the protection circuit of it will start to work. Then some abnormal symptoms will occur to it. However, as long as you make the correct setting or follow the operation procedure, the failures may be resolved.

| PROBLEMS                           | CAUSE                                                                                                                                       | POSSIBLE SOLUTIONS                                                                       |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| The power is off                   | <ul style="list-style-type: none"> <li>• The air inlet grille, outlet grille or air filter is clogged with dust or some objects.</li> </ul> | <ul style="list-style-type: none"> <li>• Remove the object.</li> </ul>                   |
| POWER indicator does not light up. | <ul style="list-style-type: none"> <li>• Power cord is unplugged from the outlet.</li> </ul>                                                | <ul style="list-style-type: none"> <li>• Plug the power cord into the outlet.</li> </ul> |



|                                                          |                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                          | <ul style="list-style-type: none"> <li>• Power cord is disconnected from the projector.</li> <li>• The projector has been turned on again too soon after having been turned off.</li> <li>• Lamp is no longer working.</li> </ul>                                                                                          |                                                                                                                                                                                                                                                                                          |
| No picture appears on the screen.                        | <ul style="list-style-type: none"> <li>• Lens is covered by lens cap.</li> <li>• The equipment connected to this projector is not turned on.</li> <li>• Hookup is not made correctly with other equipment.</li> <li>• The input source is not selected correctly.</li> </ul>                                               | <ul style="list-style-type: none"> <li>• The air inlet grille, outlet grille or air filter is clogged with dust or some objects.</li> <li>• Remove the object and turn off the main power switch. After about 10 minutes, turn the projector on.</li> </ul>                              |
| The image is distorted                                   | <ul style="list-style-type: none"> <li>• The projector is not at a right angle to the screen.</li> <li>• Adjust the angle of the projector to make a right angle to the screen.</li> </ul>                                                                                                                                 |                                                                                                                                                                                                                                                                                          |
| The image is dark                                        | <ul style="list-style-type: none"> <li>• Brightness, tint and color are not adjusted correctly.</li> </ul>                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Adjust brightness, tint and color correctly.</li> </ul>                                                                                                                                                                                         |
| The image is blurred.                                    | <ul style="list-style-type: none"> <li>• The projecting distance is beyond the focused area.</li> <li>• Lens is dirty.</li> <li>• Screen size exceeds screen size specifications.</li> <li>• Brightness and contrast are not adjusted correctly.</li> <li>• The projector is not at a right angle to the screen</li> </ul> | <ul style="list-style-type: none"> <li>• Adjust the projecting distance.</li> <li>• Clean lens.</li> <li>• Reduce screen size to within 35" to 150".</li> <li>• Adjust brightness, contrast.</li> <li>• Adjust the angle of the projector to make a right angle to the screen</li> </ul> |
| The image remains blurred.                               | <ul style="list-style-type: none"> <li>• When you see the stationary image for a long time, it may remain on the screen if you change the image. It is not a breakdown. The blurred image will disappear in a few minutes.</li> </ul>                                                                                      |                                                                                                                                                                                                                                                                                          |
| Red, blue or green dots are viewed on the text of image. |                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                          |
| The image is distorted on the screen and noise is heard. | <ul style="list-style-type: none"> <li>• The cable for connection with other equipment is not plugged securely into the terminal.</li> <li>• The projector is installed too close to other equipment.</li> </ul>                                                                                                           | <ul style="list-style-type: none"> <li>• The cable for connection with other equipment is not plugged securely into the terminal.</li> <li>• The projector is installed too close to other equipment.</li> </ul>                                                                         |
| No sound is heard.                                       | <ul style="list-style-type: none"> <li>• Volume is not turned up.</li> </ul>                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>• Turn up the volume.</li> <li>• Check connections.</li> </ul>                                                                                                                                                                                    |
|                                                          | <ul style="list-style-type: none"> <li>• This mark is displayed when an invalid operation is executed (for example, when the COMPUTER or VIDEO button is pressed while the menu is displayed). This is not failure.</li> </ul>                                                                                             |                                                                                                                                                                                                                                                                                          |
| Remote control does not work                             | <ul style="list-style-type: none"> <li>• The batteries in the remote control used up</li> <li>• the battery is installed not correctly</li> <li>• obstacle between the projector signal receiver ?</li> <li>• Is the remote control out of operating distance?</li> </ul>                                                  | <ul style="list-style-type: none"> <li>• Change new batteries</li> <li>• Install the battery correctly</li> <li>• Remove the object</li> <li>• Close the remote control to projector (max distance: 7M)</li> </ul>                                                                       |

If all above method can not solve the problem, please contact us or the dealers immediately. Do not open the machine by yourself.



## Specifications

## Technical specifications

Model No.:

|                           |                                                                                            |            |
|---------------------------|--------------------------------------------------------------------------------------------|------------|
| TV System                 | 5" LCD                                                                                     | PAL/ SECAM |
| Display Technology        | 5 inch LCD<br>Physical resolution: 800*600, support 1024*768                               |            |
| Brightness                | 2200ansi(MAX)                                                                              |            |
| Contrast ratio            | 600:1                                                                                      |            |
| Lamp power                | 50W led bulb                                                                               |            |
| Focus adjustments         | Manual Focusing, Support Vertical Zoom/Image Zoom/Image Shrink.                            |            |
| Picture Rotation function | Horizontal/Vertical rotation                                                               |            |
| Compatibility             | HDTV: Support 1080P/1080i/720P/576P/480P/576i/480i                                         |            |
| Aspect ratio              | 4:3/16:9 (support All input 16:9 except USB/card reader, and support hdmi/ybpr 1080p 16:9) |            |
| Built-in Speaker          | 2W *1 Audio output (8Ω)                                                                    |            |
| OSD Languages             | Polish/Portuguese/russian/German/English/Spanish/French/Italian/Dutch/or chinese only      |            |
| Input Socket              | AV,TV,S-video,Audio-out,Audio-in,VGA,Scart,YpPr,HDMI,DVB-T,USB,card reader                 |            |
| Advanced Feature          | 3D, Teletext, NICAM, ZOOM                                                                  |            |
| Lamp life                 | 50000 hours around                                                                         |            |
| Dimensions(LxWxH)         | L:280 x W:200 x H:100 mm                                                                   |            |
| Weight                    | N.W:2.4KG; G.W:4.5KG                                                                       |            |
| Voltage                   | AC90-240V, 50/60Hz;                                                                        |            |
| Noise                     | 25dB                                                                                       |            |
| Projection distance       | 1.6-5.6m                                                                                   |            |
| Projection size           | 35.5-150inch                                                                               |            |

Supplied Accessories: Remote control, power cord, user manual, warranty card, AV signal line, lens clear cloth, fuse.

Thank you for reading the User Manual. If you have any question, please feel free to contact us or the dealers. We will provide excellent service to you. We sincerely hope that you will enjoy your life with our products.