IMPORTANT NOTICE

● Before operating the unit, please read these instructions carefully.

● Retain the manual for future reference.

● You are advised to follow the instructions carefully when operating the unit.

● Do not use any chemical solvent, cleaning agent or corrosive detergent to clean dirt off the surface of the screen. By doing so, you may cause irreversible damage to the surface of the TFT screen. To clean off dirt or fingerprints, we recommend the use of a soft damp lens cleaning cloth.

● Using spare parts from another manufacturer may caused permanent damage to the unit.

● When operating the display unit, avoid touching or pressing the LCD glass panel. Excessive force may cause irreparable damage to the LCD screen.

● It is unlawful in most jurisdictions for a person to drive a motor vehicle which is equipped with a screen that is located in the motor vehicle at any point forward of the back of the driver's seat, or that is visible, directly or indirectly, to the driver while operating the vehicle. In the interesting of safety, this monitor should never be installed where it will be visible, directly or indirectly, by the operator of the motor vehicle.

MAIN FEATURES

- 9" 16:9 WIDE SCREEN TFT-LCD MONITOR.
- TOUCH KEYPAD.
- BUILT IN 1/4 DIN FULL FUNCTION DVD PLAYER.
- BUILT IN USB INPUT
- BUILT IN SD CARD INPUT.
- BUILT IN SPSC INPUT (SMART PHONE STREAMING CONNECTOR)
- BUILT IN MIRACAST RECEIVER FOR ANDROID DEVICES (OPTION).
- BUILT IN WIRELESS HEADPHONE IR TRANSMITTER.
- FULL FUNCTION WIRELESS REMOTE CONTROL.
- BUILT IN FM TRANSMITTER AUDIO OUTPUT.
- FM TRANSMITTER AUDIO OUTPUT

MAIN SPECIFICATIONS

DISPLAY:	9" wide screen TFT LCD active matrix
RESOLUTION:	800RGB(W) X 480(H)
PIXEL PITCH(mm):	0.0825(W) X 0.2327(H)
VIEWING ANGLE:	Left/Right 70°/70°, Up/Down 50°/70°
BRIGHTNESS:	500 cd/m^2
CONTRAST RATIO:	500:1
POWER SOURCE:	DC 10.5~16V (NEGATIVE GROUND)
POWER CONSUMPTION:	45W (Max.)
OPERATING TEMPERATURE:	System: 0℃~65℃ (32℉~149℉), Miracast function: 5℃~50℃ (41℉~122℉)
STORAGE TEMPERATURE:	-20℃~70℃(-4℉~158℉)
DIMENSIONS (W x D x H):	250x230x143mm
NET WEIGHT:	2.05Kg.

DVD PLAYER

● Support Disc Type DVD-ROM, DVD-R/+R, DVD-RW/+RW, CD, CD-R & CD-RW.
● Media format support DVD-VIDEO, VCD, SVCD, CD-DA, JPEG, BMP, MP2, MP3, MPEG

MEDIA PLAYER (USB/SD CARD)

● Support partition format: FAT32.
● Media format support MPEG1, MPEG2, JPEG, MP2, MP3, BMP & PNG.

WIRELESS DISPLAY (OPTION)

● Support Miracast function for Android devices.

STANDARD ACCESSORIES PACKAGE CONTENTS

● Remote control (include 1.5V AAA *2 Battery).
● Owner's manual.
● Power connection cable.

CONTROLS & CONNECTORS

● POWER button: Press to turn the monitor on/off.

● Eject button: Press to eject the disc.

● IR transmitter: Transmit audio to wireless headphones.

● IR Sensor: IR sensor for remote control.

● SD card port: Plays SD card..

● SPSC port: (SPSC: Smart Phone Streaming Connector): Connection to Smart Phone for Streaming function.

● USB port: Plays USB Drive.

● Headphone jack: Connecting to headphone.

● DVD player: Plays DVD, SVCD, VCD, AUDIO CD, MP3 and MPEG video, JPEG and BMP format.
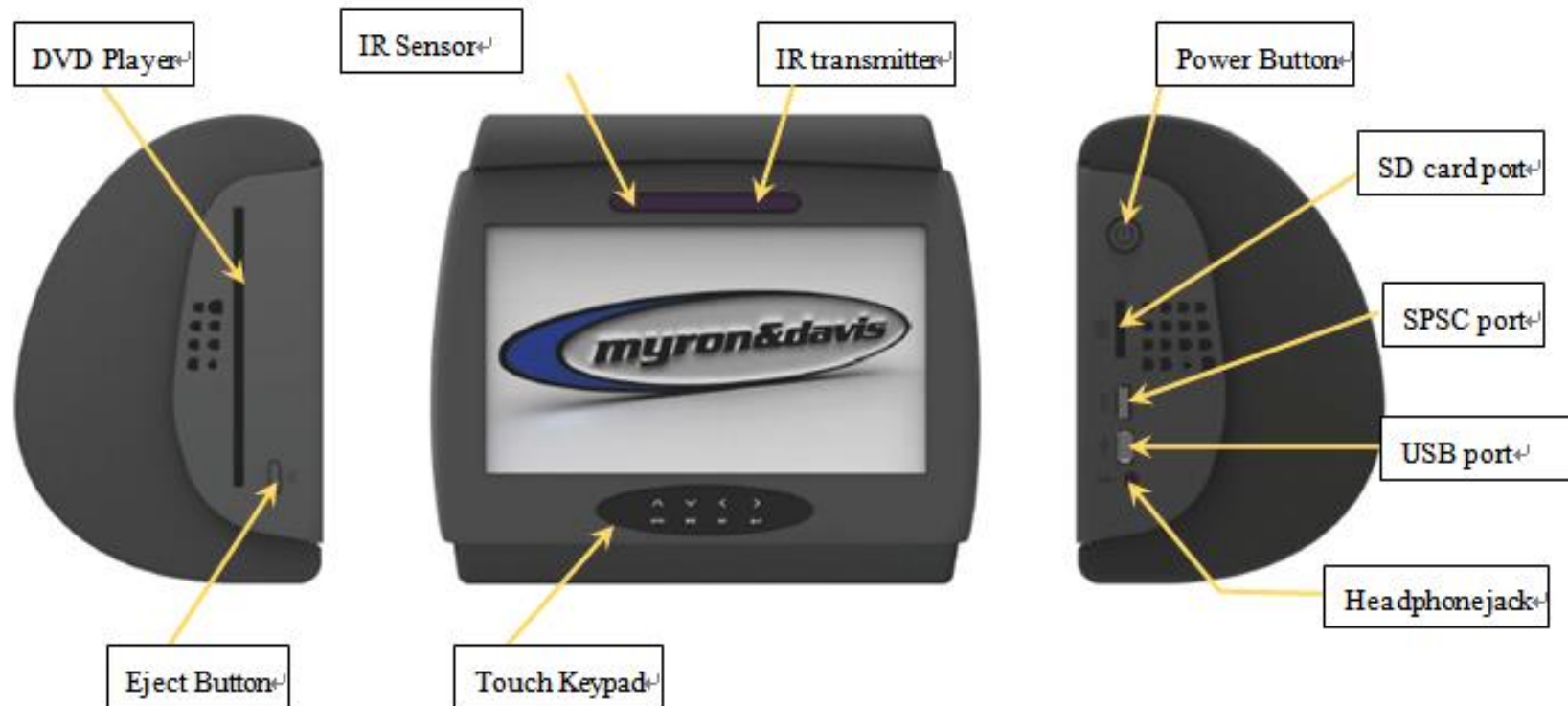
MONITOR FUNCTION

1. Power button

Press this button to turn on the monitor, press again to turn off the monitor.

2. SOURCE button

Open the input source menu.

3. Left / Right button

Press this button to switch another mode to control difference RSE.

4. AUDIO button
Press this button turn on/off FM audio output function

5. MUTE button

Press to mute the audio, press the button again to restore

sound to the previous audio level.

6. PLAY / PAUSE button

Press this button to start the play/pause mode of DVD player / Media player.

7. STOP button
During DVD playback, pressing the STOP button for the first time brings the DVD player to a pre-stop mode.
You can resume playback from the stopped point by pressing the PLAY button.
To completely stop playback, press the STOP button twice.

8. VOLUME UP / DOWN button

Use these buttons to increase / decrease the volume level of the audio output.
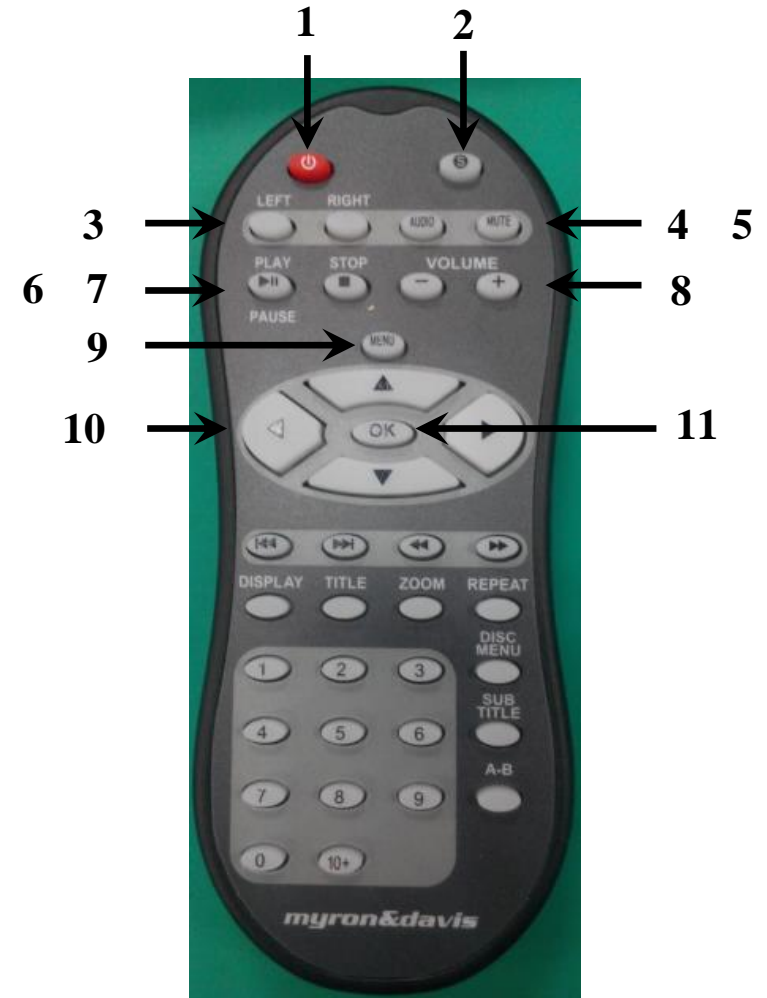
9. MENU button

Press this button to active the OSD menu screen.

10. Navigation arrows button

Those buttons are navigation arrows.

11. OK button

Press this button to confirm selection.

MD9   5

12. PREVIOUS / NEXT   button

Allows the user to search in a backward / forward direction.

13. BWD / FWD button

Allows the user to skip to the previous chapter / next chapter or track

14. DISPLAY button

Press to display DVD disc current information.

15. TITLE button

Some DVDs come with title selection. For such case, allows the user to select desired title.

16. ZOOM button

Allows the user to zoom in or zoom out the image, press the
"LEFT/RIGHT/UP/DOWN" buttons to move the zoomed image to move
in the direction of the remaining portion of the image.

17. REPEAT button

Allows the user to repeat play various positions of a
DVD, CD or MP3.(Track/Chapter/All)

18. DISC MENU button

Allows the user to select the subtitle when playing the VCD 2.0 version only.
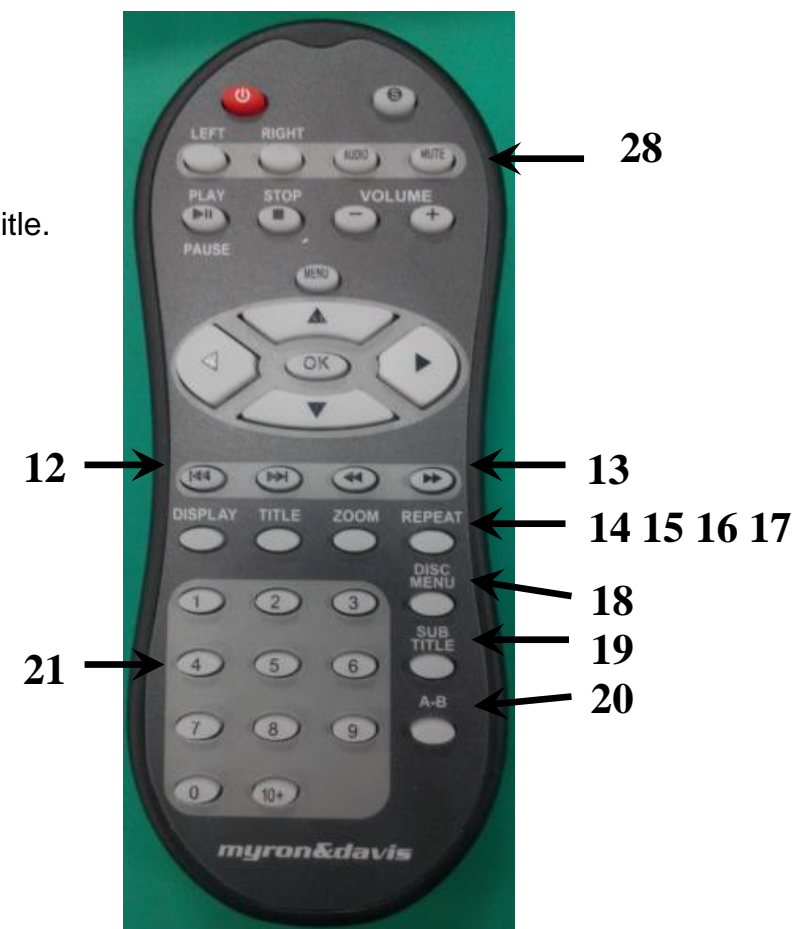
19. SUBTITLE button

Allows the user to select a subtitle display in various languages.

20. A-B button

Allows the user to repeat play of a DVD or CD from point
A to point B. Press button once to set point A once again to set point B.

21. NUMBER buttons

Allows the user to enter the numbers 0 to 10 for selection of CD track,
DVD chapters, and password setting.

MONITOR OPERATION

- Press the POWER button on the unit or remote to turn on the monitor.
- Press the SOURCE button to select viewing source.
- Press the MENU button to active the OSD menu shown on the LCD screen.
- Press the MENU button again to close the OSD menu.

DVD OPERATING

The DVD player has the ability to play DVD, VCD, Audio CD, MP3 audio and MPEG video, as well as display JPEG and BMP images. Make sure you read this section completely before using the DVD section.

REGIONAL CODING

Both the DVD player and DVD disc are coded by region. These regional codes must match in order for the disc to play. If the codes don't match, the disc won't play. This DVD player will only play region 1 DVD disc.

TO PLAY A DVD OR VCD

- Press the source menu button and select the DVD item.
- Insert DVD or VCD disc (Label Up), the disc will automatically load.
- Press the PLAY button on the remote to play selected title.

  When you'd like to stop playing, press the PLAY button again.

  NOTE: The On Screen Display will show "WRONG REGION" if the disc region code does not correspond with the unit setting.
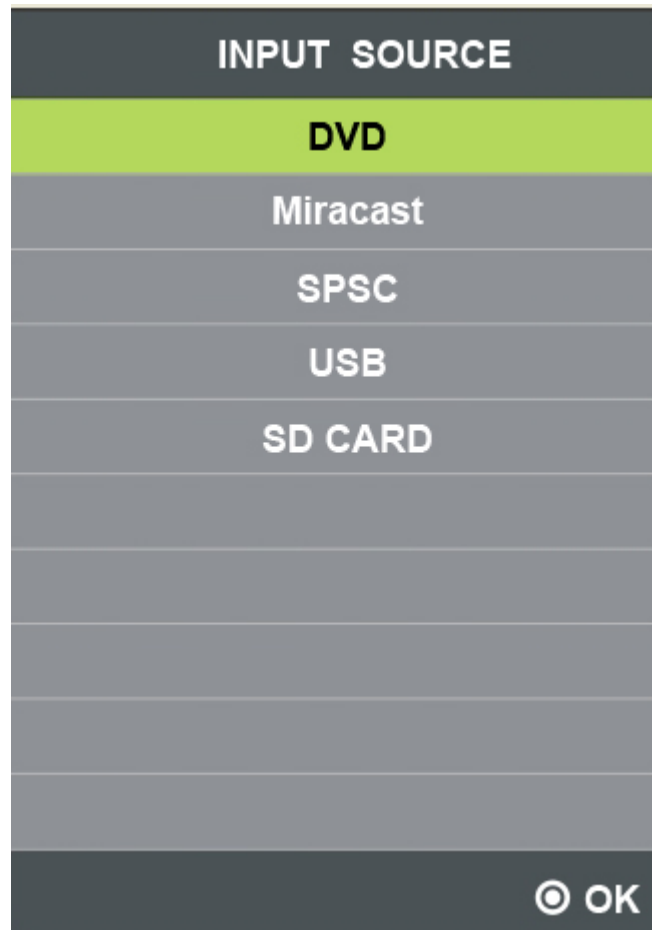- Pressing the STOP button for the first time brings the DVD player to a pre-stop mode.

  You can resume playback from this stopped point by pressing the PLAY button.

  To completely stop playback, press the STOP button twice.

INPUT SOURCE OPERATION

● Press SOURCE button to open INPUT SOURCE MENU.

● Then press SOURCE button to scroll through INPUT SOURCE from top to bottom.

● Pressing ENTER or PLAY button will change to the chosen SOURCE.

VIDEO DISCs

1. Press the Source button and select DVD as the input source.
2. Press the EJECT button to eject the disc.
3. Place the disc with the label side facing up and the recorded side facing down.
4. The DVD player will begin to read the disc information and starts playback.
5. Depending on the content of the disc, a menu or navigation screen may appear. Please use the navigation ARROW and ENTER buttons to select the content to play.
6. To stop playback, press the STOP button.
   - During DVD playback, pressing the STOP button for the first time brings the DVD player to a pre-stop mode. You can resume playback from the stopped point by pressing the PLAY button. This pre-stop mode allows you to change the player settings and then resume playback.
   - To completely stop playback, press the STOP button twice.

1. Some DVD discs contain title menu or chapter menu functions.
2. Press the TITLE button on the remote control to display the menu on the screen.
3. Make menu selections using the number buttons or navigate the menu using the ARROW buttons, and then press the ENTER or PLAY button to make the selection.

- *REP-CHAPTER*-repeats the chapter that is playing.
- *REP-TITLE*-repeats the Title that is playing.
- *REP-ALL*-repeats the disc that is playing.
- *REPEAT OFF.*

● When playing an audio CD, It displays the current track and time for that track playing.

● The default mode for the Repeat feature is OFF. Pressing REPEAT consecutively changes the repeat options:
   ✧ *REP-1*-repeats the track that is playing.
   ✧ *REP-ALL*-repeats the disc that is playing.
   ✧ *REPEAT OFF.*

● The repeat option changes every time REPEAT is pressed. When the track/tracks has/have ended, the selected repeat option loops

repeatedly unit you turn it off.

● MP3 is a format for storing digital audio. An audio CD-quality song can be compressed into the MP3 format with very little loss of quality, while taking up much less space. CD-R discs that have been encoded in MP3 format can be played on your DVD player.

● Press the DISPLAY button on the remote to DISPLAY Banner. The options below show you what happens when you press the DISPLAY button.

● When an MP3 disc is inserted in the player, the Smart Nav screen appears automatically. You can change folders and songs through Smart Nav. The DVD player plays the songs in order they were burned on to the disc.

 ✦ If a disc is playing, press STOP. Press the up or down arrow button to go through the folder list on the right side of the Smart Nav Screen.

 ✦ Once the folder you want is highlighted, press ENTER.

 ✦ Press the up or down arrow button to go through the song list and highlight the song you want. Press ENTER to begin playback of the highlighted song.

 ✦ The icon flash means the song is playing.

● Use the next button on the remote control to move to the next song. Use the Previous button to move the beginning of the currently playing song.

● The default mode for the Repeat feature is OFF. Pressing REPEAT consecutively changes the repeat options:

 ✦ Repeat 1 - repeats the song that is playing.

 ✦ Repeat DIR - repeats the folder that is playing.

 ✦ ALL - repeats all folders that are playing.

 ✦ *REPEAT OFF.*

MIRACAST OPERATION (OPTION)
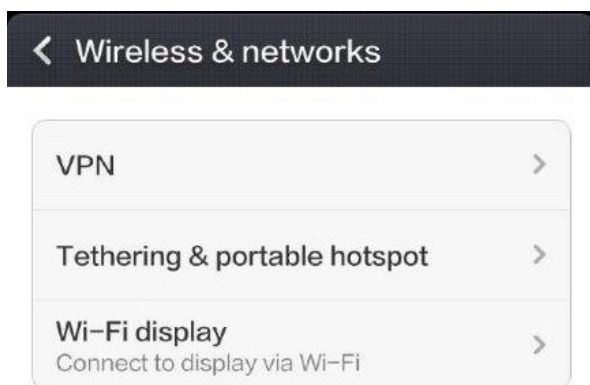
● Switch **INPUT SOURCE** to **Miracast**.
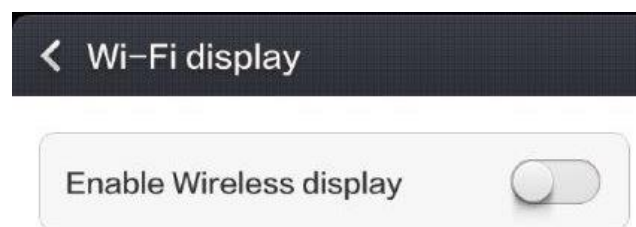
● The following screen will be displayed.

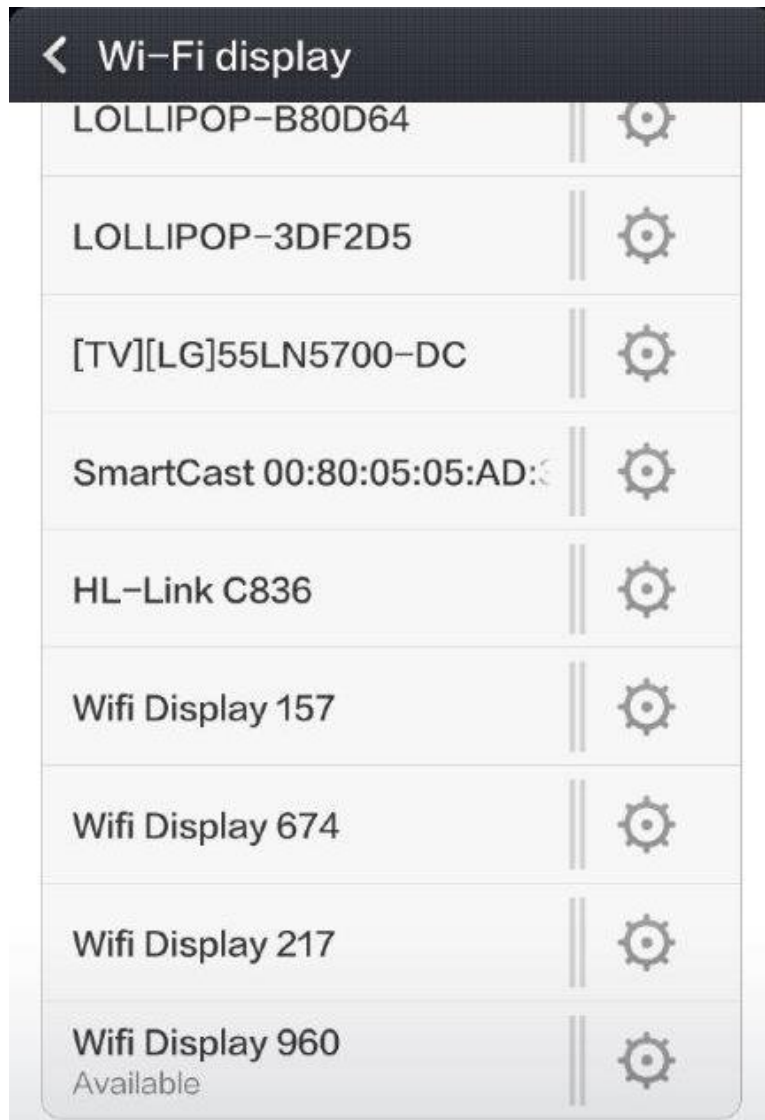● Open a Miracast Supported device (Android device) and search.
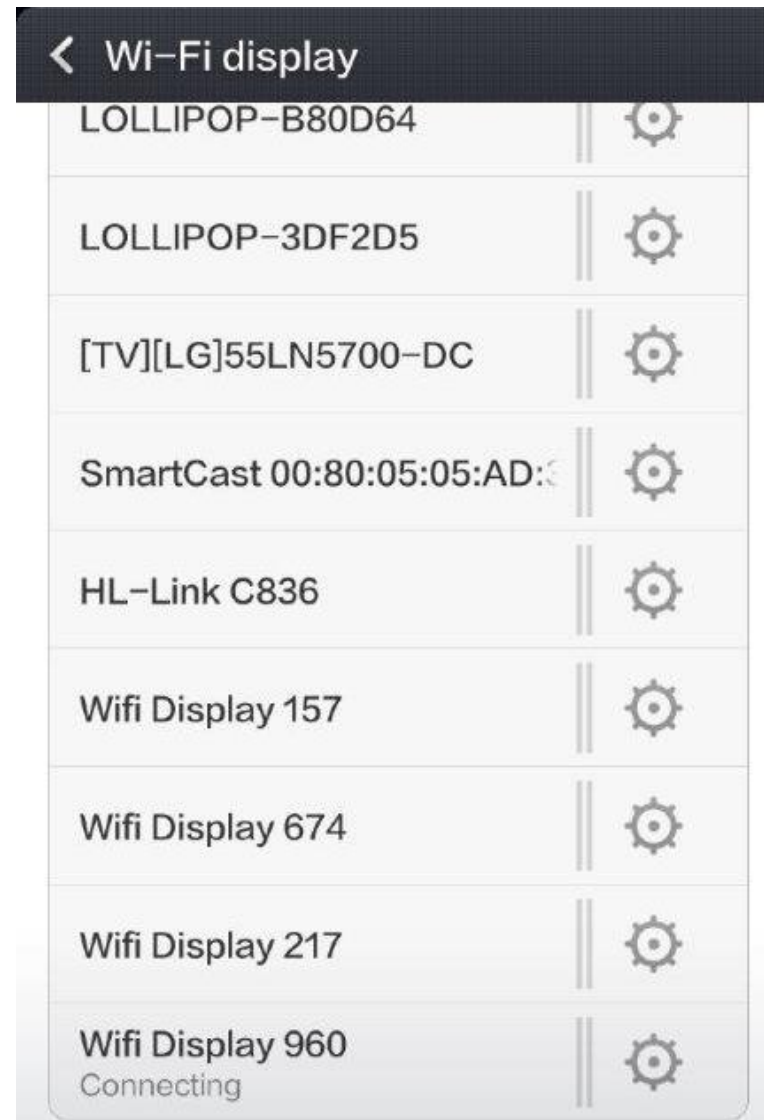
● Select Wi-Fi display.

● Enable Wireless display.

● Select an available device on smart phone that matches device on display of MD9.

● When into the connecting status, both the smart phone and the screen of MD9 are showing the connecting messages.

‹ Wi-Fi display

|	
LOLLIPOP-B80D64	⚙
LOLLIPOP-3DF2D5	⚙
[TV][LG]55LN5700-DC	⚙
SmartCast 00:80:05:05:AD:	⚙
HL-Link C836	⚙
Wifi Display 157	⚙
Wifi Display 674	⚙
Wifi Display 217	⚙
Wifi Display 960 Available	⚙

‹ Wi-Fi display

LOLLIPOP-B80D64	⚙
LOLLIPOP-3DF2D5	⚙
[TV][LG]55LN5700-DC	⚙
SmartCast 00:80:05:05:AD:	⚙
HL-Link C836	⚙
Wifi Display 157	⚙
Wifi Display 674	⚙
Wifi Display 217	⚙
Wifi Display 960 Connecting	⚙

● Wait for device connected.

● When a successful connection is made, your phone's screen will be mirrored onto the video screen.

< Wi-Fi display

LOLLIPOP-B80D64

LOLLIPOP-3DF2D5

[TV][LG]55LN5700-DC

SmartCast 00:80:05:05:AD:

HL-Link C836

Wifi Display 157

Wifi Display 674

Wifi Display 217

Wifi Display 960
Connected

● For **iPhone lighting** device:
  1. Switch **INPUT SOURCE** to **SPSC**.
  2. Using the SPSC cable Connection between the Lightning Digital AV Adapter and the SPSC port of MD9.
  3. Connect the adaptor cable on lighting side (male) to a smart phone.
  4. Connect the adaptor cable on lighting port (female) to the USB port of MD9.

SPSC

USB

i phone

To USB

To SPSC

HDMI CABLE

Lightning Digital AV Adapter
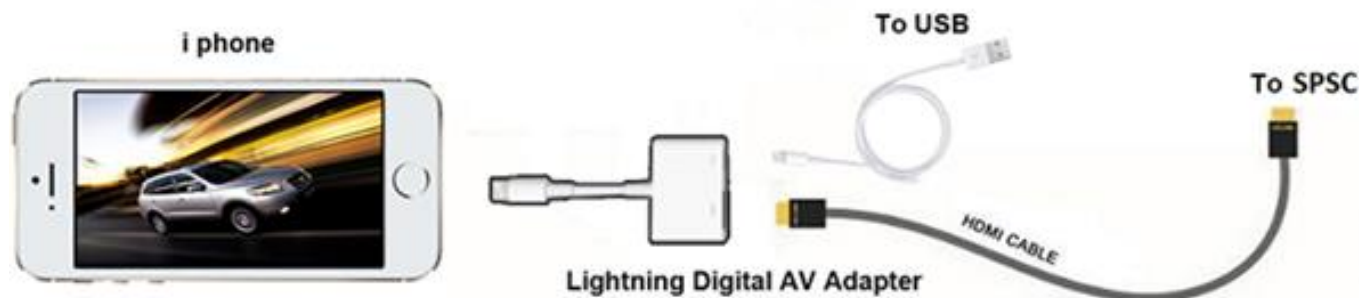
● For **Android** device:
1. Switch **INPUT SOURCE** to **SPSC**.
2. Using the SPSC cable Connection between MHL adaptor and the SPSC port of MD9.
3. Connect the adaptor cable on micro USB side to a smart phone.
4. Connect the USB connector of adaptor cable to USB port of MD9.

The USB supports 1A for charging.

MHL support depends on the smart phone and also on the MHL, SPSC cable.

If you want to know which smart phone supports MHL function, you can to refer the web site under.

http://www.mhlconsortium.org/productlist/mobile-devices/ .

USB / SD CARD OPERATION

● Insert a USB Drive or SD CARD into the proper socket as shown on the right . Use caution when inserting Digital Media Card into the port.

● Select the USB or SD CARD Source on the Input Source menu

CAUTION: USB Port ot SD CARD can be damaged if the wrong side is inserted or it is force in.

SD CARD →

USB Port →

● There are 4 choices of **PHOTO**, **MUSIC**, **MOVIE** and **TEXT**, press Enter button to get in.

● Choose partition.
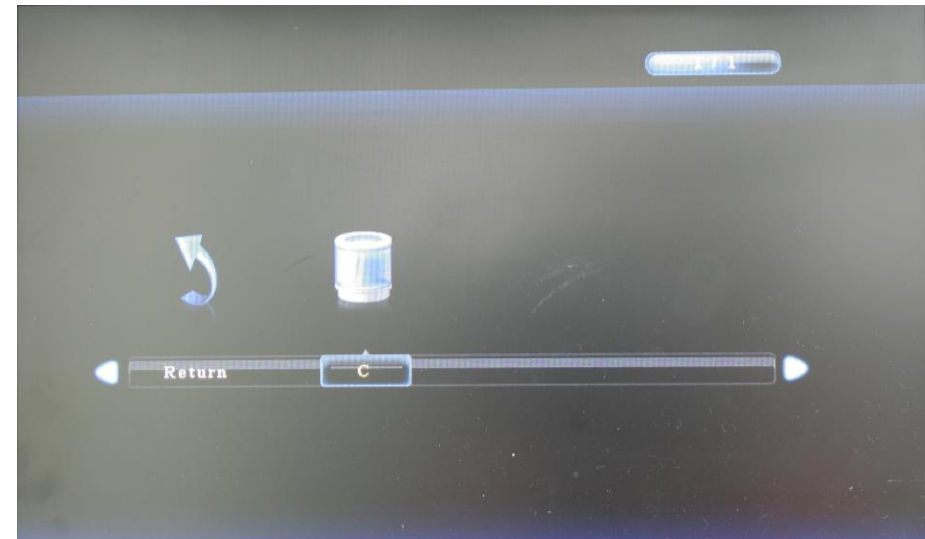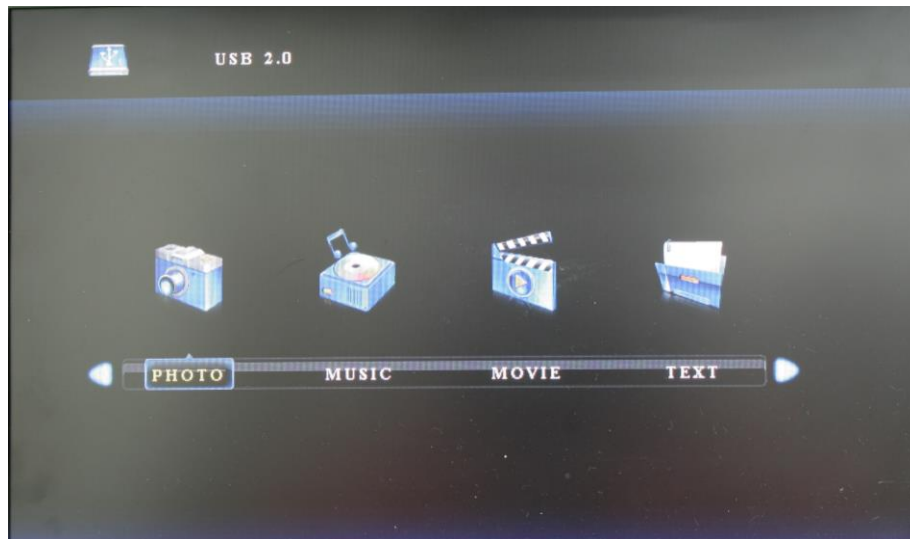
PHOTO

● Enter into PHOTO, staying on the photo for 3 seconds, will cause it to preview automatically.
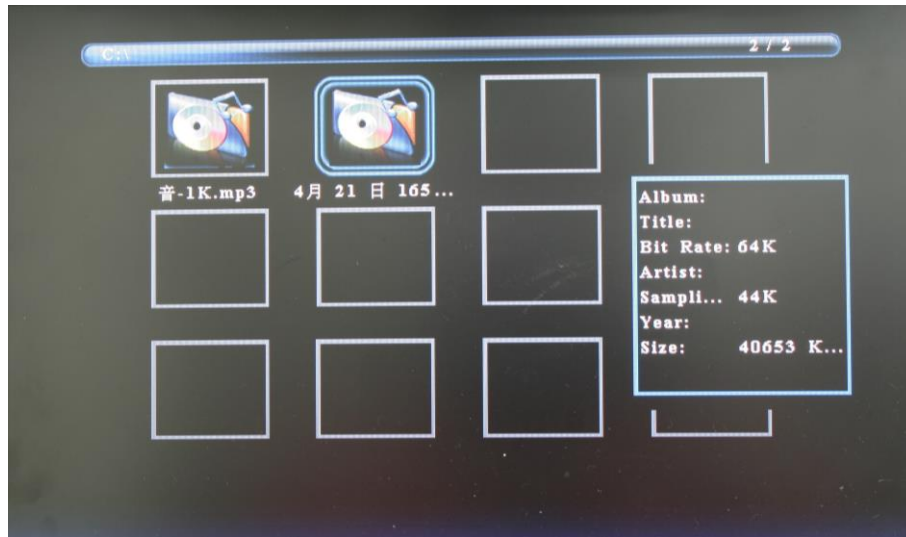
● Press ENTER button to view selected photo.

● Press PLAY button to display mode.

● Press LEFT, RIGHT, and ENTER button to operate，Press the down button to close the operating menu.

● Press STOP button to exit the display.

MUSIC

● Enter MUSIC mode, staying on the desired MP3 file for 3 seconds, will cause it to preview automatically, press ENTER button to display the wanted MP3 file.
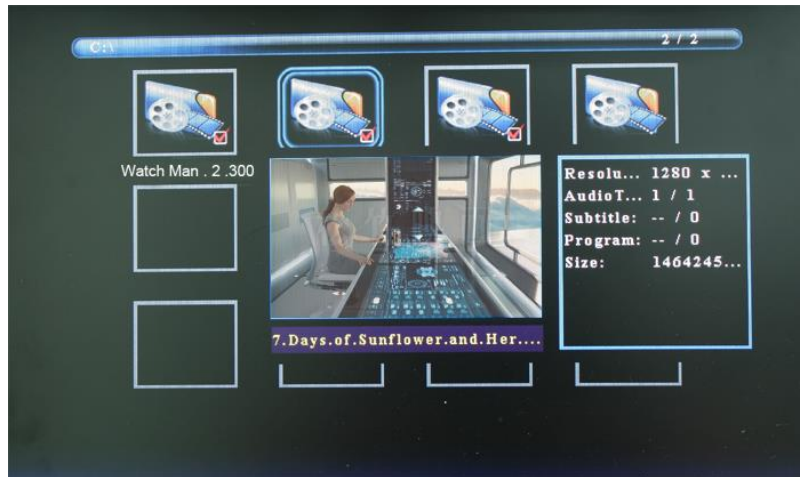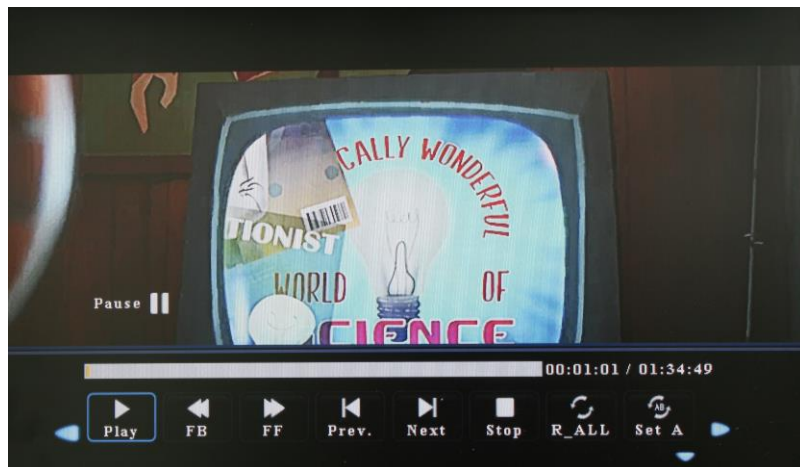
● Press PLAY button to play.

● Press Left, Right and ENTER button to operate, press the down button to close the operating menu.
● Press STOP button to stop playing.

MOVIE

● Enter MOVIE mode, staying on the desired movie file for 3 seconds, will cause it to preview automatically.
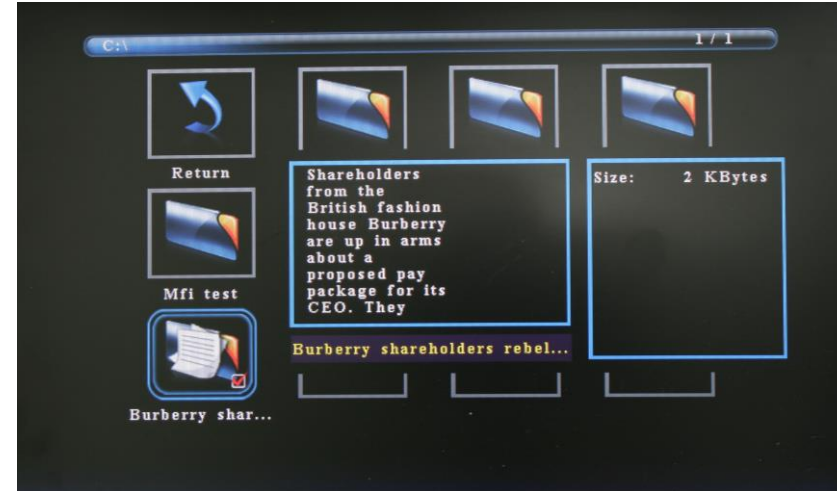

● Press PLAY button to play.


● Press ENTER button to play the wanted movie.

● Press Left, Right, and ENTER button to operate, press down button can close the operating menu.
● Press STOP the button to stop playing

TEXT

● Enter TEXT mode, staying on the desired file for 3 seconds, will cause it to preview automatically.

● Press ENTER button to choose the desired file.

● Press PLAY button to enter the display mode.

● Press STOP button to stop the display.
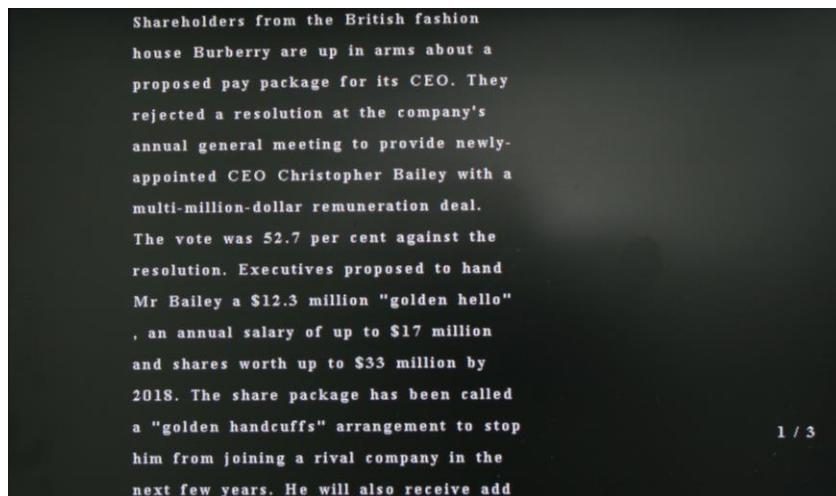
MENU OPERATION

● Press MEMU button to open OSD menu, press again to close the OSD menu.

● Use Left and Right button to choose desire category.

● Move button up and down to choose the function of the category, then press ENTER or PLAY button to open the submenu.

SUBMENU OPERATING

● Move up and down to choose the item to adjust, move left and right to adjust.

● Press MENU button to return to the upper level of list.

PICTURE OPERATION
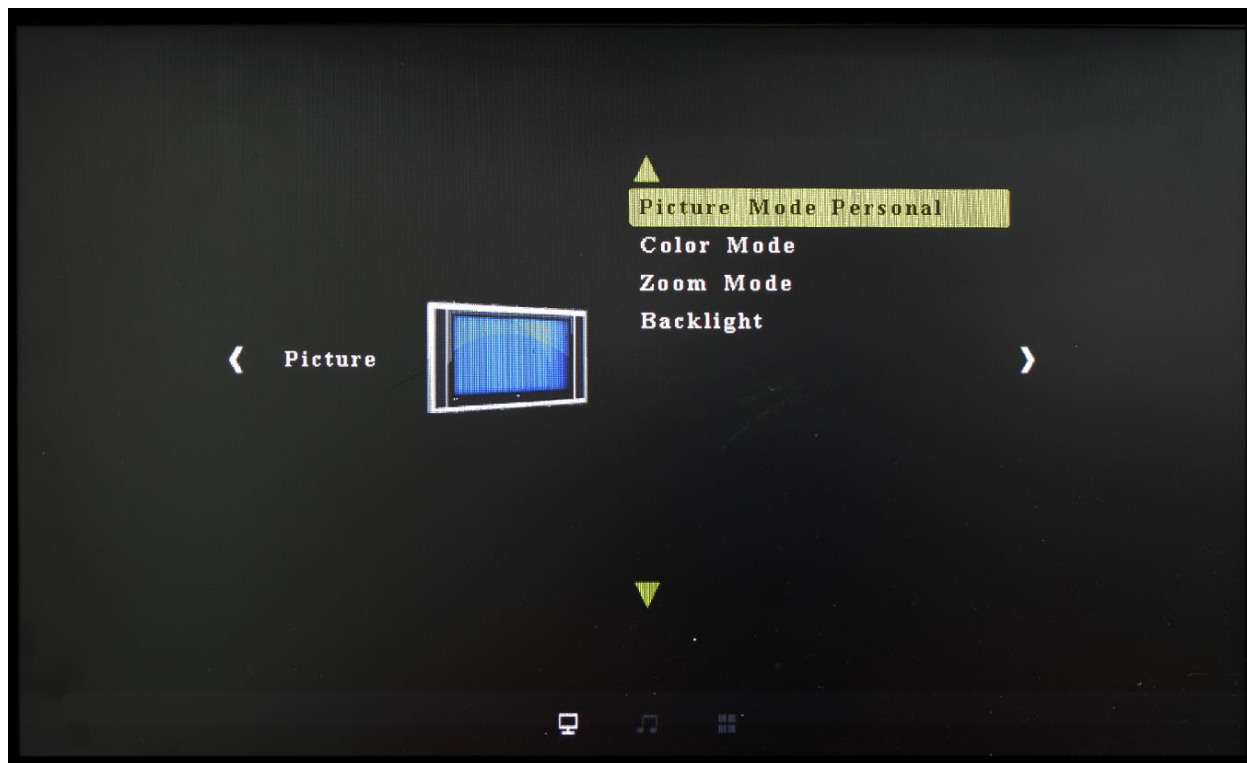
Picture Mode Personal

● Choose display mode, including **Standard**, **Dynamic**, **Soft** and **personal**.

```
            ▲
◄   Picture Mode Personal   ►
         Contrast 50
         Brightness 50
         Sharpness 50
           Tint 50
          Color 50




           MENU
            ▼
```

Color Mode

● Color temperature mode select, including **Cool**, **Normal** and **Warm**.

```
            ▲
◄    Color Mode  Normal    ►






           MENU
            ▼
```

Zoom Mode

● **Normal**

Preserves the content's original aspect ratio. Since the 4:3 aspect ratio is not large enough to fill the screen, black bars are added to the left and right of the display image.

● **Wide**

If the source content aspect ratio is 4:3 this setting will expand the display image to fill the screen.

● **Panorama**

Panorama expands the display image to fill the screen. Images may appear wider than intended. If you are watching widescreen content, black bars will still appear on the top and bottom of the display image. This option is only available when the screen is displaying a 480i/480p source.

● **Auto**
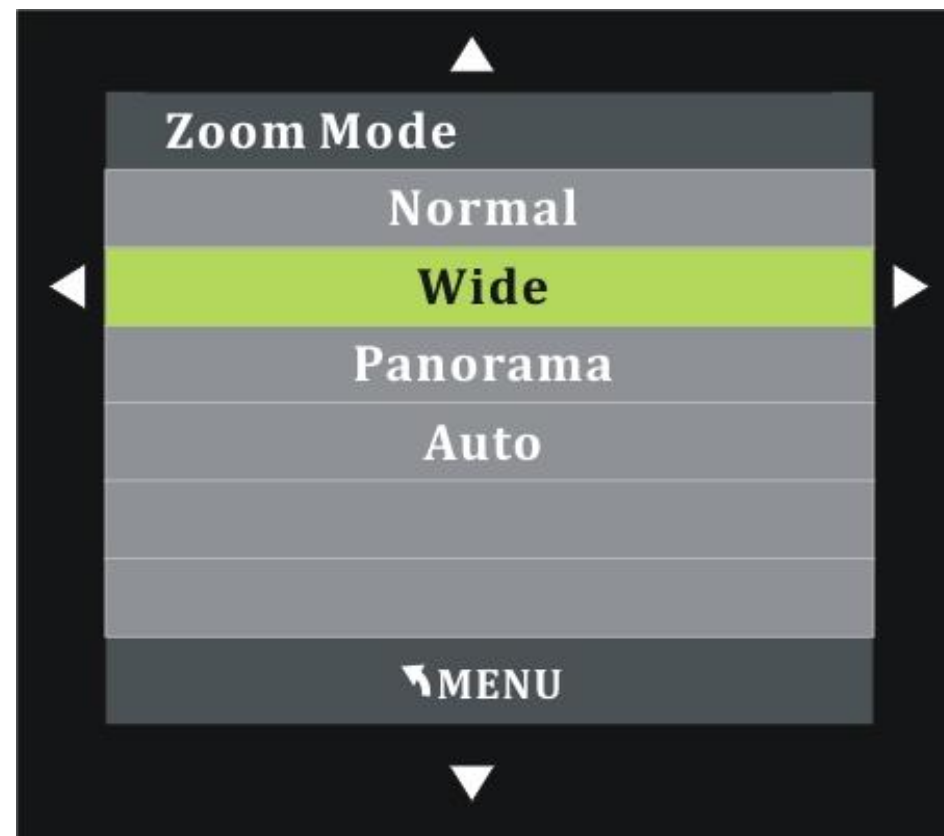
Backlight

● Adjustment Backlight range 0~100, default is 80.

Equalizer Personal

● Equalizer mode includes **Standard**, **Music**, **Movie**, **Sports** and **Personal**.

```
         ▲
◄  Equalizer      Personal  ►
         120 Hz 50
         500 Hz 50
         1.5 KHz 50
         5 KHz 50
         10 KHz 50
         Blance 50
         ◥MENU
         ▼
```
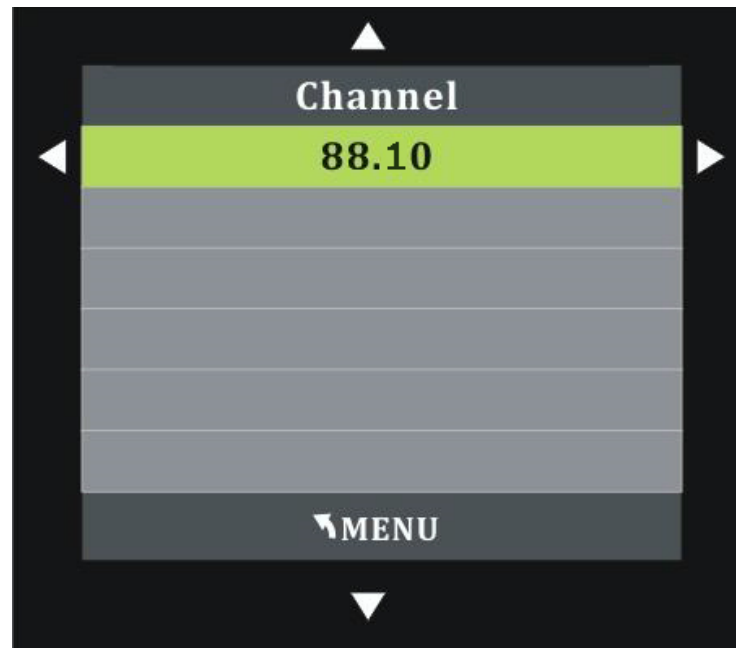
Channel

● Setting FM channel frequency from 88.1Mhz to 107.9Mhz.

```
         ▲
         Channel
◄        88.10            ►



         ◥MENU
         ▼
```

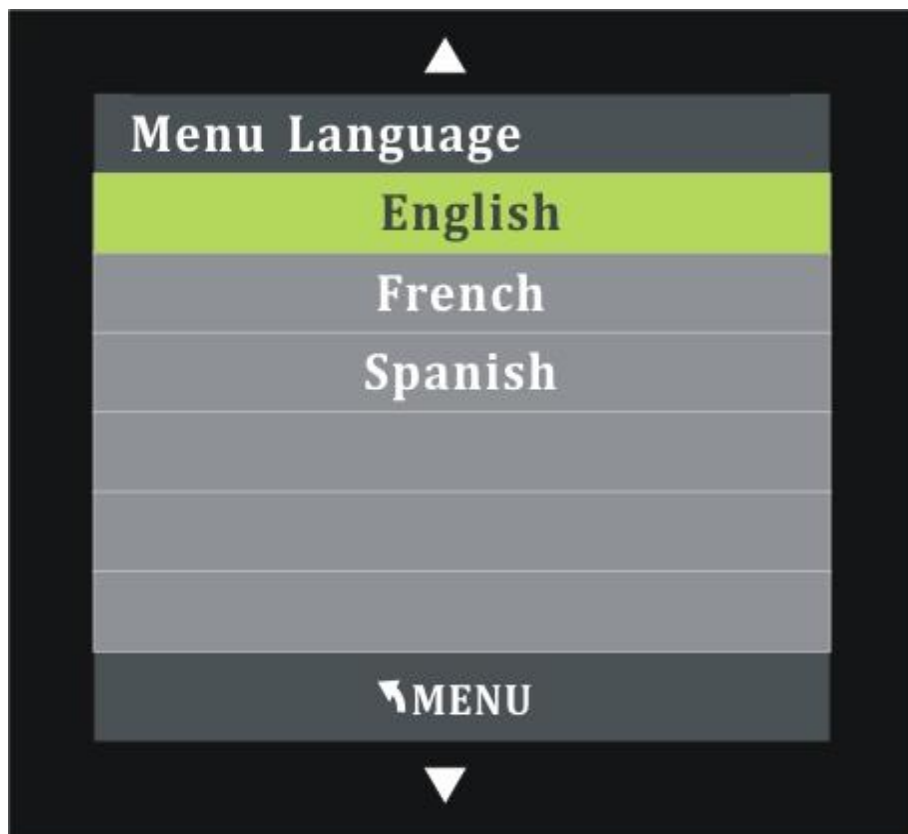## AVC

On : AVC On.
Off : AVC Off.

Audio Output ON /OFF

On: Turns On FM Transmitter.
Off: Turns Off FM Transmitter.

SETUP OPERATION

Menu Language

● Changing the On-Screen Menu Language. There are **English**, **French** and **Spanish** languages.
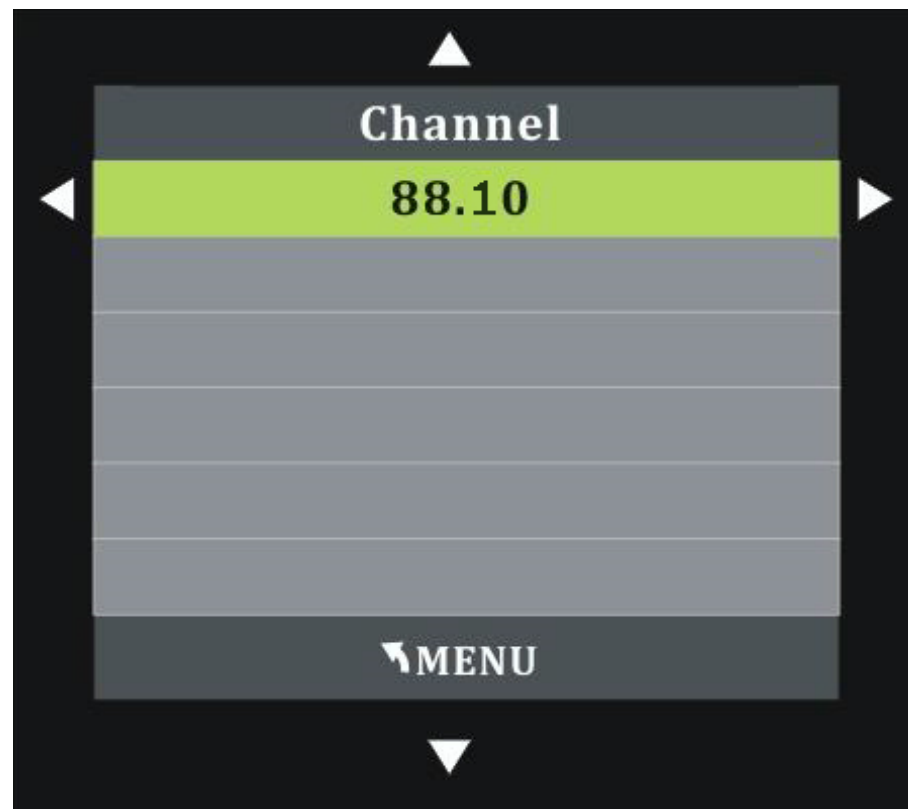
Transparent

● Setting Transparent mode, including **0%**, **25%**, **50%**, **75%** and **100%**.

Restore Default

● Restore its factory default settings.

Software Update (USB)

● Update the software by USB port.

ADJUST DVD SETUP MENU

This chapter describes how to set and how to adjust using the on-screen SETUP menu.

● Press the SETUP button to display the SETUP menu on the display screen.

● Select the main item via the up / down key to select item, the right key will take you into next submenu, the left key is return to parent menu and the enter key is setting the final submenu item in DVD SETUP MENU.

● To exit setup menu, press SETUP button on the remote again.
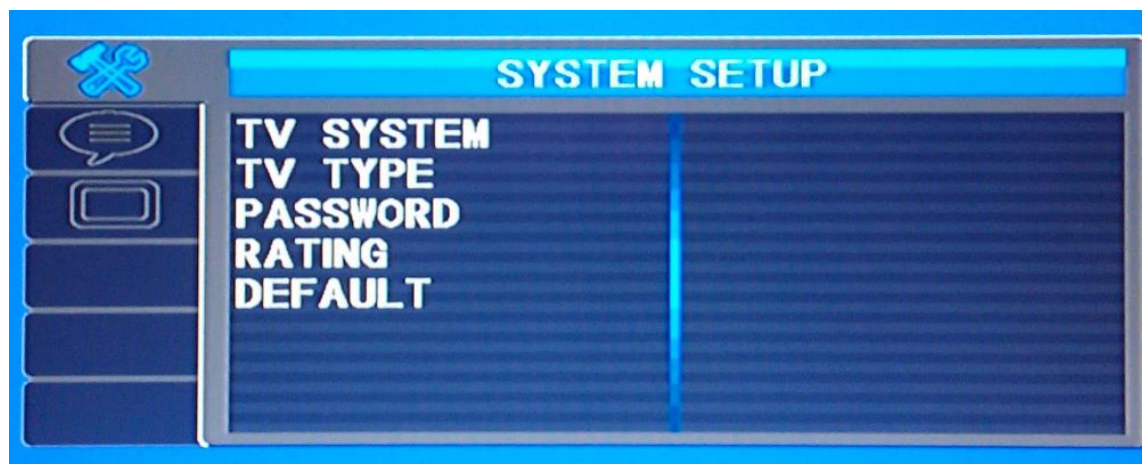
● **TV System (NTSC, PAL, AUTO)**

When the video output is set to PAL or NTSC system, the DVD player will convert the disc content to the selected system if it is different.
When the video output is set to AUTO, the DVD player will not perform system conversion. The AUTO mode is only to be used if your TV supports both NTSC and PAL systems.

● **TV Type (4:3 PS, 4:3LB, 16:9)**

● **Password**

Input a 4 digit password using the numeric buttons then press the Enter button. The password is to lock or un-clock the RATING setting. The default password is '0000'.
The PASSWORD allows you to change the parental control password when it is un-lock.

● **Rating (KID SAFE, G, PG, PG13m PG-R,R,NC-17, ADULT)**

To set ratings in order to prevent minors from watching inappropriate content. This function requires that the disc being properly rated and encoded.
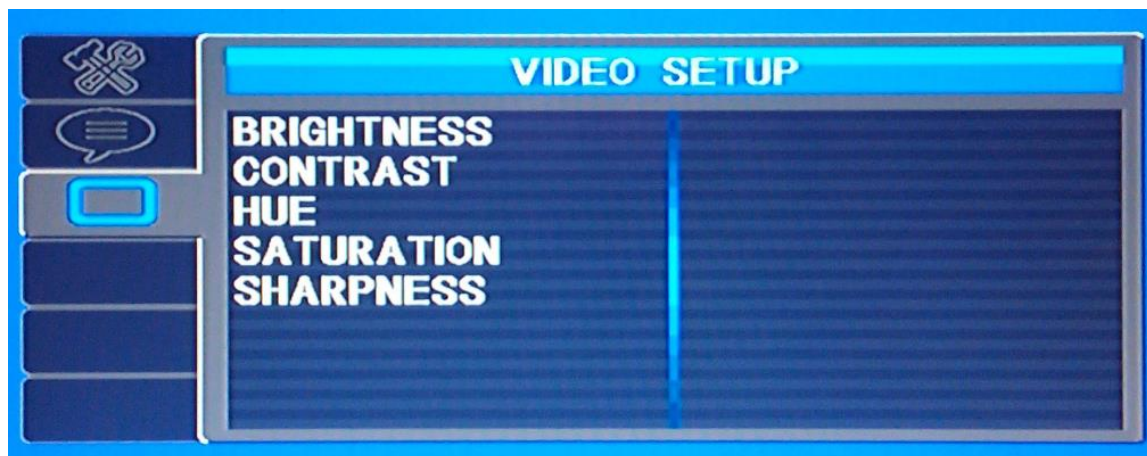
● **Default**

To reset all settings to the factory default settings. The password and rating control will not be reset.

LANGUAGE SETUP

The LANGUAGE SETUP MENU allows the user to select the **OSD Language**, **Audio Language**, **Subtitle Language**, **Menu Language**,

VIDEO SETUP MENU

● **Brightness**

To adjust the brightness (black level) of the video output.

● **Contrast**

To adjust the contrast (white level) of the video output.

● **Hue**

To adjust the hue (tint) of the video output.

● **Saturation**

To adjust the saturation (color intensity level) of the video output.

● **Sharpness**
To set the sharpness of video output.
The default is level 0. Level 0 turns off sharpness enhancement.

WIRELESS IR HEADPHONE TRANSMITTER

● This monitor includes a built in Wireless IR transmitter, for use with

● Myron & Davis wireless headphones (Part number: AE51).

The volume can be adjusted using the controls on each headset

The wireless headphones must be used within a line of sight from

the transmitter, as infrared transmissions like visible light travel only in a straight line.

⚠ Over Temperature

Screen will show Over Temperature warning, then please turn on air conditioner to cool down the ambient temperature inside the car If interior ambient temperature exceeds 0℃ ～ 65℃ (32℉ ～ 149℉), the system will auto shut down to perform over temperature protection, the system will be shut down, then adjust the air-conditioning or heating until the temperature so that the car back to normal temperature 0℃ ～ 65℃ (32℉ ～ 149℉), the machine will automatically resume started.

Software Update (USB)

● Copy the update file to USB thumb driver.

● Opening setup menu and select **Software Update (USB)** item.
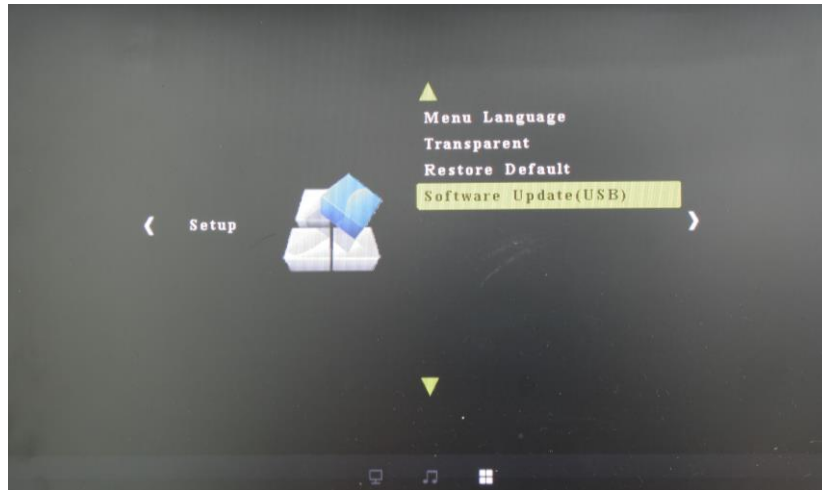
● When the update is finished, the unit will reboot automatically.

● Restore default after update is finished.
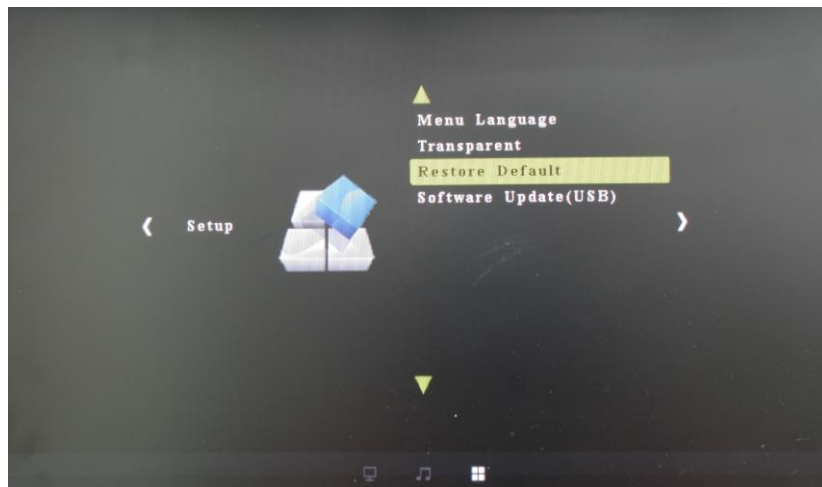
● Checking for update and choose "yes".

LIMITED ONE-YEAR WARRANTY (NON-TRANSFERABLE)

Myron & Davis warrants to the original purchaser a non- transferable warranty to repair or replace, free of charge, the video product(s) in materials and workmanship under normal use and conditions for a period of one (1) year from date of purchase.

Limited warranty excludes:

● Labor cost for removal, reinstallation, and trouble shooting of the video product(s).

● Damage to DVD discs, CDs, videotapes, accessories, or vehicle electrical parts.

● Damage due to improper installation, modification of existing equipment, abuse, neglect, or improper service.

● Damage due to accidents, fire, theft or vandalism.

TROUBLE SHOOTING

PROBLEM	SOLUTION
Poor in vehicle radio reception	✦ Check the condition of the vehicle's radio antenna. ✦ Verify that the antenna is fully raised. ✦ Try to change the FM modulators frequency from the OSD menu.
IR sensor inoperative	✦ Verify that the batteries in the remote are fresh ✦ Verify that the remote sensor eye is not obstructed.
Disc won't play	✦ Insert a disc with the label side facing up. ✦ Check the type of disc you put into disc tray. This DVD only plays DVD's, audio CDs and MP3s. ✦ Both the unit and the disc are coded by region. If the regional code doesn't match, the disc can't be played. This DVD player is Region Number 1
Play starts, but then stops immediately	✦ The disc is dirty. Clean it. ✦ Condensation has formed. Allow player to dry out.

PROBLEM	SOLUTION
No sound or distorted sound	✦ Make sure your DVD player is connected properly. Make sure all cables are securely inserted into the appropriate jacks. ✦ If you are using the IR headphones, make sure you turn on the IR power. ✦ Make sure Modulator's frequency has been proper selected.
Can't advance through a movie	✦ You can't advance through the opening credits and warning information that appears at the beginning of movies because the disc is programmed to prohibit that action.
Invalid key appears on screen	✦ The feature or action can't be completed at this time because: 1. The disc's software restricts it. 2. The disc's software doesn't support the feature. 3. The feature is not available at the moment. 4. You've requested a title or chapter number that is out of range.

PROBLEM	SOLUTION
Picture is distorted	✦ The disc might be damaged. Try another disc. ✦ It is normal for some distortion to appear during forward or reverse scan.
No forward or reverse scan	✦ Some discs have sections that prohibit rapid scanning or title and chapter skip. ✦ If you try to skip through the warning information and credits at the beginning of a movie, you won't be able to. This part of the movie is often programmed to prohibit skipping through it.

The Equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

    -- Reorient or relocate the receiving antenna.
    -- Increase the separation between the equipment and receiver.
    -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
    -- Consult the dealer or an experienced radio/TV technician for help.

The user should not modify or change this equipment without written approval
From Myron & Davis. Modification could void authority to use this equipment.

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) this device may not cause harmful interference and

2) this device must accept any interference received, including interference that may cause undesired operation of the device.

NOTES

_____

_____

_____

_____

_____

_____

_____

_____