User Manual

Stand-alone Digital Signage System

PT Series PT102/PT070

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一. Introduction:

PT series is a low cost, stand-alone, digital signage LCD display plays media files from SD CF card or USB device targeted toward small-scale installations.

PT series is ideal for use in restaurants for menu boards, corporate offices and schools for way-finding directions and product showcase signage for tradeshows and events; real-estate locations as a property showcase, office locations for employee communications etc.

PT series signage system can be used to display and distribute media communication, videos and images. It supports a wide variety of digital media files (JPEG, BMP, MP3, WMA, AC3, AAC, OGG, MPEG 1 / 2 /4) which can be stored into a local USB Stick, CF or SD card. With an inbuilt timer, the signage player is capable of turning-ON and turning-OFF at a preset schedule. The player can be configured for AUTO-PLAY and AUTO-LOOP functions.

二. Main Functions:

1. Play back format: JPEG, BMP, MP3, WMA, AC3, AAC, OGG, MPEG 1 / 2 /4
2. Support multiple cards : CF / high speed SD/ USB2.0
3. One key copy function: files from USB / SD/ CF copy each other
4. BGM mode: picture playing with music. (BGM mode available automatically)
5. Automatically play video, music or picture when turn on the Power
    Have 3 modes: Single file play, Folder play and All play.
6. Aspect ratio : 4 : 3 / 16 : 9
7. OSD: Chinese, English, Japanese, French, German, Danish, Spanish
8. Background music mode available (can be set by rear panel keys or by remote control)
9. Picture playback has 16 transition types and picture rotation is available (vertical image).
10. With Timer function.
11. Via mini USB can link to computer for copy or delete file in NAND flash.
(PC link method: press "SETUP" key on remote control →General setup→ USB mode → SLAVE)
Notice: Please return to default when play back (USB→ HOST) optional.
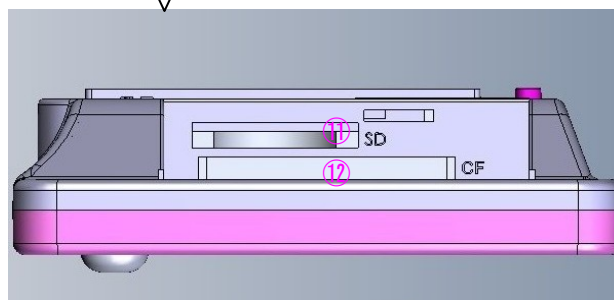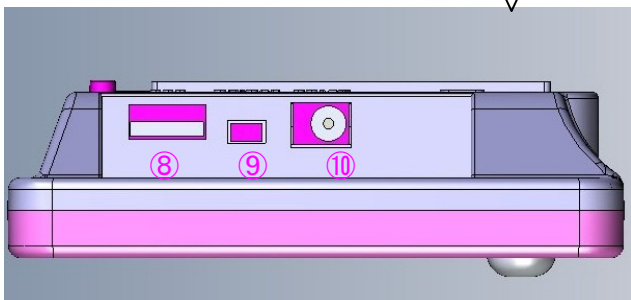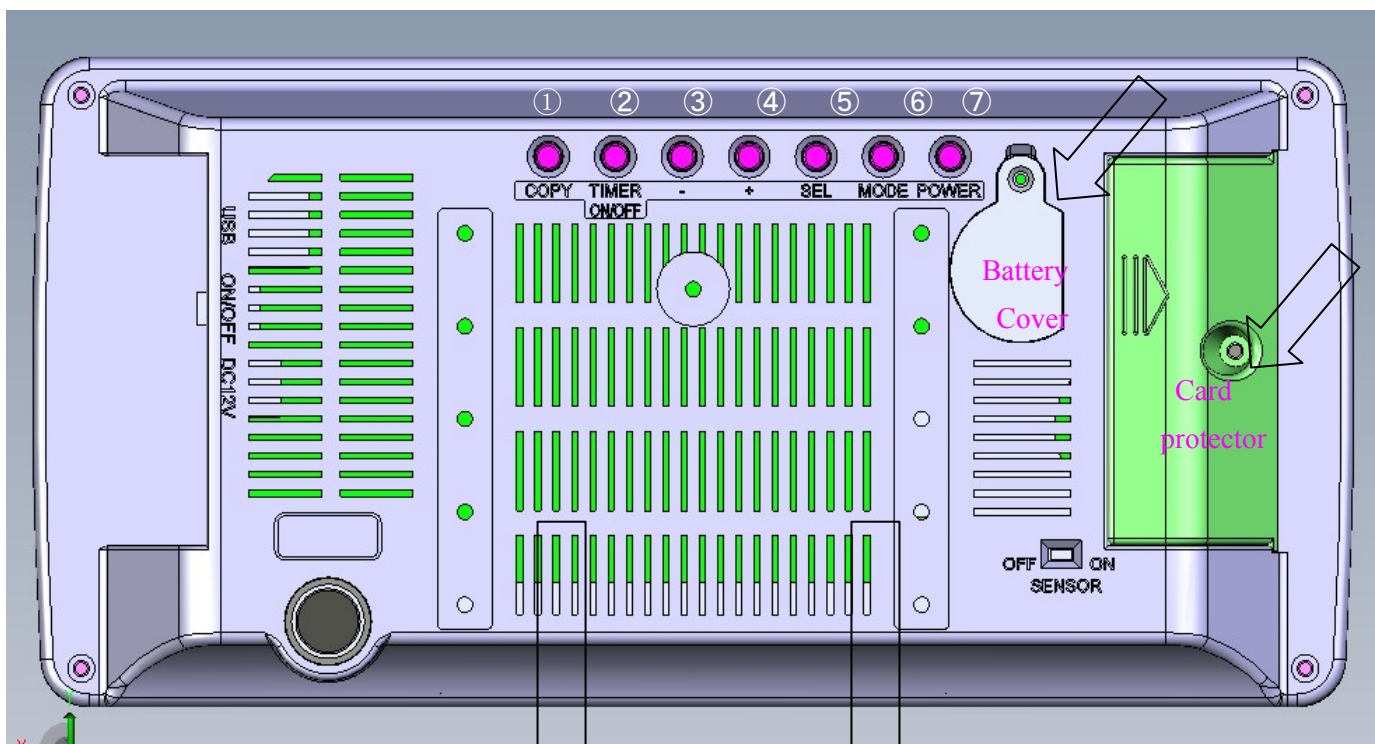
三. Accessories:

■player	1 pc
■adapter	1 pc
■manual	1 pc
■screw driver	1 pc
■control	1 pc
■bracket	1 pc

四. *Button* Directions：

A: for 7 inch Series
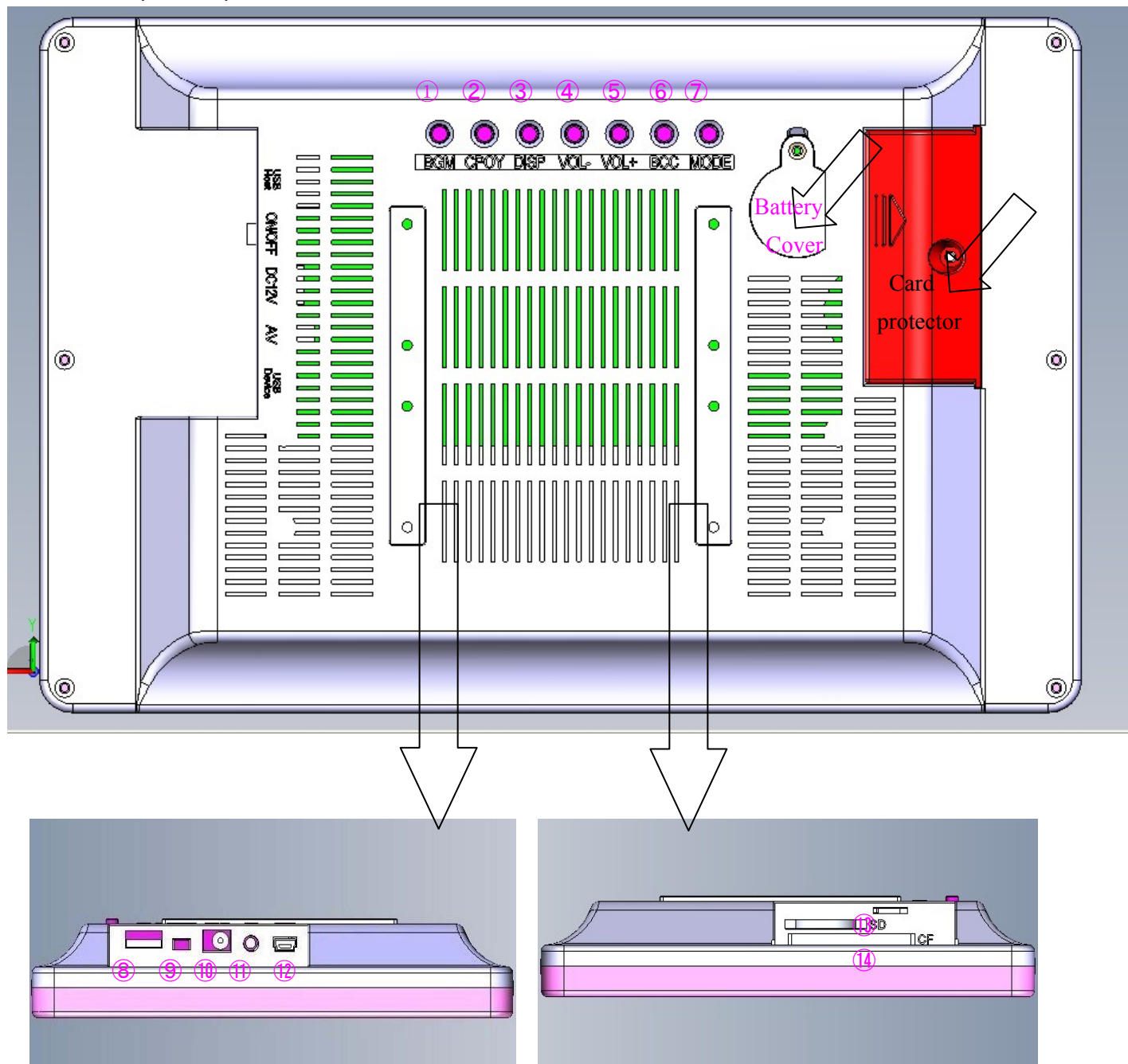
Module size (L*W*H): 8.53 * 4.13 * 1.10 in

① COPY	COPY function	⑧ USB
② TIMER	Show the current time	⑨ POWER ON/OFF
③ VOL-	Volume decrease	⑩ DC12V
④ VOL+	Volume increase	⑪SD
⑤ SEL	Adjust brightness, contrast, color	⑫CF
⑥ MODE	Select Single file play, Folder play And all play	
⑦ POWER	Stand by on/off	

B: for 10.2 inch Series

Module size (L*W*H): 10.16 x 6.73x 1.12 in

①BGM   Background music

②COPY   COPY function

③DISP   Show the current time

④VOL-   Volume decrease

⑤VOL+   Volume increase

⑥BCC   adjust brightness, contrast, color

⑦MODE   Select Single file play, Folder play

             and All play

⑧ USB

⑨ POWER ON/OFF

⑩ DC12V

⑪AUDIO/OUT

⑫Mini USB

⑬SD

⑭CF

五. **Features:**

Play mode	Single file play; Folder play ; All play
Support multi cards	CF: high speed SD; USB2.0
Video Decoding	MPG1 ;MPG2; MPG4; AVI
Audio Decoding	MP3;WMA; AC3;AAC;OGG
Picture Decoding	JPEG,BMP
Power Consumption	12W
voltage	12V
Aspect ratio	4：3 ;16：9
weight	PT070AD：316g PT070BD：338g PT102D：610g
Speaker Power	2*2W
Multi-Language OSD	Chinese, English, Japanese
Resolution	800*3(RGB)(W) X 480(H)
Screen size	PT070：7 inch PT102：10.2 inch
Module size (L*W*H)	PT070AD：185*105*25 mm PT070BD：216.8 * 104.8 * 28 mm PT102D：258 * 171 * 28.5mm
Operation temperature	0℃～40℃
Storage temperature	-20℃～60℃
PC link method: press "SETUP" key of remote controller →General setup→ USB mode → SLAVE) Notice: Please return to default when play back (USB→ HOST) optional.	

六. CONTROL:

BOTTOM	Directions
⏻ POWER	ON/OFF
VGA	(only valid for Media Player）VGA output
MUTE	Volume ON/OFF
VIDEO	(only valid for Media Player）Video output: For YPbPr and CVBS selection
DISP	Display current time on the top right corner of screen. But it displays the file information as below picture when in " PLAY LIST " mode
BGM	Back ground music ON/OFF
MODE	All play, Folder play, Single play (Default: All play)
PROG	At stop status, press this key to set "PROGRAM PLAY ". Maximum 20 files can be selected.
RETURN	At stop status, press this key to go to "PLAY LIST "screen.
COPY	One key copy. From USB/SD card copy to CF card or built-in flash memory (USB/SD and CF/ flash Memory should be selected one)
DEL	At stop status, move arrow key to select file want to be deleted, and then press this key. The screen will prompt 【 ARE YOU SURE YOU WANT TO DELETE THE FILE? 】 , move arrow key to select " YES" to delete fife.
Vol +	Increase Volume
SET UP	enter SETUP manual
▲	cursor UP , or let picture have Horizontal mirror image
ZOOM	When ZOOM on: Picture/Photo zoom in or zoom out, using ◀◀ and ▶▶ key to select times
Vol -	Decrease Volume
◀	cursor LEFT, or let picture have 90 degree counter clockwise rotation
ENTER	ENTER, play start
▶	cursor RIGHT, or let picture have Vertical mirror image
◀◀	LEFT 2×, 4×, 6×, 8×
▶▶	RIGHT 2×, 4×, 6×, 8×
▼	cursor DOWN, or let picture have 90 degree clockwise rotation
FILE	list all files in card or NAND
◀◀|	Go to PREVIOUS file
▶||	PAUSE (Temporary STOP)
■	STOP, return to file list
|▶▶|	Go to NEXT file

七.SETUP MENU—MAIN PAGE

Control key: ▲ ▼ ◄ ► ENTER setup

1. SETUP MENU—GENERAL SETUP PAGE


```
SETUP MENU -- MAIN PAGE
2011/3/25 Fri 15:17:01          Ver:1.10.3B

        GENERAL SETUP
        PICTURE SETUP
        PREFERENCES
        CLOCK SETUP
        TIMER POWER SETUP
              ∨

        GENERAL SETUP
```

GENERAL SETUP

PIC MODE	OSD LANG	SCREEN SAVER	MUSIC MODE	USB MODE	USB DEVICE	COPY DEVICE	MAIN PAGE
AUTO	ENGLISH	ON	LT/RT	AUTO	CF CARD	USB-SD	
FILM	CHINESE	OFF	STEREO	HOST	MS CARD	USB-CF	
VIDEO	JAPAN			SLAVE	XD CARD	SD-CF	
SMART					SD CARD	USB-NAND	
SUPER SMART						SD-NAND	

2.SETUP MENU—PICTURE SETUP PAGE

PICTURE SETUP

- **SLIDE SHOW**
  - ON
  - OFF
- **TRANSITION**
  - FULL SCREEN
  - TOP->BOTTOM
  - BOTTOM->TOP
  - T/B->CENTER
  - CENTER->T/B
  - BLIND:T->B
  - LEFT->RIGHT
  - RIGHT->LEFT
  - L/R->CENTER
  - CENTER->L/R
  - IMPLODE
  - BLIND:L->R
  - CROSS FADE
  - RANDOM
- **INTERVAL TIME**
  - 1 SECOND
  - 3 SECOND
  - 5 SECOND
  - 10 SECOND
  - 30 SECOND
  - 60 SECOND
- **ROTATE PICTURE**
  - ROTATE
  - NO ROTATE
- **MAIN PAGE**
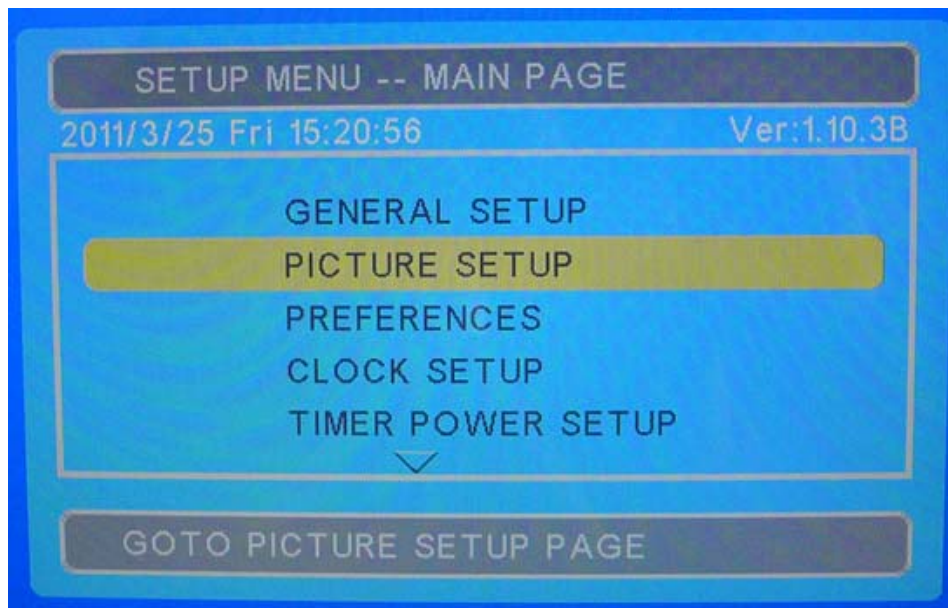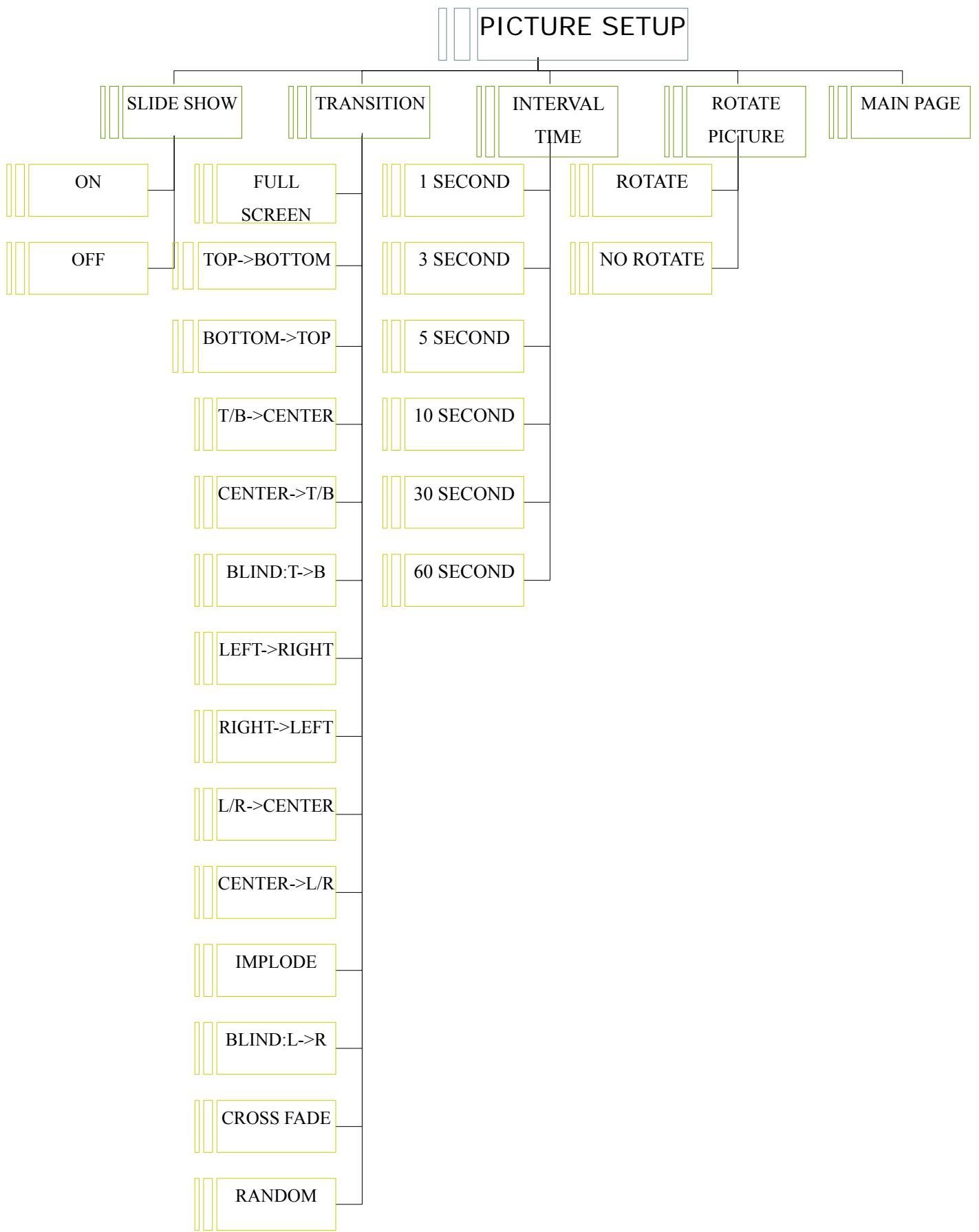
3.SETUP MENU—PREFERENCES PAGE

SETUP MENU -- MAIN PAGE
2011/3/25 Fri 15:21:03   Ver:1.10.3B

GENERAL SETUP
PICTURE SETUP
PREFERENCES
CLOCK SETUP
TIMER POWER SETUP
∨

GOTO PREFERENCE PAGE

```
                              PREFERENCES

   DEFAULTS      CLOCK        AUTO PLAY     TIMER        SCALE      MAIN PAGE
                 DISPLAY                    POWER

   RESET         ON           ON           ON           16:9

                 OFF          OFF          OFF          4:3
```
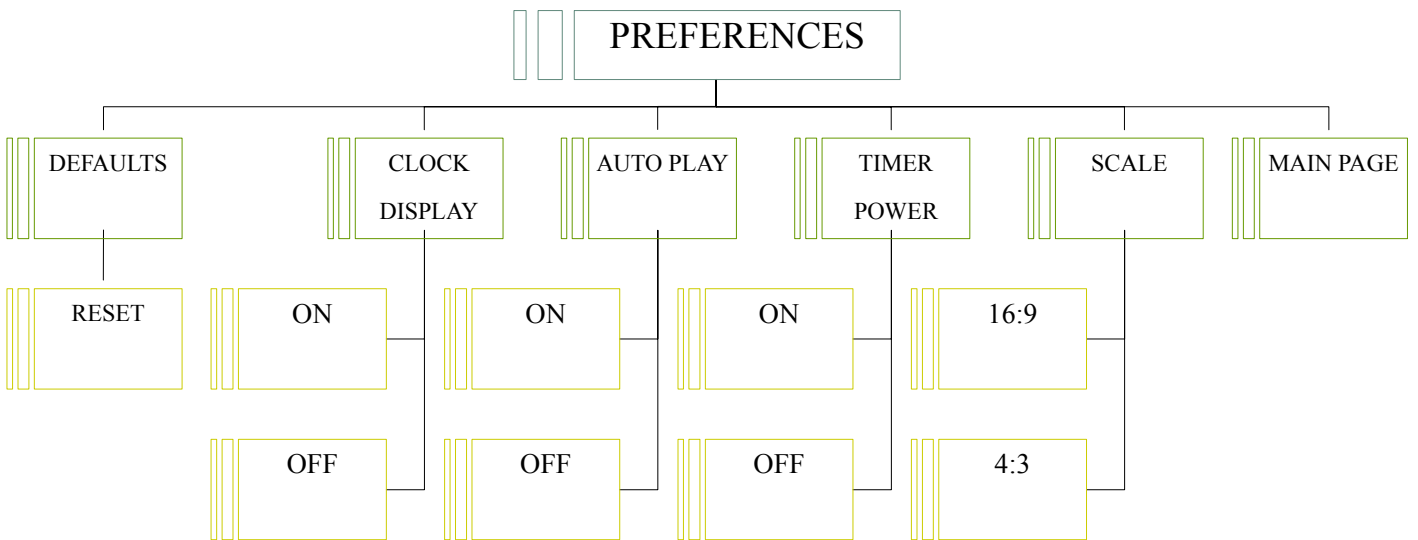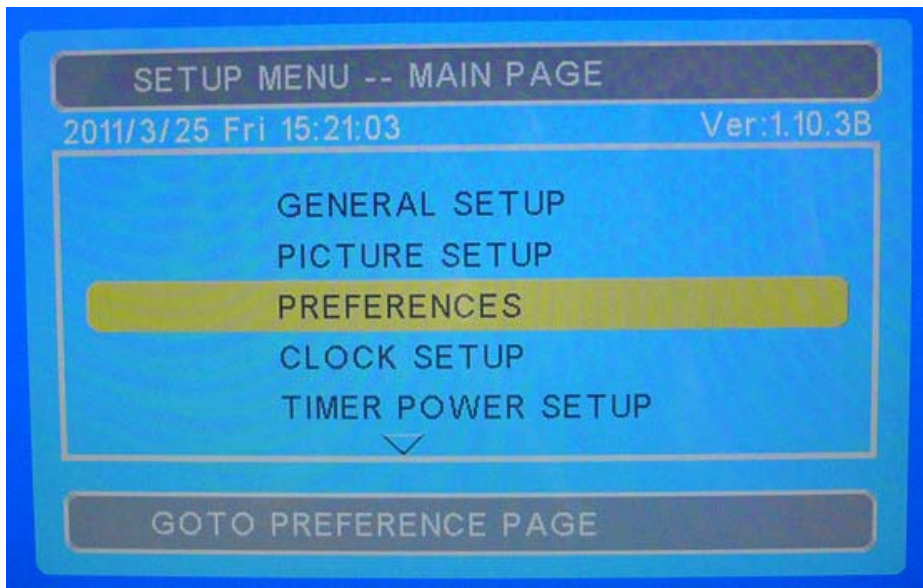
4.SETUP MENU—CLOCK SETUP PAGE

Control key: ⬆ ⬇ ⬅ ➡ ENTER setup
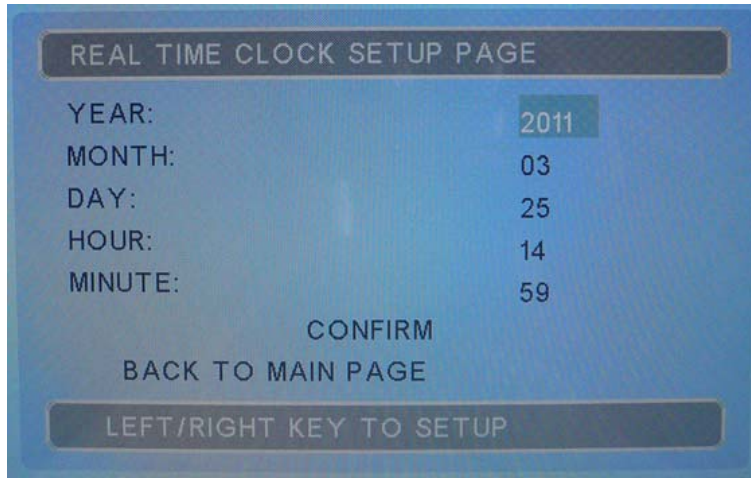
5.SETUP MENU—TIMER POWER SETUP PAGE

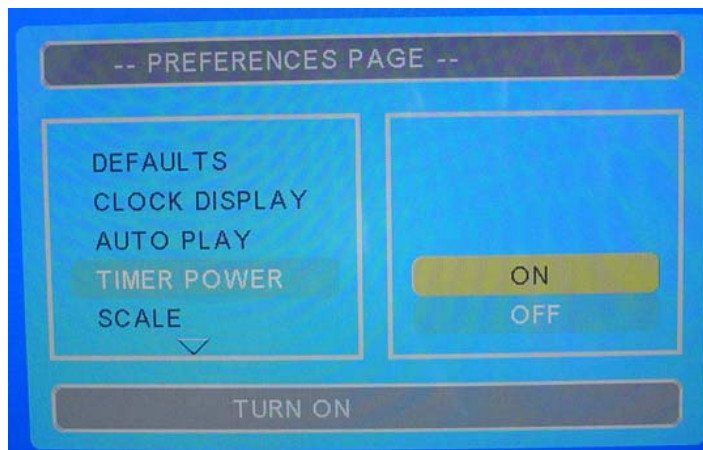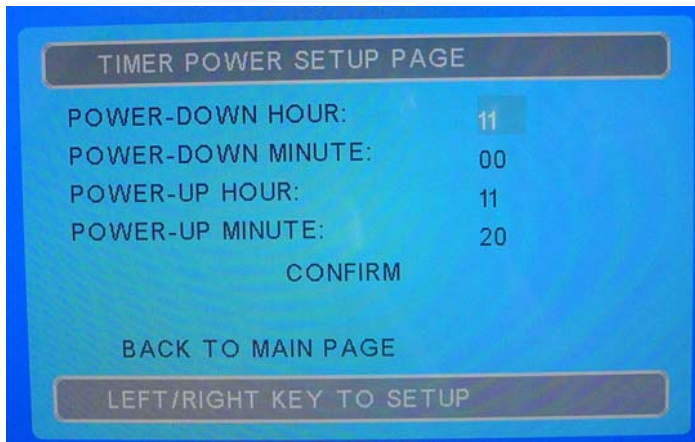ⅰ: SETUP POWER -DOWN TIMER/POWER-UP TIMER

ⅱ: SETUP: TIMER POER: ON

Control key: ⬆ ⬇ ⬅ ➡ ENTER setup
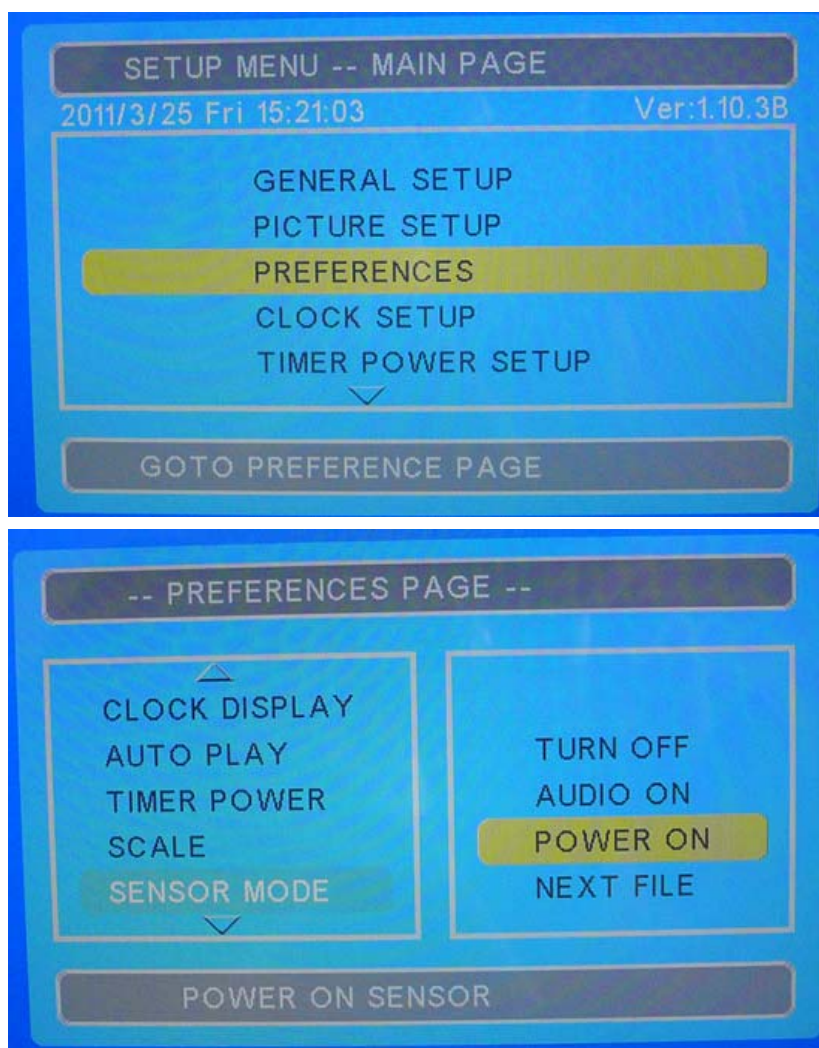
mark: Optional functions

I: Motion Sensor(this function only for motion sensor player)

The motion sensor can detect the approaching viewer within 118inches.

You can set the motion sensor mode according to your requirements, there are four options as follows:

TURN OFF ---Turn off sensor .

AUDIO ON --- when there is nobody, it will display the media files without sound; when there is an approaching viewer the sound speaker will automatically turn on, then turn off about 40 seconds after the viewer walks away.

POWER ON--- when there is an approaching viewer it will automatically turn on and play the media files on the storage device; then automatically turn off about 40 seconds after the viewer walks away

DISPLAY NEXT FILE--- when there is nobody, it will loop plays the "homepage" (you can name a media file as "homepage" according to your needs) when there is an approaching viewer it will automatically display the next media file, then come back to the homepage about 40 seconds after the viewer walks away, (if there is no"homepage" you will get a black screen).

II：Barcode reader function:

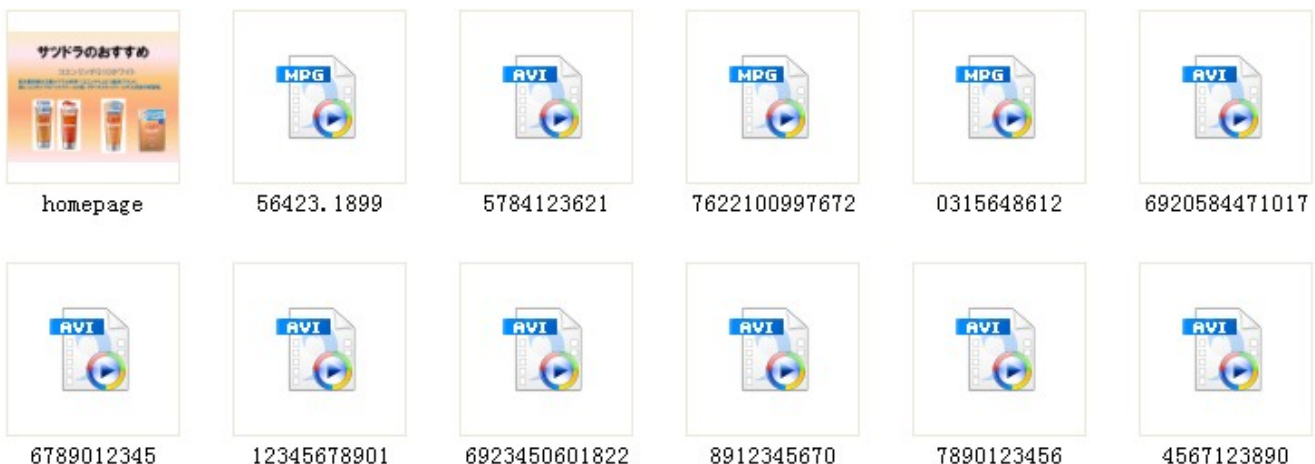Support input the bar code information from the Uart. Bar code can be read accurately at any time.

1. The PS2 interface connects with the laser or LED red light barcode scanner; the player auto plays the corresponding file when the bar-code is read.

2. If there is no corresponding bar-code file in SD/CF card, you will find ''NO FILE FOUND'' on the screen.

(Remark: Please make sure every media file name the same with the barcode, that is, if the

barcode is 6924566616816, the file name should be 6924566616816 correspondingly.)

3. Notes:

    A: If there's "homepage" in card, it will be Loop-played without or after scanning.
       You can name a media file as '' homepage "according to your needs.

    B: If there's no "homepage" in card, no scanning or 5 seconds after scanning you will get a screen showing" NO FILE FOUND" on black screen

    C. If barcode being scanned, but no corresponding file in card, it will display "NO FILE FOUND" on the screen.

    D. When picture and video of a product coexist in the card, it will display the picture at first than the video follows.

    E. All the media files should be stored in the root content.

4. At most 30 codes can be read, the barcodes can be number, letter, symbol, as follows:

homepage	56423.1899	5784123621	7622100997672	0315648612	6920584471017
6789012345	12345678901	6923450601822	8912345670	7890123456	4567123890

III: External Control Board

A type: there is 11 buttons (00, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) corresponding 11 files on the

card.

From the first button to tenth button (1, 2, 3, 4, 5, 6, 7, 8, 9, 10) , if you push any one of them, it will display the corresponding file, when the display of this file finished, it will loop play the 00 file.

If no button being pressed it will also display the 00 file.

B type: there is 10 buttons (1, 2, 3, 4, 5, 6, 7, 8, 9, 10) corresponding 10 files on the card.

From first button to ninth button (1, 2, 3, 4, 5, 6, 7, 8, 9), if you push any one of them, it will display the corresponding file, when the display of this file finished, you will get a black screen.

If you press one of them, but there is no file in this folder, it will display "No File Found"

For the tenth button (10), if you push this one it will loop play this file, no black screen.

C type: forward or back from the files.

E type: there is 13 buttons (00, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) corresponding 10 files

on the card.

From the first button to twelfth button (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12), if you push any one of them, it will loop play the corresponding file.

It will always display the 00 file when power on.

Note: The buttons quantity and functions can be customized as customer's requirements.

the media files stored on the card should be named in this way, please refer to the following picture:

📁 00	📁 01	📁 02	📁 03
📁 04	📁 05	📁 06	📁 07
📁 08	📁 09	📁 10	📁 11
📁 12			