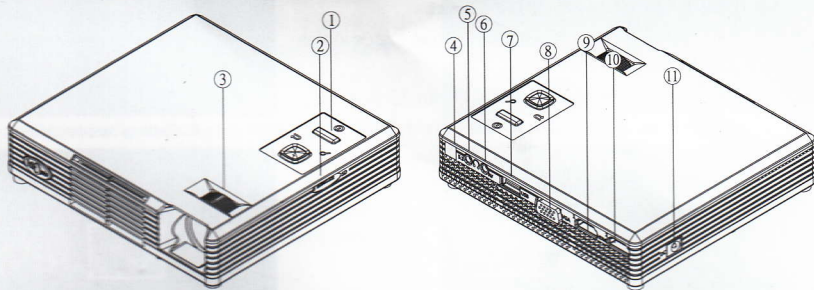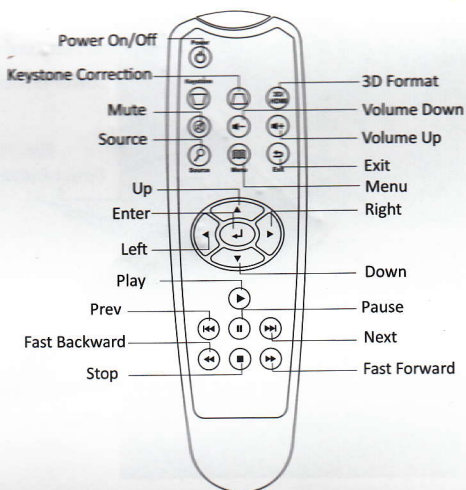# 1. QUICK START GUIDE
3D DLP PICO PROJECTOR
A. Product Overview

① Power Switch ② Micro SD ③ Focus Ring ④ IR Sensor ⑤ 5.1 Surround Sound/Earphone

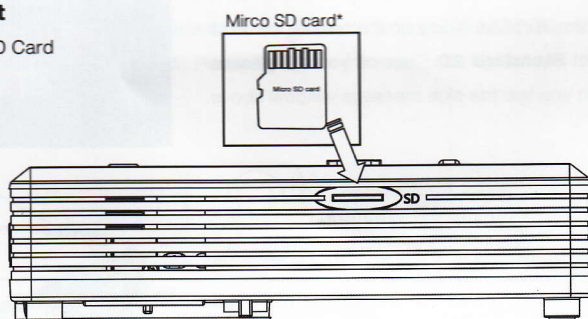⑥ AV in ⑦ USB ⑧ VGA ⑨ HDMI – 1 ⑩ HDMI – 2 ⑪ DC in

2. B. Remote Control

- Power On/Off
- Keystone Correction
- Mute
- Source
- Up
- Enter
- Left
- Play
- Prev
- Fast Backward
- Stop
- 3D Format
- Volume Down
- Volume Up
- Exit
- Menu
- Right
- Down
- Pause
- Next
- Fast Forward

3. C. Device Connectivity

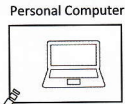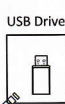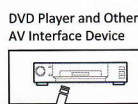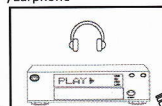## Connect
- Micro SD Card

Mirco SD card*

Note: Insert your Micro SD card while the side with flash contacts facing **upward.**
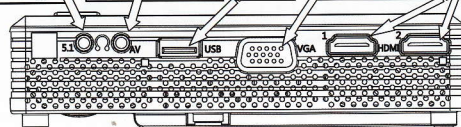
4. Connect

- 5.1 Surround Sound Device/Earphone
- DVD Player and Other AV Interface Device
- USB Drive • Personal Computer
- Blu-ray Player and Other HDMI Interface Multimedia Device
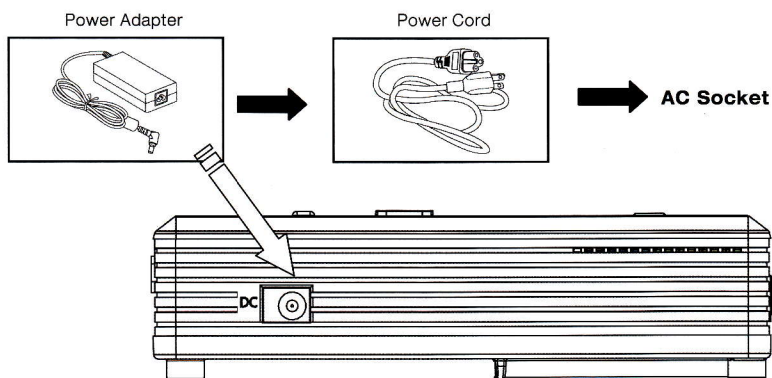
5.1 Surround Sound Device /Earphone

DVD Player and Other AV Interface Device

USB Drive

Personal Computer

Blu-ray Player and other HDMI Interface Multimedia Device (HBD400 WiFi Android Dongle)

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D. Operation Instruction

1. Connection
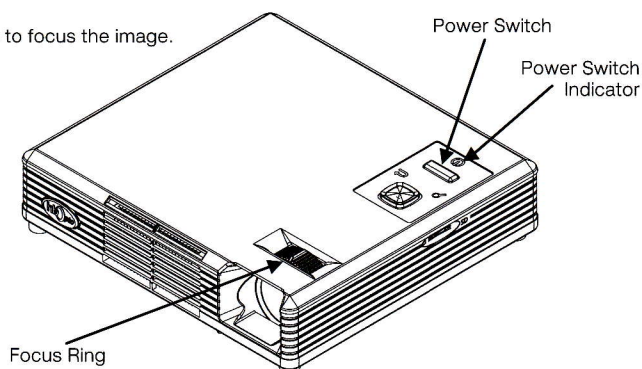
Power Adapter

Power Cord

AC Socket

6

2. Power On/Off

Press the power switch to turn on the projector. Press it again to turn off the projector.

3. Adjust Focus

Rotate the focus ring to to focus the image.

Power Switch

Power Switch Indicator

Focus Ring

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4. Function Keys

five way key   Up

Left * 1 — Right * 2

Down

Enter * 3

Source

Exit
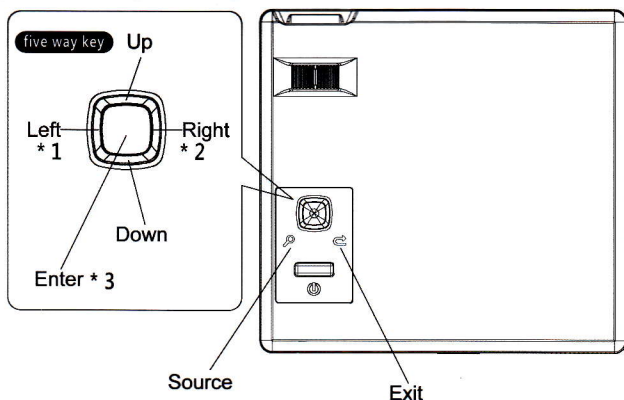
*1 : **Move the cursor left; Press it for 3 seconds: Volume Down**
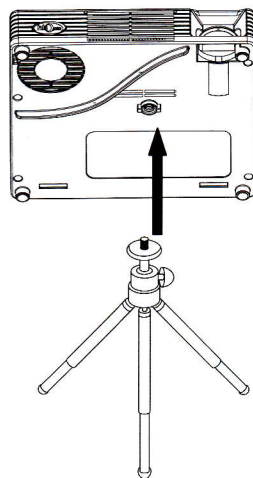*2 : **Move the cursor right; Press it for 3 seconds: Volume Up**
*3 : **Confirm your choice; Press it for 3 seconds: enter the OSD menu.**

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5. Using the Tripod

The projector can be used with the tripod by connecting the tripod to the bottom of the projector. Many typical tripods are compatible.

*If you have purchased the Battery Pack, HBB086, it is connected between the Pico Projector and the Tripod.

6. OSD Menu 1 / OSD Menu 2

Press **Five Way key** to confirm your choice for 3 seconds (or **menu** ⊞ key on the remote control) to enter the OSD menu. You will see OSD Menu 1 or OSD Menu 2.
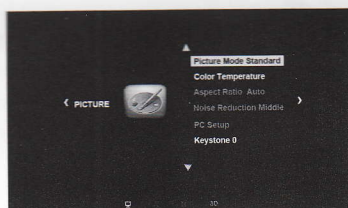
• OSD Menu 1

You will see OSD Menu 1 when your source is USB, Micro SD card, VGA, HDMI #1. Use **Five Way key Up** and **Down** to select the section you want; **Left** and **Right** to choose the item you want to adjust. See more details in User Guide.
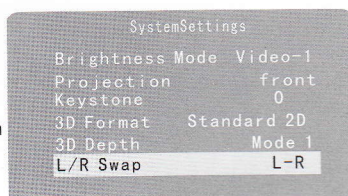
• OSD Menu 2

You will see OSD menu 2 when your source is HDMI 2. Use **Five Way key Up** and **Down** to select the section you want; **Left** and **Right** to choose the item you want to adjust. See more details in User Guide.

＊The following steps use OSD menu 1 for example.

OSD Menu 1

OSD Menu 2

E. Using Your Projector: 3D Projection

You can display 3D images by:

- Playing Blu-ray 3D files.
- Creating 3D image from Half Side by Side or Top and Bottom video/image files.
- Creating 3D image from 2D files. See the corresponding page for further information.

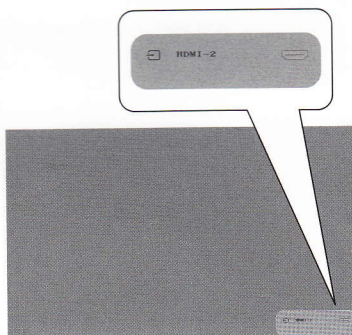| File Format	Accepted Input Source	Page
Blu-ray 3D	HDMI – 1/ HDMI-2	p. 11
Half Side by Side or Top and Bottom video/image files	USB Drive/Micro SD Card/VGA/HDMI – 1/ HDMI-2/AV	p. 14
2D file	USB Drive/Micro SD Card/VGA/HDMI – 1/ HDMI-2/AV	p. 19

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1. Playing Blu-ray 3D from HDMI Interface Device

(1) **Choose input source:** Press **Source** 🔍 key and select your input source as "HDMI – 1" or "HDMI-2".
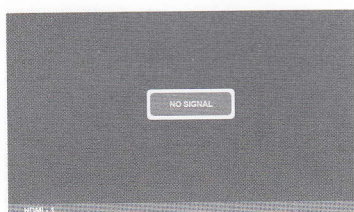
Source—HDMI-1

Source—HDMI-2

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(2) **Play your Blu-ray disc. Put on your 3D glasses** when you see the blue message window.

(3) **Press the power button of the 3D glasses.**

Power Button

(4) When you stop playing the disc, you will see the blue message window and you can take off 3D glasses.

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(5) To turn off the 3D glasses: Press the power button of the 3D glasses for 1.5 seconds to turn they off. You will see the glasses flashing 3 times before they turn off. Or, they will be automcatically turn off in 5 minutes if they do not receive a 3D signal.
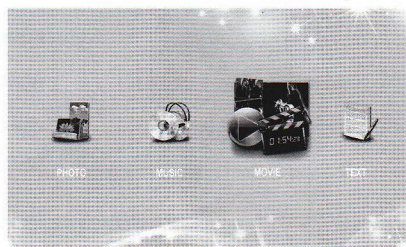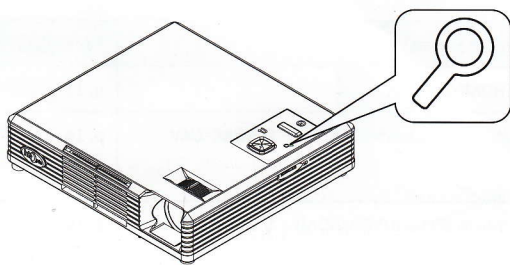

Power Button

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2. Creating 3D Image from Half Side by Side or Top and Bottom Video/Image Files

(1) Choose input source:

- **VGA/HDMI/AV Device:** Press **Source** 🔍 key to select your input source.
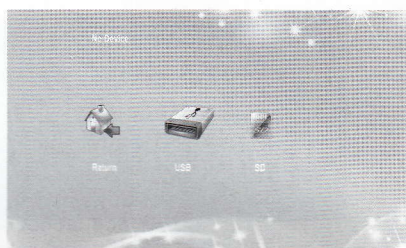- **USB drive/Micro SD card**: Please switch to the main menu below.


Main Menu

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(2) Play your file:

- **VGA/HDMI/AV Device:** Follow the instruction of your device to play your file.
- **USB drive/Micro SD card:** On the main menu, choose your file type as **"Photo/Movie"** and select your source as USB drive/Micro SD card. Enter your folder and choose your file.
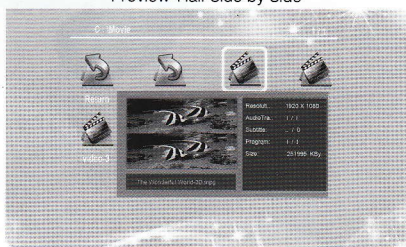

USB/Micro SD Card Select Menu

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- **Preview:** Keep the cursor on the file for 5 seconds, a **Preview** window will pop out to show the format of the 3D file that you will choose is "Half Side by Side" or "Top and Bottom" Press **Five Way key** to **confirm** to play the file.
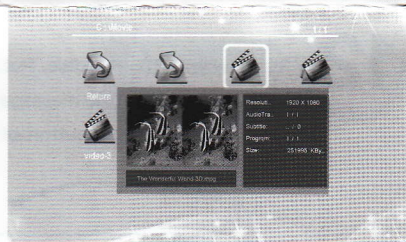

Preview-Half Side by Side

Preview-Top and Bottom

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(3) Select 3D Format:
- Enter OSD menu. Go to **3D Setting (or System Setting) >> 3D Format**.
- The video/image will be in pause status .
- Press **Five Way key** confirm to go into 3D Format Submenu. **Use Five way key Left and Right** to select the corresponding image (Half Side by Side or Top and Button) based on the **Preview** images. Press **Five Way key** to confirm you choice.
- The 3D/HDMI 🔳 key on the remote is depressed for 2 Seconds to select the sync with your glasses with the 3D image on the screen.
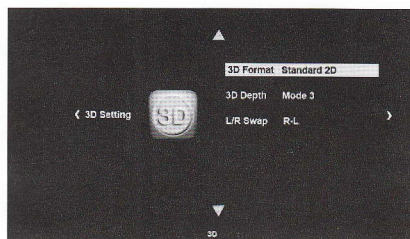

3D Setting/System Setting
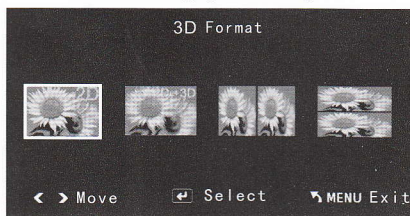
3D Format Submenu

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(4) Put on your 3D glasses when you see the blue message window. Press the power button on the 3D glasses.

(5) To Return to 2D mode: Choose **3D Format** again and select **Standard 2D**; or users can also use the 3D/HDMI 🔳 key on the remote control to select Standard 2D. Take off your 3D glasses when you see the blue message window below.

(6) To turn off the 3D glasses: Press the power button of the 3D glasses for 1.5 seconds to turn they off. You will see the glasses flashing for 3 times before they turn off. Or, they will be automcatically off in 5 minutes if they do not receive a 3D signal.
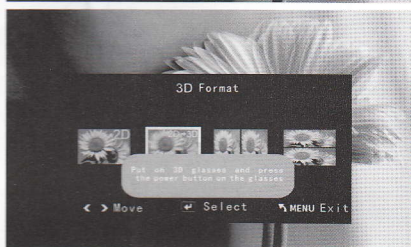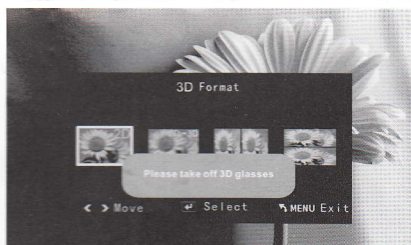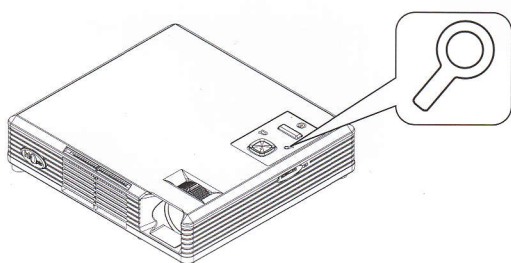

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3. Creating 3D Image from 2D Files

(1) Choose input source:
- **VGA/HDMI/AV Device:** Press **Source** 🔍 key to select your input source.
- **USB drive/Micro SD card:** Please switch to the main menu as below.

Main Menu

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(2) Play your file:
- **VGA/HDMI/AV Device:** Follow the instruction to play your file.
- **USB drive/Micro SD card:** On the main menu, choose your file type (Photo/Movie/Text) first and select your source as USB drive/Micro SD card. Enter your folder and choose your file.
- **Preview:** Keep the cursor on the file for 5 seconds, a **Preview** window will pop out to show the 2D file that you will choose. Press **Five Way Key** to **confirm** to play the file.


USB/Micro SD Card Select Menu
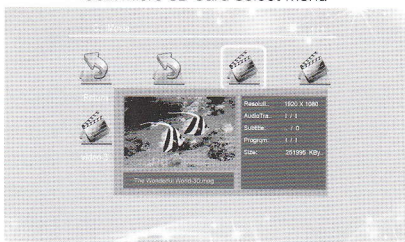
Preview

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(3) Select 3D Format:
- Enter OSD menu. Use **Five way key Left and Right** to switch to **3D Setting(or System Setting)**, and select **3D Format**.
- The video/image will be in pause status in this stage.
- Press **Five Way Key** to go into 3D Format Submenu. Select "**2D to 3D.**" Press **Five Way Key** to confirm.
- Users can also use the 3D/HDMI key on the remote control to select "**2D to 3D.**"
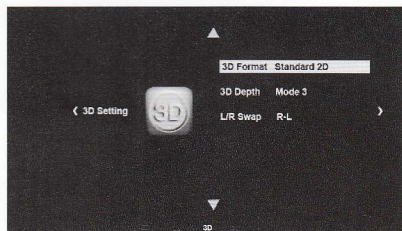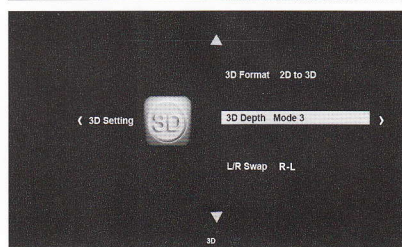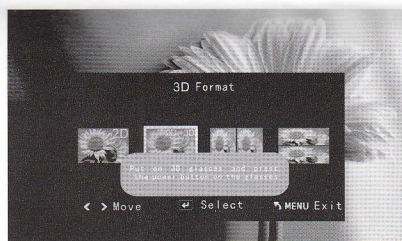
3D Setting/System Setting – 3D Format
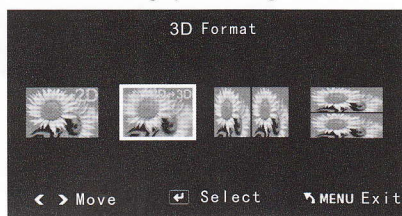
22

(4) Put on your 3D glasses when you see the blue message window. Press the power button on the 3D glasses.
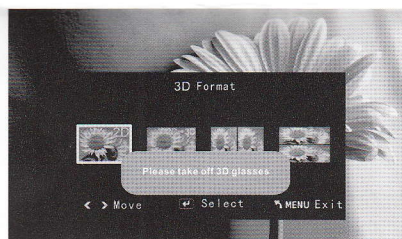
Power Button

(5) Adjust 3D depth effect: Enter OSD menu. Go to **3D Setting(or System Settings) >> 3D Depth** to adjust the intensity of your 3D depth effect.

3D Setting/System Setting – 3D Depth

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(6) Return to 2D mode: Choose **3D Format** again and select **Standard 2D**; or users can also use the 3D/HDMI key on the remote control to select **Standard 2D**. Take off your 3D glasses when you see the blue message window above.

(7) To turn off the 3D glasses: Press the power button of the 3D glasses for 1.5 seconds to turn it off. You will see the glasses flashing 3 times before they turn off. Or, they will be automcatically off in 5 minutes if they do not receive a 3D signal.

Power Button

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F. Using Your Projector: 2D Projection
1. Play from AV/HDMI/VGA Device
(1) After you connect your multimedia device and the projector, turn on the projector. Press **Source** key to select your source.
(2) Follow the instructions of your device to play your files.

2. Play from USB Drive/Micro SD Card
(1) On the main menu, choose the type of the files you are going to play: Photo/Music/Movie/Text.
(2) Press **Five Way Key** to **confirm** and choose your source as USB Drive or Micro SD card on the screen. Enter your folder and choose your file.