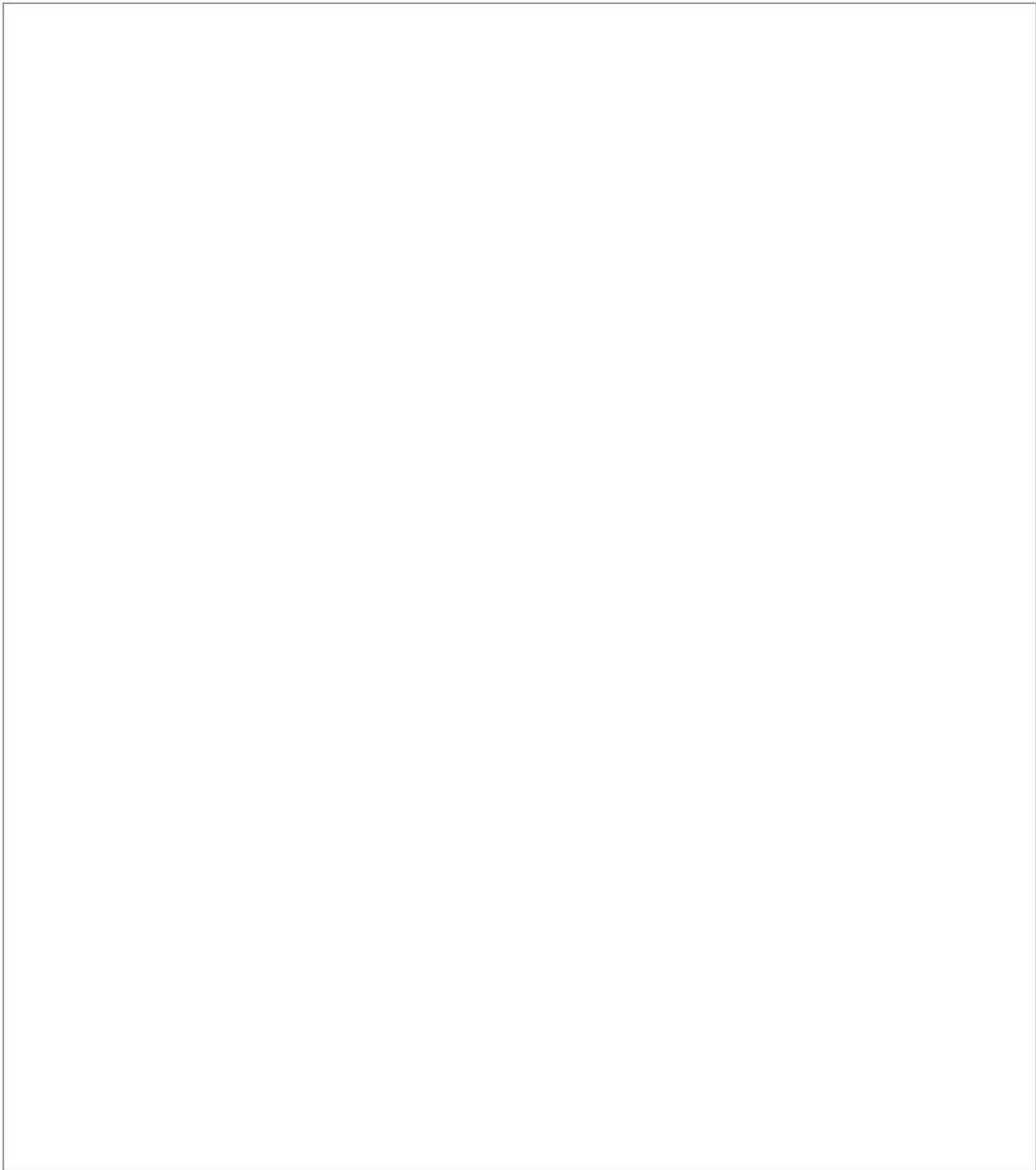


Full HD Digital Photo Frame



User Manual



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Introduction

Before operating the unit, please read this manual carefully, and retain it for future reference. This manual will help you use the many exciting and useful features that will make your photo frame viewing more enjoyable. It includes a step by step guide to the basics on photo frame operation including instructions on uploading and playing photos, music or video.

Notes of Importance

- 1) Please keep the device away from excess temperature (50°C above), too cold (-10°C below) or wet place.
- 2) Do not grievous hit the device or place something heavy on it.
- 3) Only use the accessories specified by the manufacturer.
- 4) Please keep the device away from benzene, diluents or other chemical.
- 5) Keep the device away from water.
- 6) The product should be serviced by the professional serviceman, do not try to service it by yourself.
- 7) Please unplug the power plug of the product when not in use for a long time or during the rainstorm.
- 8) In order to avoid damaging the touch panel, never place the heavy or sharp objects on the touch panel when use or transport it.
- 9) Arrange all cables and cords so that people and pets are not likely to trip over or accidentally pull on them move around or walk through the area. do not allow children to play with cables and cords.

Features

- ◆ Full HD screen,LED backlight
- ◆ High Resolution
- ◆ Wideth viewing angle
- ◆ Compatible with SD/MMC card
- ◆ HDMI input
- ◆ AV input
- ◆ USB Host 2.0
- ◆ 3.5mm earphone
- ◆ Support MPEG2,MPEG4,H.264,RM,RMVB ,MPG,MOV,AVI,MKV,TS,M2TS etc.
Video format support up to 1920*1080
- ◆ Support JPEG/MP3 music play
- ◆ 2*3W speaker
- ◆ VESA 100mm X 100mm
- ◆ Full function remote control
- ◆ Auto playback and loop function for video files

Package Contents

Please make sure all of the following are present when you unpack your digital photo frame.



Full HD digital photo frame



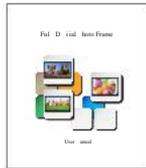
Power adapter



Power cable



Remote control



User manual



Screw-in stand(14"/15.6")

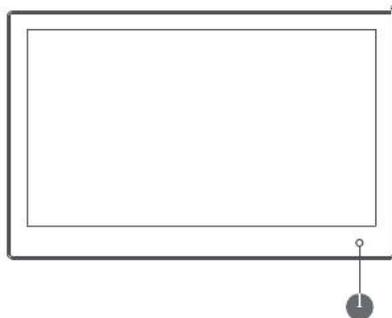


Stand(18.5"/21..5")

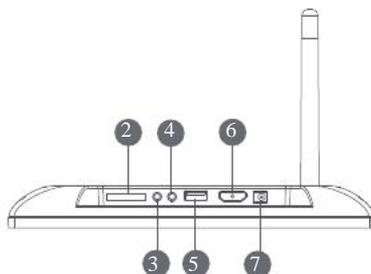


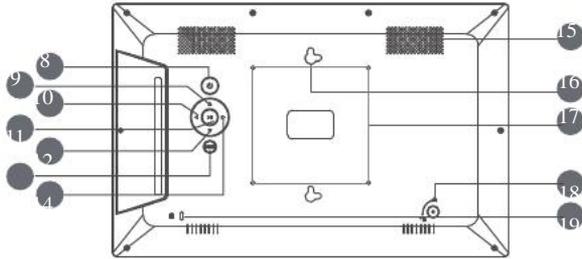
Screw(18.5"/21.5")

Drawing (14"/ 15.6")



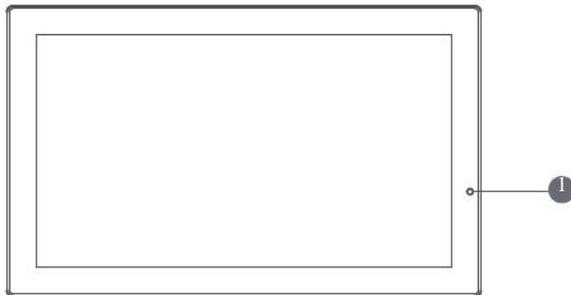
Serial number	Function
1	Remote receiver
2	SD/MMC card slot
3	Earphone
4	AV Input
5	USB2.0
6	HDMI Input
7	DC In



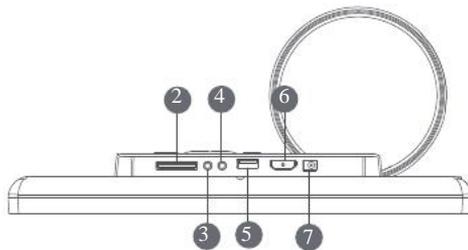


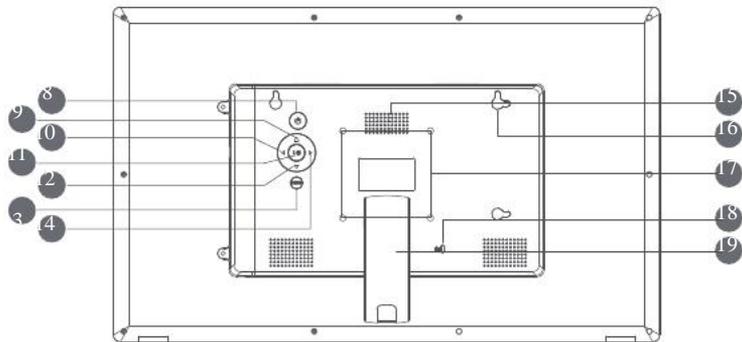
Serial number	Function
8	Power
9	Up
10	Right
11	Menu/Play/Enter/Pause
12	Down
13	Exit
14	Left
15	Speaker
16	Keyholes for Wall-Mounting
17	VESA 100*100mm
18	Stand
19	Kensington Lock

Drawing (18.5"/ 21.5")



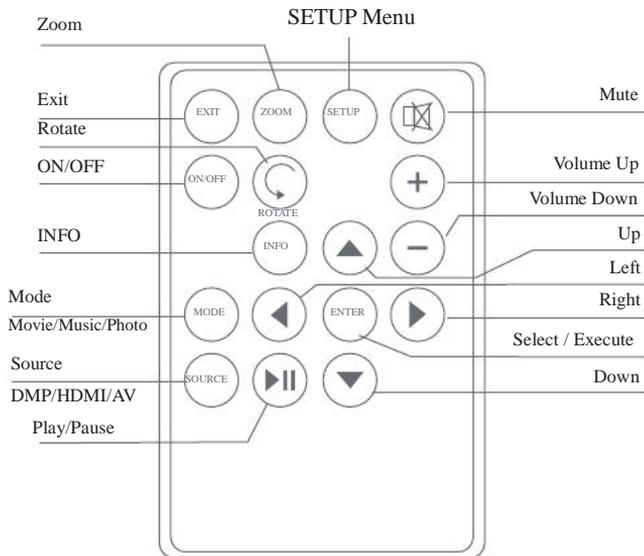
Serial number	Function
①	Remote receiver
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④	AV Input
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Serial number	Function
8	Power
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11	Menu/Play/Enter/Pause
12	Down
13	Exit
14	Left
15	Speaker
16	Keyholes for Wall-Mounting
17	VESA 100*100mm
18	Kensington Lock
19	Stand

Remote Control

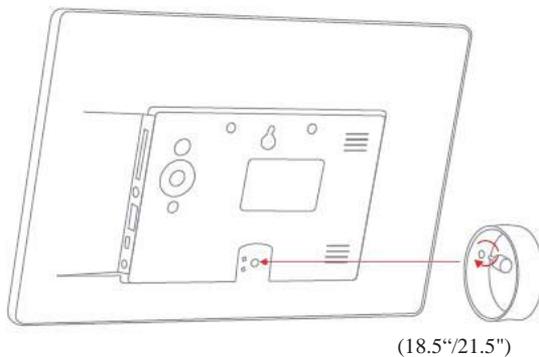
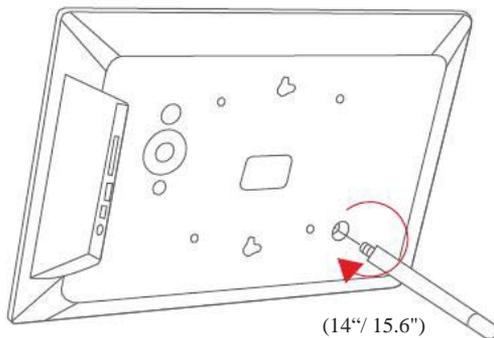


Note: 1) Please remove the plastic tab between the remote control battery door and the battery

2) Please point the Remote Control toward the Remote Sensor, which is located towards the lower right of the frame's panel.

Getting Started

1) To set up your digital photo frame, you first need to attach the stand.



2) Place the frame horizontally on a flat surface.

3) insert the power lead into the digital photo frame's socket marked dc

4) Turn on the digital photo frame by either pressing the power button on the back of the unit or pressing the power button on the remote control.

Main Menu

After turning on the unit, this screen will appear:



The memory device(USB/SD)you have inserted,you can use the[◀] [▶] buttons on your remote control to choose the function you want,then press ok to select the menu item.



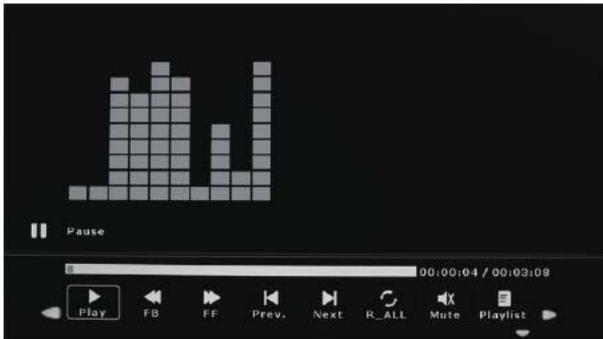
Viewing Your Photos

Select the photo icon from the main menu and then press ENTER. use the [◀] [▶] buttons to select the memory device and then press ENTER, you will now have access to your photos in thumbnail view. you can navigate through your photos using the [⏪] [⏩] [▼] buttons. press ENTER to start playing your photos.



Listening To Your Music

Select the music icon from the main menu and then press ENTER. using the [◀] [▶] buttons to select the memory device and then press ENTER ,your music files will show on the screen. you can navigate through your music using the [⏪] [⏩] [▲] [▼] buttons. press ENTER to play.



Viewing Your Videos

Select the movie icon from the main menu and then press ENTER. use the [◀] [▶] buttons to select the memory device and then press ENTER ,your videofiles will show on the screen.you can navigate through your video using the [◀] [▶] [▲] [▼] buttons. press ENTER to play.



Calendar and Clock Display

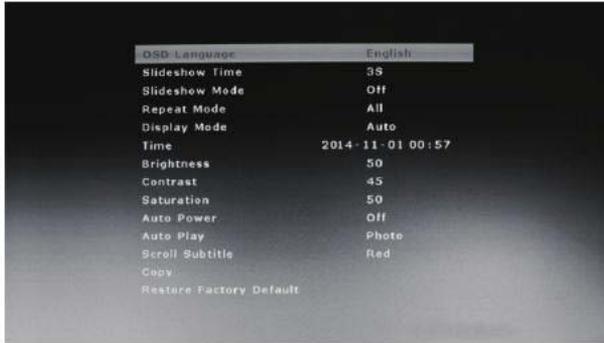
2)To view the calendar, choose the calendar icon from the main menu. a photo slideshow will play in a small window in the left.



Feature Setup

Select the 'setup' icon from the main menu, to adjust the settings on your digital photo frame. alternatively, just press the 'setup' button on the remote control.

From here, you will see the various options:



[▲ / ▼] button: Move through items or choose parameters

[◀ / ▶] button: Change the parameters

ENTER: Confirm / save changes

EXIT: Back to item list.

MediaCodec Spec. Video

File Extension	Container	Video Codec	SPEC	Bit Rate	Profile	Remark
dat, mpg, mpeg	MPG, MPEG	Mpeg1,2	1920x1080 @ 30P	20Mbit/sec	Main Profile	MP4: GMC is not supported
ts, tp, tp	MPEG2-TS H264-TS	MPEG2_H.264	1920x1080 @ 30P	20Mbit/sec	H264: Main Profile and High Profile @Level 4.0 MPEG2: Main Profile	
vob	MPEG2-PS	MPEG2	1920x1080 @ 30P	20Mbit/sec	Main Profile	
mp4	AVI, MP4	MPEG4 Divx 3.11, Divx 4.12, Divx 5.x, Divx 6, Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2 H.264	1920x1080 @ 30P	20Mbit/sec	H264: Main Profile and High Profile @Level 4.0 MPEG4: Simple Profile and Advanced Simple Profile @Level 5	
rm, rmvb	RMVB, RM	rm codec	1920x1080 @ 25P	10Mbit/sec	RV8, RV9, RV10	
mkv	MKV	H.264, MPEG1,2,4	1920x1080 @ 30P	20Mbit/sec	H264: Main Profile and High Profile @ Level 4.0 MPEG4: Simple Profile and Advanced Simple Profile @Level 5	

divx, avi	AVI(1.0, 2.0), DMF0,1,2	MPEG2, MPEG4 Divx 3.11, Divx 4, Divx 5, Divx 6, Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2	1920x1080 @ 30P	20Mbit/sec	MPEG2: Main Profile MPEG4: Simple Profile and Advanced Simple Profile @Level 5
Motion JPEG	AVI, MOV	JPEG	640x480 @ 30P	10Mbit/sec	
ts	ts	AVS	1920x1080 @ 30P	20Mbit/sec	AVS Jizhun profile @ Level 6.0

MediaCodec Spec. Audio

Audio Codec	File Extension	Bit Rate	Remark
MPEG1 Layer2	MP3	32Kbps ~ 448Kbps(Bit rate) 32KHz ~ 48KHz(Sampling rate)	Depends on RAM size
MPEG1 Layer3	MP3	32Kbps ~ 320Kbps(Bit rate) 32KHz ~ 48KHz(Sampling rate)	
AC3	(work with video files only)	32Kbps ~ 640Kbps(Bit rate) 32KHz, 44.1KHz, 48KHz(Sampling rate)	杜比专利, 后继交专利费用。
EAC3	(work with video files only)	32Kbps ~ 6 Mbps 32KHz, 44.1KHz, 48KHz(Sampling rate)	杜比专利, 后继交专利费用。

AAC, HEAAC	M4A/AAC	24Kbps ~ 384Kbps(Bit rate) 8KHz ~ 48KHz(Sampling rate)	杜比专利, 后继交专利费用。
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MediaCodec Spec. Photo

Image	Photo	Resolution (Mstar suggest)	Required DRAM size (Mbytes)	Remark	width	height	bytes
JPEG	Base-line	15360x8640	3.96		15360	8640	4147200
	Progressive	1024x768	6.00		1024	768	6291456
PNG	non-interface	9600x6400	3.66		9600	6400	3840000
	interface	1200x800	3.66		1200	800	3840000
BMP		9600x6400	3.66		9600	6400	3840000

- 1) Resolution is kind of reference design, not hardware limitation. Because it is bounded by DRAM size and performance
- 2) More large resolution, more DRAM size
- 3) More large resolution, less performance (more time to show a picture)
- 4) Jpeg decoder is hardware decoder. Limitation of max resolution is 16360x16360
- 5) PNG/BMP decoder is software decoder (running on co-processor). Limitation of max resolution is depend on DRAM size