VISION TOUCHSCREEN

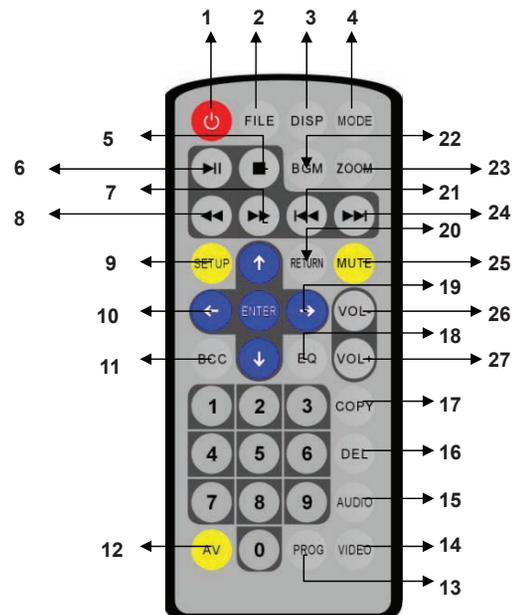## Features

- Low voltage (6V-18V) power supply
- USB2.0 compatible for update and edit functions
- CF, SD, and USB for loading media data
- Screen rotation capability, media can be displayed in portrait and landscape mode
- Slide show options - adjustable interval timing from 3 sec to 25 sec, 14 transition modes and background music
- File formats supported AVI: DIVX/XVID, MP3 and JPG formats
- Automatic on/off timer, up to 6 times each day, clock display and calendar functions

Using the Remote Control

The following is a list of all buttons on the remote control and their functions.

Number	Button Name	Button Function
1	Power	Power On/Off
2	FILE	File List
3	DISP	In file mode, Press "DISP" button to display the properties of the file
4	MODE	Repeat One File / Folder, Repeat OFF, Repeat all (Default: Repeat all)
5	STOP	Stop
6	PLAY/PAUSE	Play / Pause
7	FAST FORWARD	Fast Forward 2x, 4x, 6x, 8x
8	REWIND	Rewind 2x, 4x, 6x, 8x
9	SETUP	Enter the system SETUP menu
10	←	In SET UP mode, move the cursor left
11	BCC	Enter function to adjust Brightness, Contrast, Color
12	AV	AV / VGA Switch
13	PROG	Program the play list
14	VIDEO	Switch between 480P, 480I
15	AUDIO	Switch between different AUDIO Modes
16	DEL	Delete the selected file
17	COPY	Copy the selected file
18	EQ	Spectrum shows
19	→	In SET UP mode, move the cursor right
20	RETURN	Switch between CF, SD and USB source
21	PREVIOUS	Return to previous Video, Photo or Music file
22	BGM	Play Background Music
23	ZOOM	Zoom in / Zoom out
24	NEXT	Advance to the next Video, Photo or Music file in a folder that is playing
25	MUTE	Mute the sound
26	VOL-	Volume down
27	VOL+	Volume up

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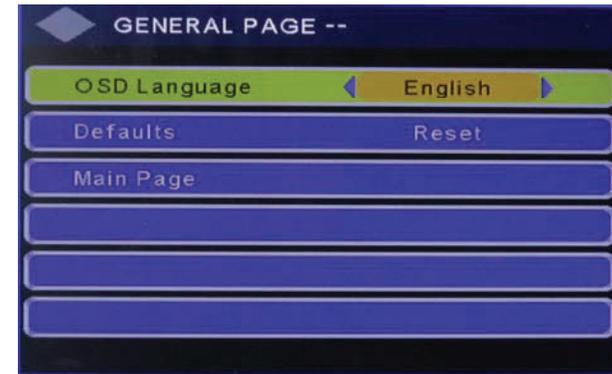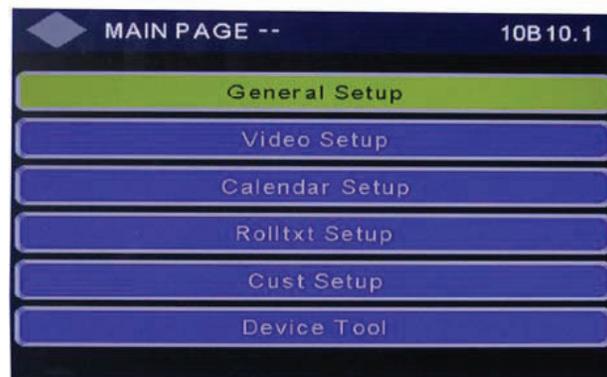T: 905 569 1605
E: sales@mcrae-imaging.com

Basic Operating steps

This D3 Media Touchscreen has a push button switch on the rear to change from touchscreen to normal mode.

The selected mode will appear on the top left corner of the screen.

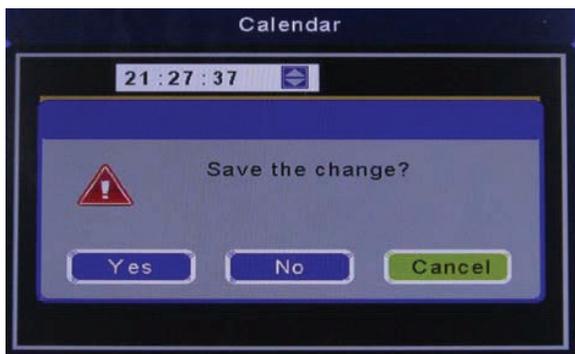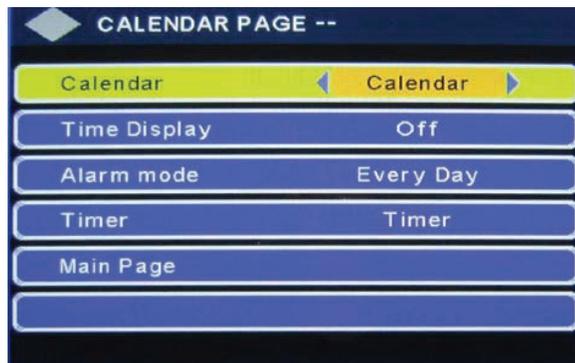1. Press "STOP" button ■ and then "SETUP" button SETUP to enter into the Main menu page.

OSD Language	Options Chinese and English (Default: English)
Defaults	Reset to defaults
Main Page	Highlight "Main Page", Press "ENTER" and return to Main Page, press UP / DOWN key to move the cursor

1.2 Video Page

Video Output	RGB or YPbPr output (Default: RGB)
TV Display	4:3 PS / 4:3LB / Wide (Default: Wide)
TV Type	NTSC / PAL / Auto (Default: NTSC)
Resolution	480P / 480I (Default: 480P)
JPG Rotate	No Rotation / Rotation 90 / Rotation 180 / Rotation 270/ HOR Flip / VER Flip (Default: No Rotation)
Main Page	Highlight "Main Page", Press "ENTER" and return to Main Page

1.3 Calendar Page

Use UP / DOWN key to select from 2000 to 2099, then
Press LEFT / DOWN / PREV / NEXT to move the cursor, press PREV/NEXT to switch between Year, Month, Date and Time.
Press UP / DOWN key and change the time.
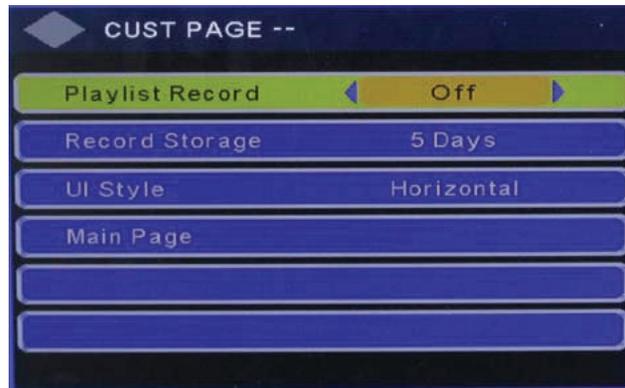Press ENTER to save the setting.

Time Display	Three modes: On, Only stop, Off Mode (Default: Off), the Time mode displays at right-up corner of the screen
Alarm Mode	Supports different or same setting for 7 days a week, two modes for every day and every week (Default: Every Day)
Main Page	Highlight "Main Page", Press "ENTER" and return to Main Page

1.4 Rolltxt Page

Rolltxt	On/Off (Default: On)
Roll Style	Option for three different roll styles such as R->L / D->U Fade / L->R (Default: R->L)
Speed	Normal / Fast/Slow (Default: Normal)
Size	Small / Normal / Big (Default: Small)
F-Color	Sets different foreground colors such as Black, Blue, Yellow, Red, Grey, Magenta, White (Default F-color: Black)
B-Color	Sets different background colors such as Yellow, Red, Grey, Magenta, Trans, H-Trans, White, Black and Blue (Default: Yellow)
Position	The text can be set to scroll at the top or bottom of the screen, however, the RTC time will not be shown if it scrolls on the bottom (Default: Bottom)

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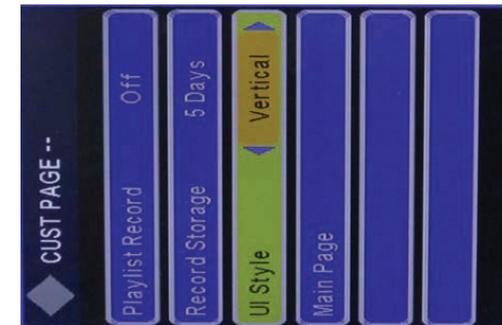## USER MANUAL

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1.5 Cust Page

Playlist Record On/Off（Default: Off）

Generates a file each day, that contains the start time, end time and total play time for each file
– File for each day, the file will be named by" Year Month Day.HHH", eg,"20080808.HHH". Open file with notebook.
– Content format as follows:
  date: 20090130 start time: 07:25:27 file: 002.MPG
  end time: 07:25:42 total: 15 Secs
  date: 20090130 start time: 07:25:42 file: 003.MPG
  date: 20090130 time: 07:25:57 system stop!!!
  date: 20090130 start time: 07:25:58 file: 003.MPG
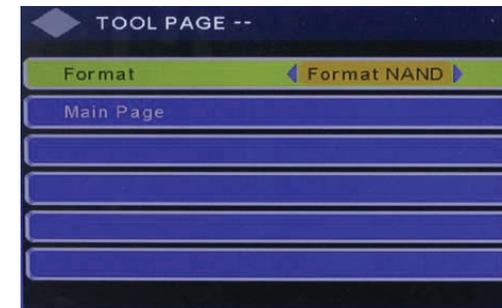 end time: 07:26:00 total: 2 Secs

Record Storage Records can be saved in 5 days, 7days,10 days,15 days, 20 days, 25 days(Default is 5 days)

Screen Style Horizontal or Vertical (Default: Horizontal)

Main Page Highlight "Main Page", Press "ENTER" and return Main Page, press UP / DOWN key to move the cursor

1.6 Data Source Device Tool

Format NAND (internal Hard drive) / CF Card/SD Card / USB (Default: NAND)
Main Page Use cursor to highlight "Main Page", press "ENTER" and return to Main Page

Creating Rolltxt File
– Create new .txt file and name it "ROLLTXT.ROL"
  IMPORTANT!!! Title **MUST** be all upper case as shown.
– Text content can be English, Russian, Chinese, Korean, Japanese
– Text content can contain approx 1000 words
– The first line of the text file must be numbers. This sets the time interval in seconds for the gap between the text for example,"20"means it repeats after 20s. There are different styles such as up to down. Except in the "right to left"style, text content must be divided into several sentences using "\" to mark the end of each sentence.

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Playing List

1) Option for Monthly, Weekly or Daily Playlist:

   Monthly Playlist: PLISTM01.XML~ PLISTM12.XML

   Weekly Playlist：PLISTW00.XML~ PLISTW06.XML

   Daily Playlist：PLISTD01.XML~ PLISTD31.XML

   File must be named is " PLAYLIST.XML", all characters must be upper case

2) Option for multi group lists, every group can be played at preset times

3) The playing times for each file can be preset

4) For picture style, the playing mode and time can be preset

5) The audio level can be preset

6) Create a play list using xml Editor.exe

7 Each group can contain up to 80 files

8) When selecting a group, it is based on the first programmed time, so do not set times that overlap.

9) When using the Playlist function, the Resume Play funtion in the main menu must be turned off to avoid a conflict.

Supporting Code information for writing XML Touchscreen programs

The details are as follows:

```
<programe>
<open="stat.avi">
<title="title.jpg">
<mopen="demo.mpg">
<sx="0" sy="0" ex="100" ey="100" type="1" file="08.avi" interval="3" mode="2" repeat="1" back="1"/>
<sx="100" sy="0" ex="200" ey="100" type="2" file="folder"/>
<sx="0" sy="100" ex="100" ey="200" type="3"/>
<sx="100" sy="100" ex="200" ey="200" type="4"/>
</programe>
```

The blank color means keywords ,the content is in " "

<open="stat.avi"> "stat.avi" means file A referred above

<title="title.jpg"> "title.jpg"means file B referred above

<mopen="demo.mpg"> means the playing file when touch the stat.avi

sx="0" sy="0" ex="100" ey="100" defines the touch area,

file="08.avi"defines the play file when touch the area,

type="?", 1　file, 2　Sub Directory, 3　Higher level Directory, 4　Root

Interval="?", defines the play time for the photo

mode="?", defines the play mode for the photo

repeat="?", defines the play times for the file

back="?", after play the defined file, 0 – go back to the current directory title, 1 – go back to the directory Root title

sx="0" sy="0" ex="100" ey="100" means the touch area, it's the Diagonal Coordinates of Rectangular or Square, the smaller value should placed in the front, while the larger one should placed in the latter, or else there would no touch function.

The coordinates can be tested online, press STOP, then press LEFT button on the remote 10 times continuously. As long as you press the touch screen, the corresponding value will display in the upper-left corner. After the test, restart the machine, it will work in the normal mode.

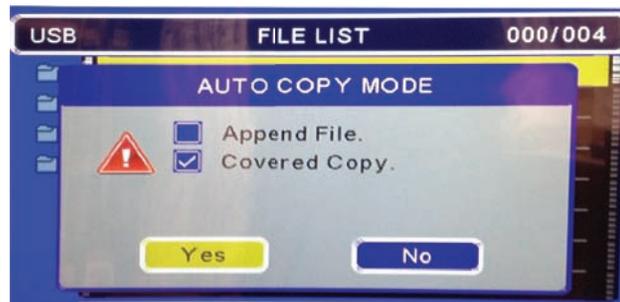type="?", 1　File, 2　Low-level Directory, 3　Higher Level Directory, 4　Root

Remark: there are no higher level directory when in the root, so do not use type="3". There are no low level directory when in the deepest directory, so please do not use type="2".

Press the right key on the remote, enter the touch screen calibration mode, after upgrade the different software, if the touch screen do not work, please check if the touch screen has been calibrated.

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1.7 Copying Files onto NAND Flash Drive

– Go to file list
– Ensure touchscreen mode is turned off. **Failure to do so can result in Scrolling Error described below
– Connect USB to device
– An option to auto copy files will appear.

a) If you want to copy every file from the USB, choose "yes". Once the copy is complete, follow the instructions in the alert and pull out the USB to reset the device.

b) If you want to copy specific files from the USB, choose "no". Go to the USB file list, and highlight the file you wish to transfer, and then press the "copy" button on the remote. A pop up will appear "copy to device?", select NAND Flash and press enter.

Scrolling Error

– Scrolling error occurs when the device is set to touchscreen mode and there is no touchscreen design xml layout file present
– To resolve this issue, turn off the unit by switching to off position manually on the side
– Unplug the unit for 5 seconds and then plug it back in
– Turn on the unit and the file list will appear
– Press the button on the rear to turn touchscreen mode off, a notice will appear in the top left corner.