

1. Features

- 7.0" TFT LCD with resolution 800x480
- Audio L/R output for speaker 1W, 8Ω
- Single-Touch capacitive panel
- Built-in codec support playback of audio mp3, pictures jpeg/png/bmp/gif/tiff, and video avi
- SDCard and USB flash drive support for content storage
- 128MB internal memory
- Mini USB-B Host 2.0 for managing internal memory content
- Volume up/down rotary dial adjustable
- Power On/Off switch
- Battery box power input socket
- 12V AC adapter

2. Input/Output and Functions

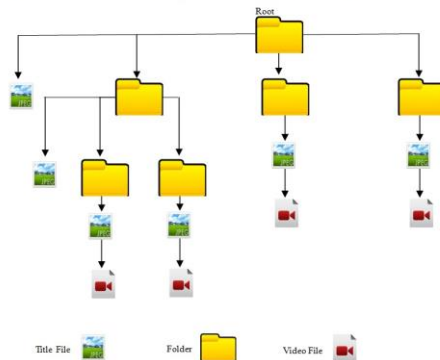
Item	Description	Functions
1	Power on/off switch	Turn on/off the player power
2	DC power jack	For 12V 1A AC adapter, 5.5mm barrel jack
3	Battery Pack connector	For 8D cell batteries, 3PIN JST XH2.5
4	Volume control	Rotary dial adjustment
5	USB-A Port	Allows for USB flash drive content launch and supply power
6	Mini USB Port	Computer interface for internal memory file management
7	SDCARD	SD/SDHC
8	Speaker output	L/R Channel, 2PIN connector
9	Button Inputs	N/A
10	Motion Sensor Input	N/A
11	Audio Format	mp3
12	Video Format	.avi (Xvid) (856x480 @3000kbps recommended)

3. Hardware specifications

Items	Description	Specifications	Conditions
1	Operating Temperature	0°C ~ 50°C	
2	Input voltage	7-14 VDC	
3	Operating current	TBD	@12V w/o speaker
4	Standby Current	TBD	@12V
5	Aspect Ratio	16:9	
6	Native Resolution	800x480	(800x480 for jpg)
7	Internal Memory	128MB	
8	Audio output	1W	@8ohm
9	Push Button Support	N/A	
10	case outside dimension	8.0"x 4.3" x1.1"	
11	Net Weight	0.69lb	

4. Media File Naming

The file structure of the multi-layer touch screen is tree based.



Directory

* Root directory must include Command file (TPANEL.XML), Title file (*.jpg or video) and sub-directory(ies)

* Each sub-directory must include a Command file (TPANEL.XML), Title file (*.jpg or video), Content file(s) (pictures, video or audio) and /or sub-directory(ies)

Files

* TPANEL.XML (command file): contain simple commands to instruct player how to respond to user input. Allow user to define touch area(s) on the panel to correspond to opening additional directories, display product image, run video or audio files

* Title file: Work in synergy with command file to serve as a visual guide to indicate location of pre-defined active touch areas on the display player. Enabling displaying of image, video, audio files as well as opening directory leading to the next level when a corresponding active area is touched

* Content file: Image, video or audio files designed to relay appropriate messages to the audience based on user input

5. Mechanical Dimension

