

### 1. Features

- 7" TFT LCD with resolution 800x480
- Audio L/R output for speaker 1W, 8Ω
- Power on auto play function
- Built-in codec support playback of audio mp3, pictures jpeg/png/bmp/gif/tiff, and video avi
- 6 button inputs for video play triggering
- PIR motion sensor support (optional PIR module required)
- 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
- IR receiver built-in works with optional remote control
- 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	To play video file 00-05; 4PIN JST PH2.0
10	Motion Sensor Input	To play video file 06; 3PIN JST PH2.0
11	Audio Format	mp3
12	Video Format	.avi (Xvid) (800x480 @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	250mA	@12V w/o speaker
4	Standby Current	3mA	@12V
5	Aspect Ratio	16:10	
6	Native Resolution	800 x 480	
7	Internal Memory	128MB	
8	Audio output	1W	@8ohm
9	Push Button Support	6	with LED
10	case outside dimension	8.0"x 4.3" x1.1"	
11	Net Weight	0.60lbs	

### 4. Media File Naming

Items	File Name Format	Function	Note
1	mu.avi	Auto Loop	with AC adapter only
2	00.avi	Activated by Button 00	
3	01.avi	Activated by Button 01	
4	02.avi	Activated by Button 02	
5	03.avi	Activated by Button 03	
6	04.avi	Activated by Button 04	
7	05.avi	Activated by Button 05	
8	06.avi	Activated by Motion sensor	PIR sensor

## 5. Mechanical Dimension

