Catalogue

1. Production brief
2. Safeguards
   (1) Important information
   (2) Other information
3. Appearance introduction
   (1) Top view
   (2) Bottom view
   (3) Front view
   (4) Back view
   (5) Left side view
4. Operation introduction
   (1) Operation steps
   (2) Button introduction
   (3) Signal cables connection diagram
   (4) Operation of System function
5. User’s maintenance
   (1) Cleaning notice
   (2) Illustration of projector bulb replacement
   (3) Simple repair of faulty
6. Parameter and function
   (1) Technical specification
   (2) Main functions
7. Accessories

Product Brief

The new function projector of D8H/D8HD has the unique function of direct TV signal input. It integrates TV playing, AV playing and VGA signal input, even with Scart, YPbPr, SD card, USB, HDMI, DVB-T signal input, with fine and novel appearance and shape. It is convenient and handy. With the function of image keystone correction, it is suitable for multi-angle playing. With the screen rotation function, it can place on the table or hang on the ceiling. The aspect ratio of 16:9 super wide screen makes you feel watching films at home, so you can enjoy the real home theater. D8H/D8HD is the best AV product designed for commercial, teaching, entertainment and household using.

For your own safety, and in order to use the projector more conveniently and in a correct way, please read the user’s manual carefully before you use the D8 series (D8/D8H/D8HD), and keep them handy for future reference.

Safeguards

⚠️ Important safeguard

**Warning**

Intense light source. Do not look into the lens or view it directly. Be especially careful that children do not look directly into the lens.

**Warning**

To reduce the risk of fire or electric shock, do not expose the appliance to liquids.

**Warning**

Forbid to touch high temperature area on the bulb box. Ask the specialist to replace the lamp when you need. Consult the "bulb replacement" in the user manual if you replace it yourself. If you have any problem, please contact us or

**Warning**

To reduce the risk of fire or electric shock, do not dismantle the cabinet. There is no user-serviceable parts inside. Contact us or the dealer when needed.
1. The D8 series (D8/H8/D8HD) uses special light source of discharging gas. Please do not turn on or off D8 series frequently. Every turn on/off interval should be more than 30 minutes. Otherwise, it may damage the bulb easily and make it unworkable. When the bulb automatically turns on and off or its brightness is obviously weak, please replace the bulb.

2. Wait for more than 7 minutes after you shut down D8 series with the remote control. Then disconnect the D8 series from the main power supply after the fan stops. Please wait for more than 3 minutes to turn on the D8 series after it is turned off by pressing "power" or shut down abnormally. Otherwise it would directly shorten the life of the bulb or even damage the bulb.

3. In order to cool the D8 series adequately, please stop using the remote control for 2 minutes after D8 series is shut down. The remote control will not function within 2 minutes. 2 minutes later, the remote control function will resume automatically.

4. Because the temperature is high inside the D8 series bulb box, exhaust vents are distributed in the side and bottom of the D8 series. Make sure not block up, cover or fill in things into the vents, and also avoid touching high voltage electricity or circuit in order not to damage D8 series or cause an accident.

5. There are protective circuits and alarming device inside the D8 series. When the internal temperature rises caused by improper environment or blocked vents, the projector will alarm automatically. At this time, the projector should be shut down.

6. As the LCD has a particular characteristic of sequence reversal, when the contrast is not in consistency with the brightness, there will appear a few bright frames in the screen, which is normal.

7. When there is some light spots or black dots in the image, please enjoy the D8 series at ease as it will not affect the D8 series’s function at all. According to international inspection standard (less than 8 dots), it is normal.

8. The D8 series will work normally under normal surrounding temperature. When the surrounding temperature is too high, round black spot will appear and become bigger and bigger in the image during playing, please turn off the D8 series so as to avoid damaging the LCD chip.

9. Please don’t put the D8 series onto or near calorific and hot objects, or put it into airtight cabinet. Do put it in the ventilated place!

10. Avoid using D8 series in condition of moisture, high-temperature, vibrancy, dust and radiation. When it needs to be moved, please take or put it gently!

11. When the D8 series is installed hanging on the ceiling, it is advised to use outlet with a switch, which can be used to turn off the main power supply after the D8 series is turned off.

12. When the D8 series needs to be installed hanging, please refer to picture(2)

13. The lens of D8 series is high precision optical apparatus, please do not touch with a hand and avoid other things touching it. When the D8 series leaves unused for a long time, please cover the lens with its lid, so as to avoid hurting the lens (lens lid is equipped with the D8 series).

14. In order to minimize the unnecessary abrasion of the crust of the D8 SERIES, using remote control to operate each function is advised.

15. In order to avoid damages of internal machine, when lighting storm occurs or voltage waves, please turn off the D8 SERIES, and pull out the plug from the outlet 7 minutes later.

16. If the D8 SERIES has been used for years, after the D8 SERIES is turned off, the bulb is on, the screen still appears light. This situation might happen. Then please turn off the main power supply and send the D8 SERIES to our authorized repair station to change a new relay. (Then please do not turn on the D8 SERIES again, so as to avoid any accident.)

17. Please use the D8 SERIES according to all warnings and instructions marked on the D8 SERIES.

18. D8 SERIES is composed of many precise electronic and optical components. There are no parts of an apparatus that can be maintained or adjusted by yourself. Disassembling will damage it and please do not open it. If abnormal problem occurs, please contact us or dealers immediately! If disassembling it by yourself, free guarantee and repair service will be invalid.
Appearance introduction

Top view

1. Channel +
2. Volume —
3. Volume +
4. Channel
5. System function menu
6. Input signal switch (AV/TV/VGA etc. input signal switch)
7. ON/OFF button
8. Lamp indicator
9. Power indicator

(Picture 1)

Bottom view

Hoisting Screw rod (Tell you how to hang the projector to ceiling: fix the 4 feet of mount to the projector 4 feet hole, then ok)

Note: When hoisting the machine, the length of the screw rod in position A B C D used for hoisting

Front View

1. Keystone correction knob
2. Lens
3. Remote sensor
4. Tilt adjuster
(Picture 3)

Back View

1. Speaker vent
2. Power socket
3. Power switch
(Picture 4)

Operation of New conception projector

hole should not exceed 10mm, to avoid an electric shock when the plastic enclosure is broken and the rod touched the high-tension electricity inside the machine.

(Picture 2)
(3) Focusing

The focus length will change with the change of the distance between D8 SERIES 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.

Button operation
Illustration of remote control

(1) POWER button
Press this button to switch on the TV when at standby mode or enter standby mode.

(2) MUTE button
Press this button to mute or restore sound.

(3) IMAGE button
Press this button to select the zoom mode.

(4) CH button
Press this button to return to the previously Viewed program.

(5) CH+ ▲ CH- ▼ buttons
Press these buttons to select channels in ascending or descending order.

(6) VOL+ ▲ VOL- ▼
Press these buttons to adjust the volume level up or down.

(7) CALL button
Press this button to display the settings on the screen. (e.g. Channel number for TV input)

(8) CHANNEL SELECTION buttons
No use , you can press number key to select tv channel directly.

(9) MODE button
Press this button to switch among TV broadcast, AV input ,SV and other source .

(10) OK button
Press this button to select picture display direction such as Normal ,Reverse etc.

Operation procedure

1) Power on & off
Place the D8 SERIES in a proper position, plug in the power cord, and turn on the mains switch. Now the power indicator should be red; you can just press the POWER button. When the power is on, the power indicator turns to green. (Note: When the power cord is plugged in, the mains switch should be in the position of OFF, in order to avoid a direct shock to the internal circuit of the D8 SERIES by the electric current.) When turning it off, use the remote control first. Now, the power indicator should turn to red, and the radiator fan will still work for 4 minutes for elimination of heat. (Note: the mains switch can be turned off only when the fan stops working, otherwise the internal components of the machine is liable to damage, and consequently the service life of the machine will be shortened.)

2) Keystone correction
When the D8 SERIES is turned on, the projected images become brighter gradually. Owning to the different angle of the positions of the D8 SERIES, 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 angel) (Note: When turning the keystone correction knob, please turn it gently, and never use too much effort, or else unwanted damage should occur.)

Operation Introduction

Note: AV output(only on TV) (Picture S)
Signal Line connection diagram

System function operation

Menu and Operations

Press "MENU" Key to enter OSD menu
The OSD menu has 6 sub-menus
1. PICTURE MENU
2. SOUND MENU
3. FUNCTION MENU
4. OSD MENU and CHANNEL MENU
5. PC MENU

See below picture
This TV set allows you to adjust any setting by selecting from the menu screen

Press LCD MENU button to display main menu, including Picture, Audio, Function, PC, Channel and OSD item. You can select them by pressing the ◀ key buttons, and enter the submenu by pressing CH+/ key. The selected item will change to highlight color.

1. PICTURE MENU
This first item of the menu is the PICTURE menu
You can adjust picture effect here, such as PICTURE MODE, CONTRAST, BRIGHTNESS, HUE, SATURATION, SHARPNESS, COLOR TEMP, and SCALE;
Press ▲▼ buttons to move, use ◀► to adjust, LCD MENU to exit.

2. SOUND MENU
The second item of the menu is the SOUND MENU
You can adjust the sound here
Press ▲▼ buttons to move, use ◀► to adjust, LCD MENU to exit.
Note:
1) MUTE: OFF/ON (disable or enable the sound)

3. FUNCTION MENU

The fourth item of the menu is the FUNCTION MENU.
Press ▲▼ buttons to move, use ◀▶ to adjust, LCD MENU to exit.

4. OSD MENU

The fifth item of the menu is the OSD menu.
Press ▲▼ buttons to move, use ◀▶ to adjust, LCD MENU to exit.

Note:
1) COLOR, SYS: AUTO, PAL, SECAM, AUTO is recommended
2) SOUND, SYS: L, D/K, L, LL, AUTO, B/G;
3) AUTO Search:
Search all the channels automatically

4) MANUAL PROGRAM:
Search the channels manually
Channel: select the start channel of the manual search
Search: press ◀▶ begin to search
Fine: fine tune the current program
Store: store the program

In TV MODE, there is only one item that is different with other source

1. CHANNEL MENU

CHANNEL MENU, only used in TV source.
You can complete channel search and settings here.
Press ▲▼ buttons to move, use ◀▶ to adjust, LCD MENU to exit.
Operation of... New conception projector

Note:
1) PICTURE MODE: USER, STANDARD, MOVIE, VIVID;
COLOR TEMP.: USER, NORMAL, WARM, COLD, SRGB.
In USER mode, use ▼ to adjust R, G, B value. to adjust in the VGA mode, others mode can not.

User's maintenance

Cleaning Notice
(1) Please turn off the D8 SERIES and pull out the plug from the outlet before cleaning.
(2) Do not use liquid cleanser or aerosol cleaner, please use a damp cloth or dry cloth for cleaning.
(3) Clean the dust and spot on the external lens gently with dry cotton cloth.
Conventional diagram for cleaning screen filter

1. Turn off the general power supply
   - Then pull out the power cord

2. Press the tab on the air filtration loopholes and pull straight out
   - The above picture use the vacuum cleaner if the filter very dirty, wash with pure water directly, leave the filter to dry in the sun

3. Remove all the filtration net

4. Clear the air filtration net

5. Replace the air filtration net

6. The appearance after replace the air filtration net

(Picture 20)

Illustration of light bulb replacement

(1). Make sure the power off, then pull out the power cord and cool for one hour

(2). Open the bulb cover
   - Screw down in position
   - With the screw driver and put a coin in position
   - The prize

(3). Illustration after opening the bulb cover

(4). Dismantle the reflecting concave
   - Screw down position
   - With the screw driver, then straight it out in the arrow direction

(5). Dismantle the bulb
   - Hold the two ends of the lamp with your hand, first slightly squeeze it in the arrow direction of position① and then carry it straight in the arrow direction of position②

(6). The inverse procedure for light bulb installation
   - Note: When installing the light bulb, please leave closing glass nozzle downward, and direct at the fixed position slot, in case of accident.

(Picture 21)
Simple repair and solution

The D8 SERIES 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 the D8 SERIES will start to work. Then some abnormal symptoms will occur to the D8 SERIES. However, as long as you make the correct setting or follow the operation procedure, the failures may be resolved.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The lamp does not light up</td>
<td>1. Have you open the cover of the lens?</td>
</tr>
<tr>
<td>when turning on the power</td>
<td>2. Is the connecting correct? Make sure all the signal cords are correctly</td>
</tr>
<tr>
<td></td>
<td>connected.</td>
</tr>
<tr>
<td></td>
<td>3. Are the contrast and brightness set to minimum?</td>
</tr>
<tr>
<td>No picture</td>
<td>1. Are the batteries in the remote control used up? Are the battery</td>
</tr>
<tr>
<td></td>
<td>installed correctly?</td>
</tr>
<tr>
<td></td>
<td>2. Is there obstacle between the remote control receiving part of the</td>
</tr>
<tr>
<td></td>
<td>D8 SERIES and the remote control?</td>
</tr>
<tr>
<td></td>
<td>3. Is the remote control out of operating distance? (max distance: 7M)</td>
</tr>
<tr>
<td>Remote control does not work</td>
<td>1. Turn the lens gently and adjust focus to the right place.</td>
</tr>
<tr>
<td></td>
<td>2. Adjust the simulated analog variables of brightness, contrast, and</td>
</tr>
<tr>
<td></td>
<td>color</td>
</tr>
<tr>
<td></td>
<td>3. Is the lens clean?</td>
</tr>
<tr>
<td>Picture is blurred</td>
<td>1. Is the audio signal connected correctly?</td>
</tr>
<tr>
<td></td>
<td>2. Is the audio input mode of the TV signal right?</td>
</tr>
<tr>
<td></td>
<td>3. Is the volume turned off or set to minimum?</td>
</tr>
<tr>
<td>Unusual sound</td>
<td>All above method can not solve the problem, please contact us or the</td>
</tr>
<tr>
<td></td>
<td>dealers immediately. Do not open the machine by yourself.</td>
</tr>
</tbody>
</table>

Parameter and Function

Technical specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>5&quot; LCD</th>
<th>PAL/NTSC/SECAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV System</td>
<td>5&quot; LCD</td>
<td></td>
</tr>
<tr>
<td>Display Technology</td>
<td>5 inch LCD</td>
<td>Physical resolution: 800<em>600, support 1024</em>768, 1280*1024</td>
</tr>
<tr>
<td>Brightness</td>
<td>2200 (MAX)</td>
<td></td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>600:1</td>
<td></td>
</tr>
<tr>
<td>Lamp power</td>
<td>50W/LED</td>
<td></td>
</tr>
<tr>
<td>Picture Rotation Function</td>
<td>Horizontal/Vertical rotation</td>
<td></td>
</tr>
<tr>
<td>Compatibility</td>
<td>HDTV: Support 1080P/1080I/720P/576P/480P/576i/480i</td>
<td></td>
</tr>
<tr>
<td>Aspect ratio</td>
<td>4:3/16:9 (16:9 made at AV/3-VIDEO inputs)</td>
<td></td>
</tr>
<tr>
<td>Speaker</td>
<td>2W *2 Audio output (please set the built-in speaker to be mute when connect the projector to a outer speaker)</td>
<td></td>
</tr>
<tr>
<td>OSD Languages</td>
<td>ENGLISH, CHINESE, FRENCH, SPANISH, ITALIAN, GERMAN, DUTCH, PORTUGUESE, and DANISH, etc.</td>
<td></td>
</tr>
<tr>
<td>Input Socket</td>
<td>AV, TV, S-Video, Audio-out, VGA, Scart, YpbPr, HDMI</td>
<td></td>
</tr>
<tr>
<td>Advanced Feature</td>
<td>NICAM, ZOOM</td>
<td></td>
</tr>
<tr>
<td>Lamp life</td>
<td>50000 hours</td>
<td></td>
</tr>
<tr>
<td>Dimensions (LxWxH)</td>
<td>258x323x120mm</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>NW=4.8kg</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>90-240V, 50/60Hz</td>
<td></td>
</tr>
<tr>
<td>Noise</td>
<td>&lt; 35dB</td>
<td></td>
</tr>
<tr>
<td>Projection distance</td>
<td>1.09-5.5m</td>
<td></td>
</tr>
<tr>
<td>Projection size</td>
<td>30-180inch</td>
<td></td>
</tr>
</tbody>
</table>

5" LCD D8 Projector SERIES

<table>
<thead>
<tr>
<th>Projection distance</th>
<th>1.09m</th>
<th>1.2m</th>
<th>1.5m</th>
<th>2m</th>
<th>2.5m</th>
<th>3m</th>
<th>3.5m</th>
<th>4m</th>
<th>5m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspect ratio</td>
<td>4.3</td>
<td>10.9</td>
<td>4.3</td>
<td>16.9</td>
<td>4.3</td>
<td>16.9</td>
<td>4.3</td>
<td>16.9</td>
<td>4.3</td>
</tr>
<tr>
<td>Image size (inch)</td>
<td>33&quot;</td>
<td>30.5&quot;</td>
<td>36.5&quot;</td>
<td>33&quot;</td>
<td>47.5&quot;</td>
<td>66.5&quot;</td>
<td>60&quot;</td>
<td>79&quot;</td>
<td>98.5&quot;</td>
</tr>
</tbody>
</table>

18
Main function

(1) Signal compatibility: TV (75Ω) AV, S-video, Audio-out, VGA, S-Video, Y/PbPr, HDMI;
(2) Keystone correction and picture rotation, the picture aspect ratio can switch from 16:9 to 4:3.
(3) OSD screen display function
(4) The fans continue to work after the D8 SERIES is turned off (lasting for 10 minutes so as to prolong
the lamp life.)
(5) Alarm protection function in case of excessive heat
(6) Alarm function when sole heat-exhausting fan does not work
(7) Entire remote operation
(8) Manual focus adjustment, Support Vertical Zoom/Image Zoom/Image Shrink, support PIP (Picture in
picture), 3D, Teletext, NICAM, ZOOM, Multi window.

Supplied Accessories

Remote control, power cord, user manual, warranty card, AV signal line, VGA signal line.

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.