

**Interactive**

# **MEDIA PLAYER**

**USER GUIDE (BOX)**

**Version 1.0**

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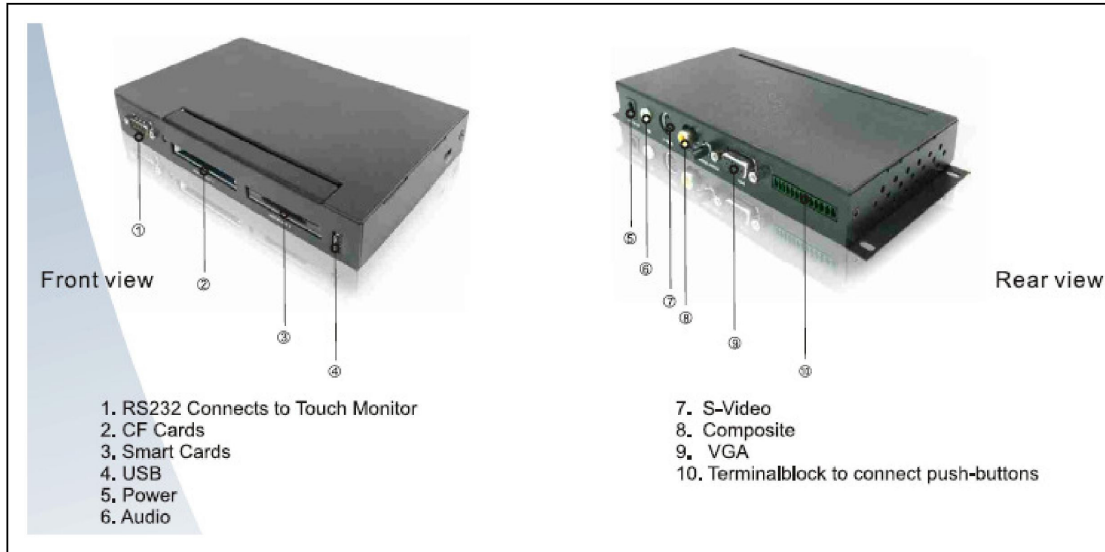
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# INTRODUCTION

## 1.1. About the Product

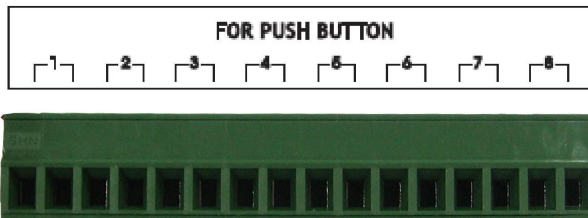
The new Interactive Media Player enhances your media presentation or advertising to be more attractive and brings the immediate enjoyment and entertainment to your life. It features RS232 interface for touchscreen communication and a 16 pin terminal block for plug&play push button control. The compact, dual slot design allows Compact Flash\*1 or IBM Micro drive to work concurrently with the Smart Media, Memory Stick, and Multimedia Card/Secure Digital card. The USB port allows USB 2.0 High-Speed fast media copy.

Currently it only supports ELO and Premier Touchscreen, so please make sure you use touchscreen from those two manufacturers. Please contact us if you need touchscreen support from other manufacturers.



## Pin Assignment of Terminal Block

Interactive Media Player features a 16 pin terminal block for programmable button control. You will find a female 16 pin terminal block from accessories. From left to right of the terminal block, pin 1 & 2 is for Button 1, pin 3 & 4 is for Button2....and so on. The maximum of 8 buttons are available for this Interactive Media Player.



The Compact Flash card must be Removable Type.

## Hardware Installation

**Step1. Connect RS232 cable to MPC300BT and connect another end to touch monitor**



**Step2. Connect output cable (for instance: VGA) to MPC300BT and connect another end to touch monitor**



**Step3. Plug in terminal block**



**Step 4. Connect power cable of Interactive Media Player and touch monitor, then the hardware installation is done.**

◆ Tips: start the touch calibration program from remote control in the first time you connect to a touch monitor

## 1.2. Features

### Media player feature:

◆ Playable Format: MPEG1/2/4, JPEG, MP3

Type	Support Format
Picture	<b>JPEG</b> Baseline JPEG: maximum resolution is 5120*3840 Progressive JPEG: maximum resolution is 2048*1536
	<b>MPEG1-Audio-Layer1</b>
Audio	<b>MPEG1-Audio-Layer2</b>
	<b>MPEG1-Audio-Layer3 (MP3)</b>
Video	<b>MPEG1 (*.mpg, *.dat)</b>

Type	MPEG2 (*.vob, *.mpg)	
Picture	<b>Support Format</b>	
	<b>Video Data rate</b>	1.0-10.0 Mbit/sec
	<b>VGA*2 (MPC200 only)</b>	640*480 60Hz
	<b>USB</b>	Supports USB 2.0
	<b>NTSC</b>	720*480 or 704*480 ; 29.97fps interlaced
	<b>PAL</b>	720*576 or 704*576 ; 25fps interlaced
	<b>Audio</b>	MPEG1-Audio-Layer1 MPEG1-Audio-Layer2 MPEG1-Audio-Layer3 (MP3) <b>Note : The AC3 AAC-audio support is optional. When it is not enabled, this media player will only play video (no sounds) of the DVD (*.vob) or MPEG2 file contains AC3/AAC-audio. Besides, We strongly suggest you use CF card as media storage when playback MPEG2 video.</b>
	<b>MPEG4</b>	<b>DivX3.11/4.x/5.x (*.avi) Xvid MPEG4 MS MPEG4 V2/V3(*.avi)</b>

**Note:** We attached "How to get codec Information" in manual CD for your reference.

- Storage Capacity: Compact Flash card, IBM Micro Drive, SM/ MMC/ SD/ MS card, USB Flash drive
- Playback Functions: Play, Stop, Pause, Repeat, Previous/Next Track, Mute, Rotate, Interval Time, Play List and Media Classification
- Audio: Stereo output 2W
- Environmental: Operating temperature: 0 C to 50 C; Relative humidity: 5%-95%, non-condensing

### 1.3. Notice

- Do not use abrasive cleaners, waxes or solvents for cleaning, use only a dry or damp, soft cloth.
- Use only with a high quality, safety-approved, AC/DC power adapter.

### 1.4. Check List

Before using this media player, please make sure that all the items listed below are present in your package

Accessory	Quantity
Media Player unit	1
DC Adapter	1
AV-RCA Cable	1

<sup>2</sup> You can switch between Video and VGA output by pressing the latch switch next to VGA connector. Note that you must reboot the MPC device after output switch.

S-Video Cable	1
Audio Cable	1
Female 16 pin terminal block	1
Remote Control with 3V battery	1
User Manual CD	1

If any item is missed or damaged, please contact your dealer immediately.



## 2. Playing System

### 2.1. Install Battery in the Remote Control

Insert 2 AAA battery and match the (+) and (-) on battery to the marks inside the battery compartment.

#### Service life of battery:

1. The battery normally last for about one year although this depends on how often and for what operations the remote control is used.
2. If the remote control unit fails to work even then it's operated near the player, please replace the battery.

Use 2 AAA 1.5V battery.

### 2.3. To Insert Cards

Push the card slide or UBS Flash drive into Media Player connector.

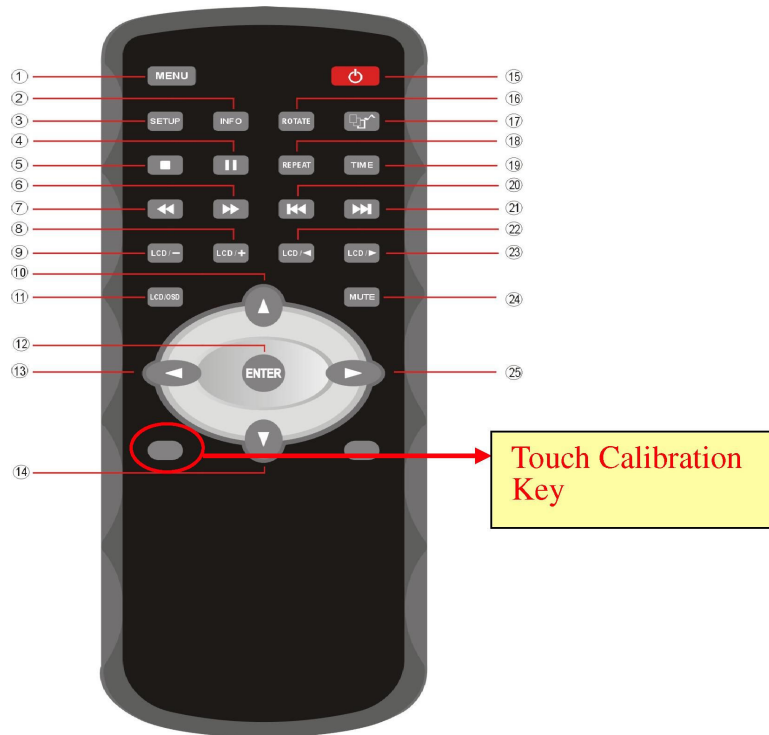
This Media Player supports 7 types of flash memory:

- Compact Flash Card (CF)
- Smart Media Card (SM)
- Memory Stick (MS)
- USB Flash drive
- Secure Digital Card (SD)
- Multi-Media Card (MMC)
- IBM Micro Drive

Make sure that the card or USB Flash drive clicks into card slot properly. If the card has one or more kinds of data recorded on it, a menu screen will appear on the screen.



## 2.4. Remote controller pad Instruction



1	MENU	To select the media player menu options
2	INFORMATION/ FOLDER MENU	To view information of the Photo/Music/Video To call folder menu
3	MEDIA PLAYER SETUP	To enter media player setup menu
4	PAUSE/RE-START	To pause/re-start the playback
5	STOP	To stop the playback
6	F.FWD	To advance the playback
7	F.BWD	To reverse the playback
8	VOL. UP	To increase the volume
9	VOL. DOWN	To decrease the volume
10	MOVE UP	To move upward in media player menu
11	LCD OSD	To call LCD setup menu
12	PLAY/SELECT	To start playback or confirm selection in media player
13	MOVE LEFT	To move leftward in media player menu
14	MOVE DOWN	To move downward in media player menu
15	POWER ON/OFF	To switch on/off this media player
16	ROTATE	To rotate the photo
17	START SLIDE SHOW WITH MUSIC	To start photo slide show with music (under photo page)
18	REPEAT	To repeat playback
19	INTERVAL TIME	To set interval time between Photos
20	PREVIOUS PLAYBACK	To skip to previous Photo/Music/Video
21	NEXT PLAYBACK	To skip to next Photo/Music/Video
22	PREVIOUS ITEM	N/A
23	NEXT ITEM	N/A
24	MUTE	To mute while playback
25	MOVE RIGHT	To move rightward in media player menu

## 2.5 Appearance

### Background of start-up



If no media files are stored in the memory card or no memory card is inserted, the background of media player will appear to be solid black.

**Note:**

The start-up screen can be customized upon customer's request.

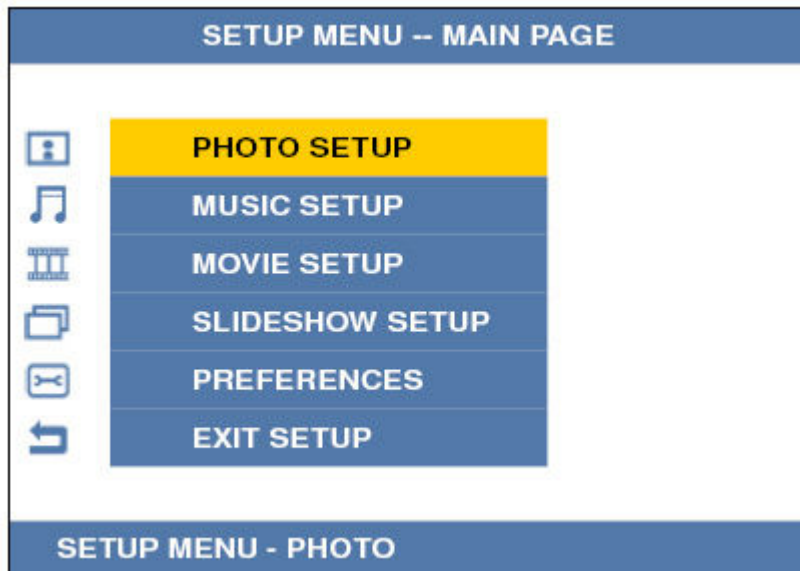
## 2.6. Operations for Media Player playback

### 2.6.1. Setup

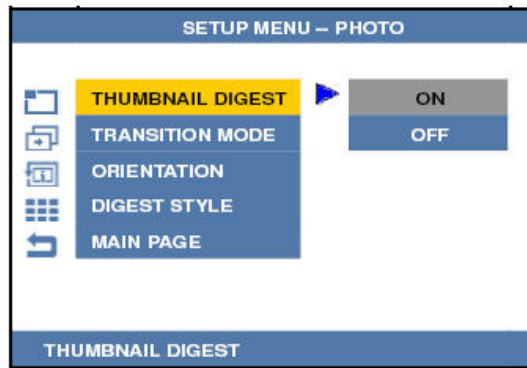
Press  to enter **SETUP MENU – MAIN PAGE** screen.

**Photo setup:**

Press   to select PHOTO SETUP and press  to enter SETUP MENU – PHOTO screen.



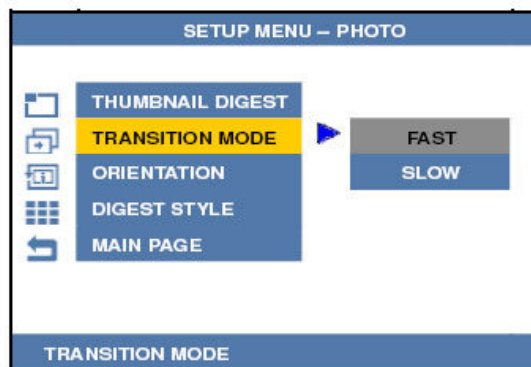
## THUMBNAIL DIGEST



press and to select thumbnail digest acceleration function and then press to implement. This function will accelerate but decrease resolution of thumbnail digest.

- **ON** is to implement thumbnail digest acceleration function (Default value)
- **OFF** is to turn off thumbnail digest acceleration function.

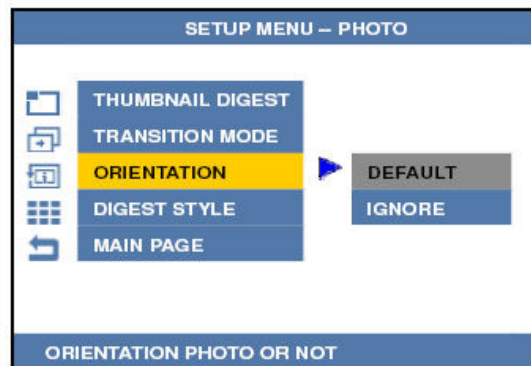
## TRANSITION MODE



press and to select transition mode and then press to implement. This function will change transition effect speed.

- **FAST** is to implement transition effect in fast speed. (Default value)
- **SLOW** is to implement transition effect in low speed.

## ORIENTATION



press and to select orientation function and then press to implement. This function will automatically rotate the pictures based on the orientation information in the Exif header (data in JPEG file).

- **DEFAULT** is to implement orientation function. (Default value)
- **IGNORE** is not to rotate the picture.

**DIGEST STYLE**

press and to select thumbnail matrix type and then press to implement.

- **2X2 Matrix** is to show thumbnail in 2x2 matrixes.
- **3X3 Matrix** is to show thumbnail in 3x3 matrixes. (Default value)
- **4X4 Matrix** is to show thumbnail in 4x4 matrixes.
- **5X5 Matrix** is to show thumbnail in 5x5 matrixes.

Press and select **MAIN PAGE**, and then press to back to **SETUP MENU – MAIN PAGE** or press to turn off **SETUP MENU** screen.

**Music setup:**

Press to select **MUSIC SETUP** and press to enter **SETUP MENU – PHOTO** screen.

**REPEAT MODE**

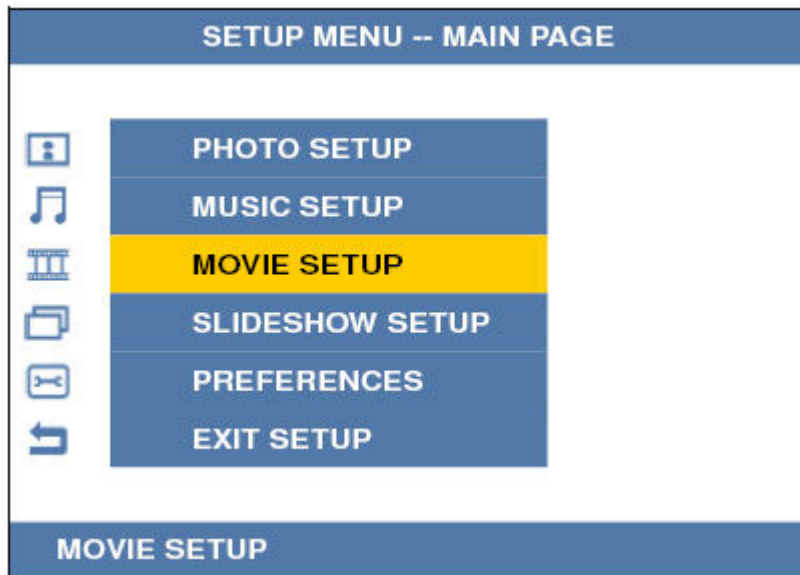
press and to select music repeat mode and then press to implement.

- **ONE** is repeat one song
- **ALL** is to repeat whole songs (Default value)
- **OFF** is to turn off repeat.

Press and select **MAIN PAGE**, and then press to back to **SETUP MENU – MAIN PAGE** or press to turn off **SETUP MENU** screen.

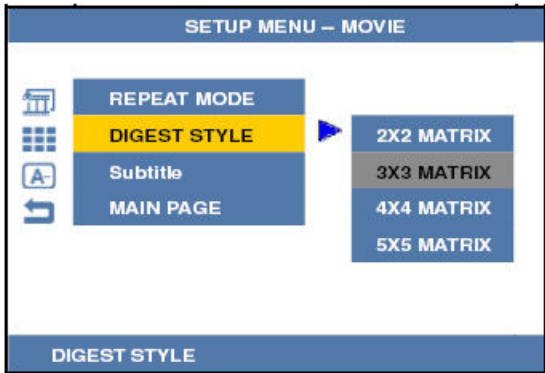
**Movie Setup:**





Press to select **MOVIE SETUP** and press to enter **SETUP MENU – MOVIE** screen.  
Then press to select preferred function.



<p><b>REPEAT MODE</b></p>		<p>press  and   to select video repeat mode and then press  to implement.</p>
<ul style="list-style-type: none"> <li>• <b>ONE</b> is to repeat one.</li> <li>• <b>ALL</b> is to repeat whole videos (Default value)</li> <li>• <b>OFF</b> is to turn off repeat.</li> </ul>		

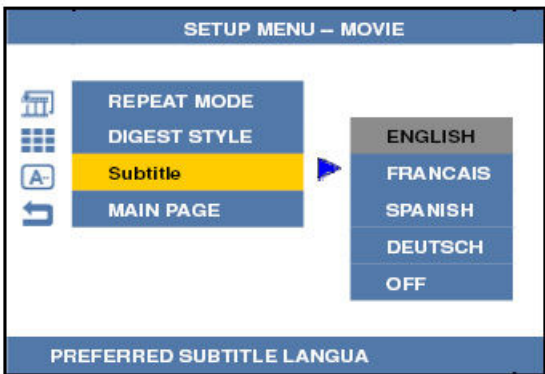
**DIGEST STYLE**







press  and   to select thumbnail matrix type and then press  to implement.




- **2X2 Matrix** is to show thumbnail in 2x2 matrixes.
- **3X3 Matrix** is to show thumbnail in 3x3 matrixes. (Default value)
- **4X4 Matrix** is to show thumbnail in 4x4 matrixes.
- **5X5 Matrix** is to show thumbnail in 5x5 matrixes.

**Subtitle**








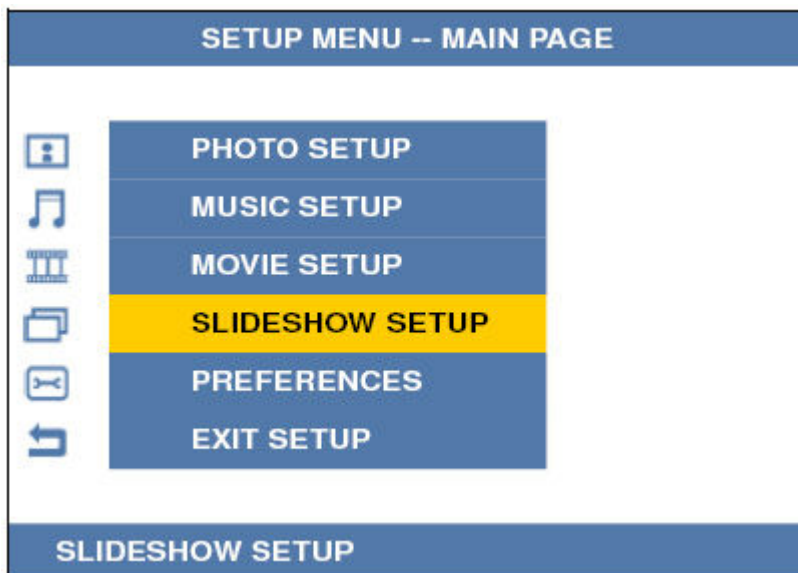
press  and   to select the subtitle's language and then press  to implement.

- This Media Player supports English (default value), Francais, Deutsch, Swedish and Spanish.

Press  and select **MAIN PAGE**, and then press  to back to **SETUP MENU - MAIN PAGE** or press  to turn off **SETUP MENU** screen.

**Slide show setup:**

Press   to select **SLIDE SHOW SETUP** and press  to enter **SETUP MENU - SLIDE SHOW** screen. Then press   to select preferred function.



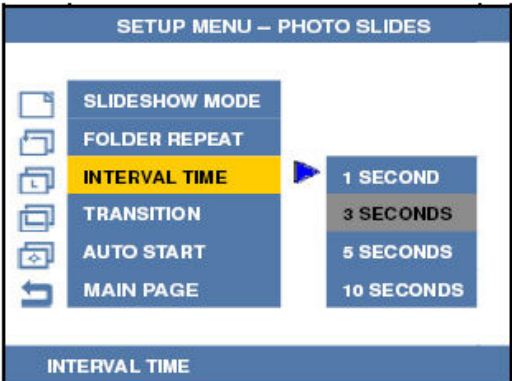
<b>SLIDESHOW MODE</b>		<p>press  and   to select slide show mode of photo and then press  to implement.</p>
-----------------------	--	--

- **MANUAL** is to display next photo by pressing or
- **AUTO** is to display next photo automatically. (Default value)

<b>FOLDER REPEAT</b>		<p>press  and   to select folder repeat mode and then press  to implement.</p>
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- **ON** is to repeat photos of whole folder (Default value)
- **OFF** is to turn off repeat.

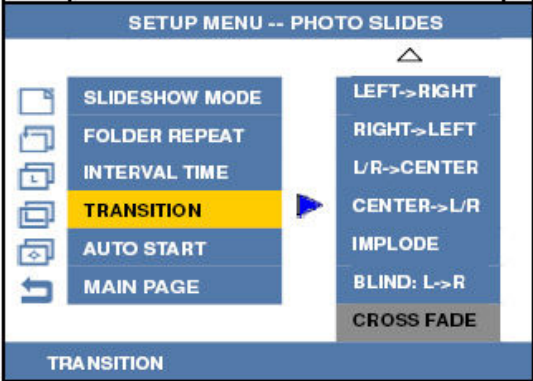
**INTERVAL TIME**



press and to select interval time between photos and then press to implement.

- There are four modes to select: 1 / 3 (Default value) / 5 / 10 seconds.

**TRANSITION**



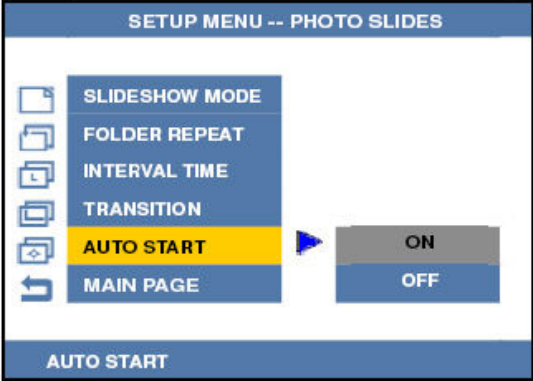
press and to select special effect of photo transition and then press to implement.

- There are 13 modes to select.

FULL SCREEN	TOP -> BOTTOM	T/B -> CENTER	CENTER -> T/B
BLIND: T -> B	LEFT -> RIGHT	RIGHT -> LEFT	L/R -> CENTER
IMplode	BLIND: L -> R	CROSS FADE	RANDOM

- Default is **CROSS FADE**

**AUTO START**



press and to select slide show auto start and then press to implement.

- **ON** is to start slide show automatically after turning on power. The default is auto start on. (Default value)
- **OFF** is to turn off slide show auto start.

**Note:**

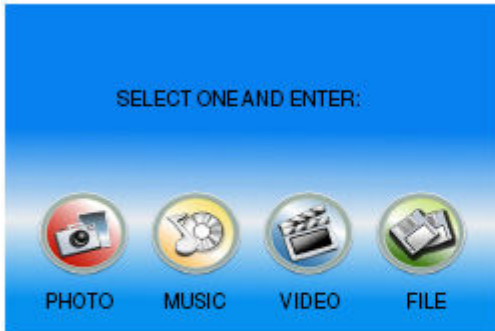
Play list is compiled by the sequence of the file names in the memory card (types of file do not influence the sequence). Please modify the file names to the sequence to meet you need. A sample play list as below table:

Auto Play Sequence of Memory Card	USB	CF / Micro Drive	SD / MMC / MS	SM
Files in Memory Card	01_XXXXX 02_XXXXX 03_XXXXX	01_XXXXX 02_XXXXX 03_XXXXX	01_XXXXX 02_XXXXX 03_XXXXX	01_XXXXX 02_XXXXX 03_XXXXX

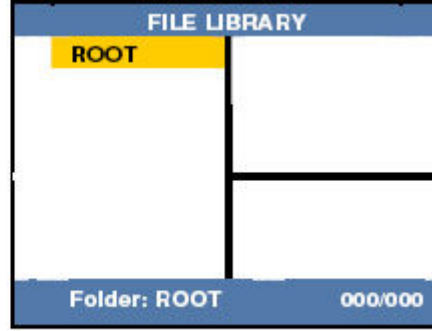
Press and select **MAIN PAGE**, and then press to back to **SETUP MENU – MAIN PAGE** or press to turn off **SETUP MENU** screen.

**Preferences setup:**

Press the stop the playback and press to back to menu OSD and press to enter FILE LIBRARY.



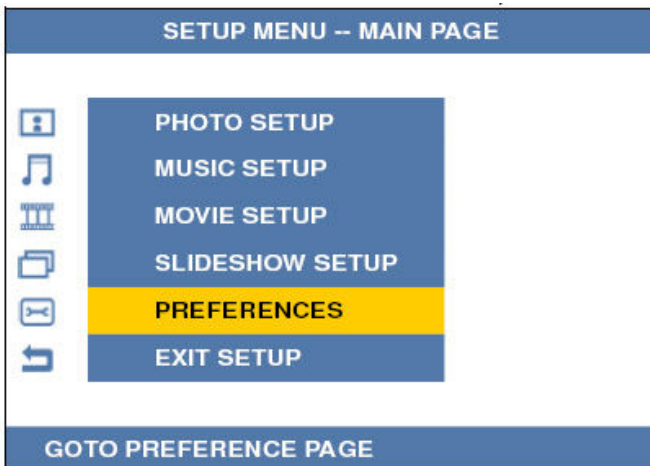
MENU OSD page




FILE LIBRARY page

**Slide show setup:**

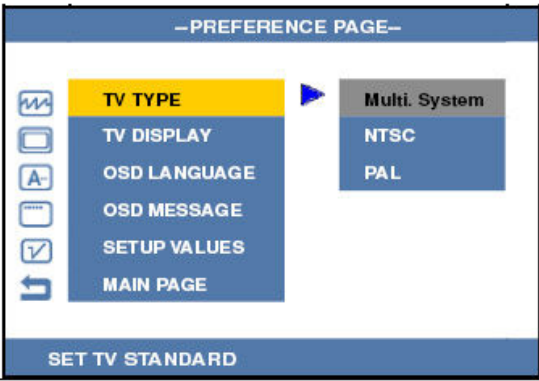
Then Press and Press to select PREFERENCE and press to enter PREFERENCE PAGE --screen. Then press to select preferred function.






**Note:**

PREFERENCES setup function is available when pressing  under "MENU OSD" page or "FILE LIBRARY" page.

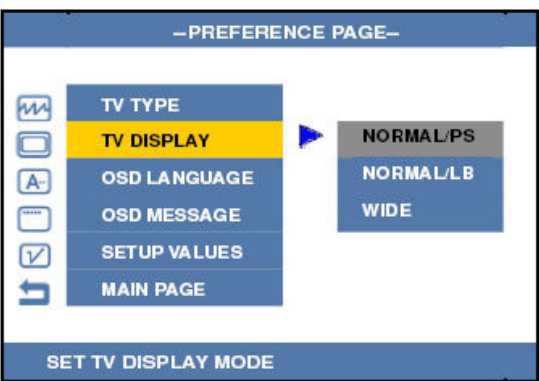
**TV TYPE**






press  and  to select television type and then press  to implement.

- This Media player supports NTSC, PAL and MULTI. SYSTEM(default value).

**TV DISPLAY**

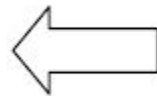


Press  and  to select television display and then press  to implement.

- This Media player supports 3 modes: NORMAL/PS, NORMAL/LB, and WIDE.

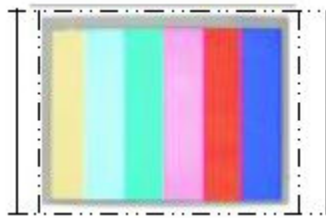
**Note:** The default mode of a normal (4:3) display is NORMAL/LB. The default mode of a wide-screen (16:9) display is WIDE.

**16:9 video in a 4:3 display in NORMAL/LB mode**



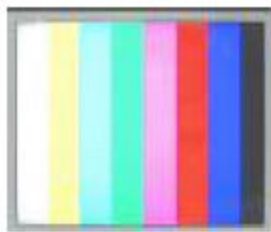
NORMAL/LB mode leaves the top and the bottom black to remain the original ratio of 16:9 video.

### 16:9 video in a 4:3 display in NORMAL/PS mode



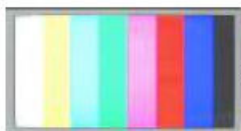
NORMAL/PS mode crops the left and right side of image to eliminate the black stripes. The image will remain the original ratio

### 16:9 video in a 4:3 display in WIDE mode



WIDE mode lengthens the video image to eliminate the black stripes. The image will not remain the original ratio

The best display result is playing a 16:9 video in a 16:9 display in WIDE mode, the result will like the picture below:



WIDE mode displays video in full screen.

**OSD LANGUAGE**

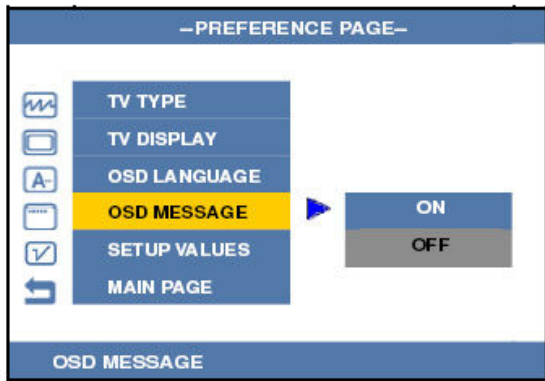
- PREFERENCE PAGE -	
TV TYPE	
TV DISPLAY	
<b>OSD LANGUAGE</b>	<b>ENGLISH</b>
OSD MESSAGE	FRANCAIS
SETUP VALUES	DEUTSCH
MAIN PAGE	Swedish
	SPANISH




press and to select preferred language and then press to implement.

SET OSD LANGUAGE

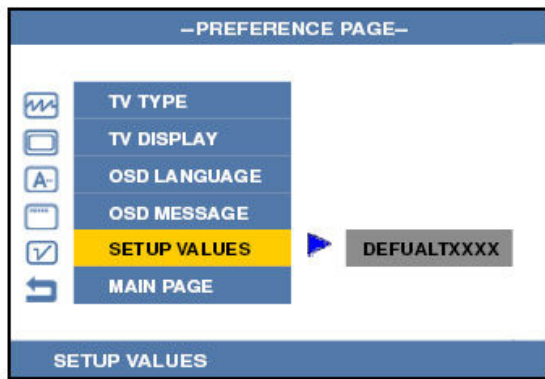
• This Media Player supports English (default value), Francais, Deutsch, Swedish and Spanish.



**OSD MESSAGE**






press  and  to select OSD message on or off (default value) while playback and then press  to implement.

**SETUP VALUES**




You may re-set the previous settings in custom setup to the default setting. Press  and  to reset all custom preferences.  
*Note: XXXX is version*

Press  and select **MAIN PAGE**, and then press  to back to **SETUP MENU – MAIN PAGE** or press  to turn off **SETUP MENU** screen.

**Exit setup:**

Press  to select EXIT SETUP and press  or press  to turn off SETUP MENU Scree.

**2.6.2. Menu Select**

Press  and menu screen will appear.

Press  to select card if multi cards inserted.

Press  to select PHOTO/MUSIC/VIDEO/FILE page and press  to enter.


**Note:**

No matter on what kind of screen, press  will stop playback and return to the root menu screen.

If no card inserted, the display will appear "NO MEDIA DETECTED". When  appears while a button is being operated, it means that correspond operation is prohibited by the Media Player.

### 2.6.3. Playback

On PHOTO/MUSIC/VIDEO/FILE page, press     to select preferred data and then

Press  to start playback.

**Note:**

 is defined as enter key.



\_ On PHOTO page, press  will start playback of photo with music if MP3 data contented in card.

\_ When playing video, press  will play the video frame one at a time.(optional function)

\_ Adjust the volume: using the remote control or OSD board button -/+.

This Media player supports only JPEG-PHOTO, MP3-MUSIC and MPEG1, 2, 4-VIDEO format.

### 2.6.4. Pause



Press  once during playback to pause the slide show/music/video. To return to normal playback just need to press .

**Note:** Pause key is defined as Play/ Pause key which toggle between those two functions.

### 2.6.5. Stop

 Press to stop playback.

**Note:**

When slide show playing, press  and the Media player will bookmark this stopping point of these photos contented in the card. Press  will start playback from the last stopping point.

### 2.6.6. Mute the Media Player

Press  button during playback.

When "MUTE" appears on the screen, this Media player is mute. To resume the sound, press the mute button until "MUTE OFF" appears on the screen.



### 2.6.7. Next or Previous

On PHOTO/MUSIC/VIDEO/FILE page, press  /  for switch to next/previous page.

When playing photo slide show/music/video, press  OR  will switch to next item and press  OR  will switch to previous item.

### 2.6.8. Rapid Advance or Reverse

Press  OR  during playback.

Press  OR  to resume normal playback.

### 2.6.9. Information

Under PHOTO/MUSIC/VIDEO page, press  to display the information of the playback.

Photo information: file name, file size, resolution and date

Music information: elapsed time, file name, artist, total time, format of music type and equalizer.

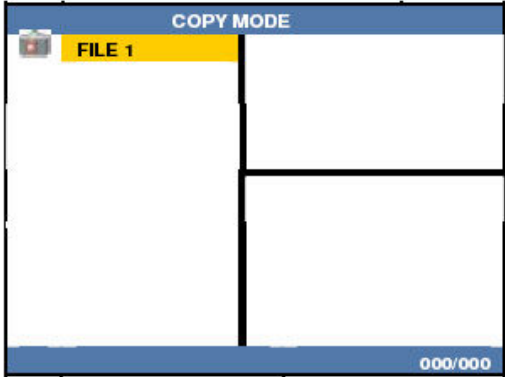
Video information: elapsed time, file name, file size, total time, file created date.




### 2.6.10. File Modification





Under FILE page, press  and a dialog with modification will pop up on the screen.






**COPY**







Press   to select COPY and then press  to enter COPY MODE.




Press   to select media file and press  to confirm copy. (Pressing  can move target right to memory card column and

press   to change objective memory card or sub-folder.) Press  to exit COPY MODE.


**DELETE**

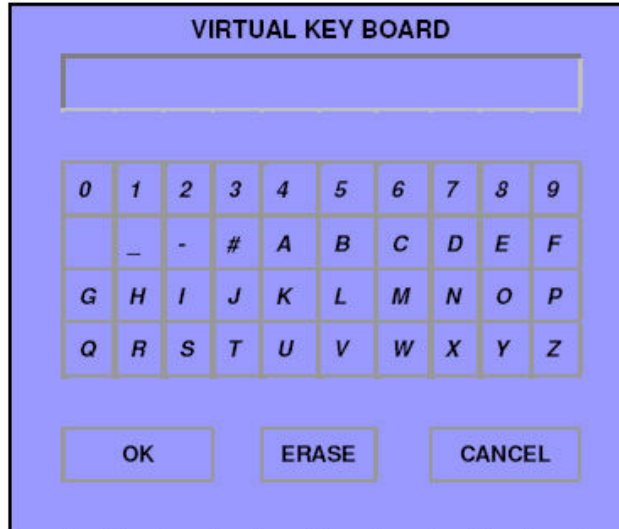
Press   to select DELETE and then press . Select YES and press  to confirm delete.

## RENAME

Press   to select DELETE and then press  to enter VIRTUAL KEYBOARD.

Press     and  to key-in preferred file name.

Select  and press  to finish rename.



## NEW FOLDER

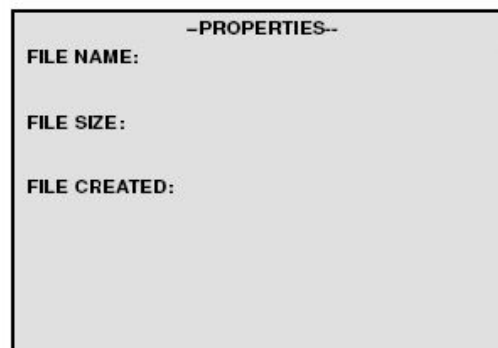
Press   to select NEW FOLDER and then press  to enter VIRTUAL KEYBOARD.

Press     and  to key-in preferred folder name.

Select  and press  to finish naming new folder.

## PROPERTIES

(Details of media file)



Press   to select PROPERTIES and then press  to show details of this media file.


Press  to exit PROPERTIES.

### 2.6.11. Rotate

When playing playback of photo, press  once to rotate the photo 90 degree clockwise.

### 2.6.12. Interval Time

When playing playback of photo, press  once to set interval time between photos.

The time of display interval (1, 3, 5, 10 sec.) changes with each press on the  button.

### 2.6.13. Repeat Viewing

Press  to repeat during playback.


Press once: REPEAT ON

Press twice: REPEAT OFF (repeat cancelled)

**Note:**

You can select repeat mode in SETUP MENU—SLIDE SHOW/ MUSIC/ VIDEO

### 2.7 To Take out the cards

1. If the playback is playing, press  to stop it.
2. Take out the card.

### 3. Troubleshooting

Before requesting service for this Media Player, check the chart below for a possible cause of the problem you are experiencing. Some simple checkups or a minor adjustment on your part may eliminate the problem and restore proper operation.

<p><b>Mute, Volume control, Fast Forward under FILE menu</b></p>	<ul style="list-style-type: none"> <li>• File menu is for previewing only; therefore, all control functions, such as volume and mute, will not work unless enter key is pressed to get into a play mode.</li> </ul>
<p><b>No power</b></p>	<ul style="list-style-type: none"> <li>• Insert the power plug securely into the power outlet.</li> <li>• Check if the on/off button on the right of the Media Player is set to on.</li> <li>• Check if no power at the AC outlet by plugging in another appliance for a test.</li> </ul>
<p><b>The Media Player does not start playback when play is pressed</b></p>	<ul style="list-style-type: none"> <li>• Condensation has formed: wait about 1 to 2 hours to allow the Media Player to dry out. Check if the Media Player is defective by trying another card.</li> </ul>
<p><b>The Media Player starts playback but stops immediately</b></p>	<ul style="list-style-type: none"> <li>• The card may be dirty and may require cleaning.</li> <li>• Ensure that the card is installed with proper situation position.</li> </ul>
<p><b>No picture</b></p>	<ul style="list-style-type: none"> <li>• Ensure that the equipment is connected properly.</li> <li>• Check if outer equipment is on.</li> </ul>
<p><b>No sound</b></p>	<ul style="list-style-type: none"> <li>• Ensure that the equipment is connected properly.</li> <li>• If using a hi-fi amplifier, try another sound source.</li> <li>• Check the volume adjustment.</li> <li>• Check the audio format, AAC and AC3 audio codec are not supported.</li> </ul>
<p><b>Distorted sound</b></p>	<ul style="list-style-type: none"> <li>• Ensure that the input settings for stereo system are proper.</li> <li>• No sound is heard during still picture (pause).</li> </ul>
<p><b>No audio at digital output</b></p>	<ul style="list-style-type: none"> <li>• Check the digital connections.</li> <li>• Check if the audio format of the selected</li> </ul>



	audio language matches your receiver capabilities.
<b>Picture is distorted during rapid advance or rapid reverse</b>	<ul style="list-style-type: none"> <li>• The picture will be somewhat distorted at times: this is normal.</li> </ul>
<b>No rapid advance (or rapid reversed) playback</b>	<ul style="list-style-type: none"> <li>• Some video may have sections that prohibit rapid advance (or rapid reverse).</li> </ul>
<b>No operations perform with the remote control</b>	<ul style="list-style-type: none"> <li>• Check the battery is installed with the correct polarities (+and-).</li> <li>• The battery is depleted: replace them with new ones.</li> <li>• Point the remote control unit at the remote control signal sensor and operate. Operate the remote control unit at a distance but no more than 7 meters from the remote control signal sensor.</li> <li>• Remove the obstacles between the remote control unit and remote control signal sensor.</li> </ul>
<b>No key operation (by the Media Player AC power and / or the remote control) is effective</b>	<ul style="list-style-type: none"> <li>• Turn the unit off and then back to on. Alternatively, turn off the unit, disconnect the cord and then re-connect it. (The player may not be operating properly due to lightning, static electricity or some other external factor.)</li> </ul>

### 3.1 Known Issues

Issue 1: When a movie is playing and press fast forward, the following movie will play at the normal speed but without sound.

Issue 2: Under **MUSIC** selection menu the Next/Back chapter key becomes stop key.

