MEC Station Deluxe

Operation Instructions

Model No.MECSD-001

AVIAS

AVIAS LIMITED
www.iavias.com/www.mecstation.com

Netherlands / Germany Distributor:

SIMPEL Enter systems

Simpel Systems
www.simpel.com/mecstation

UK Distributor:

VIDEO4MOBILE LIMTED

VIDEO04MOBILE LIMITED
Website:www.video4mobile.co.uk
www.v4m.co.uk

Dear customer

Thank you for purchasing this product.
For optimum performance and safety, please read these instructions carefully.
Before connecting, operating or adjusting this product, please read these instructions completely.
Please keep this manual for future reference.

CAUTIONS

1. Never attempt your own maintenance. If something appears strange, please turn the player off and consult your dealer.
2. Do not exposing the MEC Station to high humidity, dust, steam, oil, smoke, direct sunlight etc.
3. Do not use thinner or other chemical reagent. Wipe the MEC Station off with a soft cloth if it gets dirty.
4. Do not leave the MEC Station in excessively hot or cold places.
   Permissible storage temperatures for MEC Unit are within the range of -30℃ to +60℃.
   Permissible storage temperatures for Battery Pack are within the range of 0℃ to +45℃.
5. Only use provided adaptors and power sources.
6. Turn power off when not in use and unplug the adaptor.
7. Avoid dropping and strong impact of the unit.

Included Accessories

(MECSD-UN-001) MEC Unit.....1

(MECSD-RC-001) Remote Control.....1

(MECSD-AV-001) Headphone Cable.....1

(MECSD-AV-002) AV CABLE.....1

(MECSD-LK-001) 1394 Firewire Cable.....1

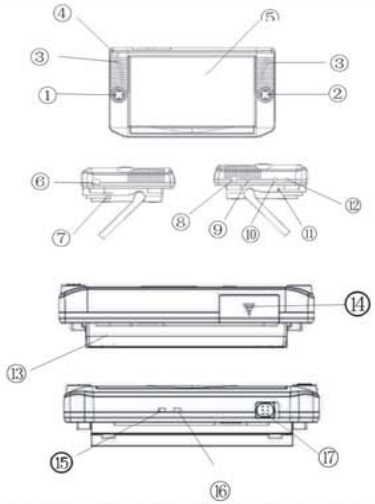
(MECSD-AD-001) AC Adapter.....1

(MECSD-AD-002) AC Power supply cord.....1

(MECSD-BA-001) Rechargeable battery pack.....1

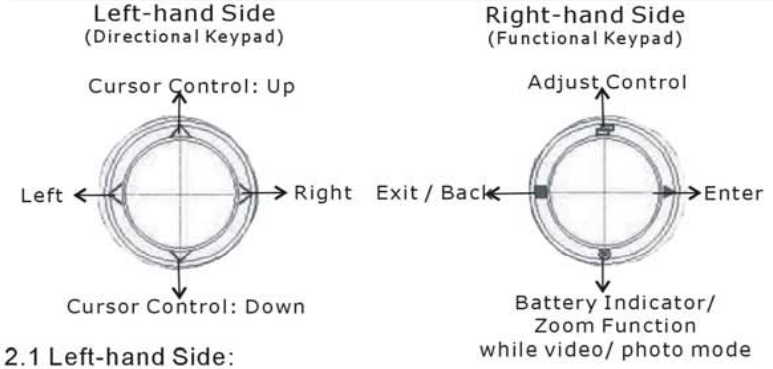
(MECSD-CP-001) Case Pouch.....1

1)Main Part



①Function & Navigation Dual Controller(Left Hand Side)
②Function & Navigation Dual Controller(Right Hand Side)
③Speaker System(Powerd by 2 watt amplifier)
④IR Reveiver Window
⑤6.5" Corlor LCD Screen
⑥MEC DC In
⑦Battery DC In
⑧IEEE 1394 Computer Connection
⑨Headphone Outlet
⑩Audio Out
⑪Battery LED Light
⑫Video Out
⑬Battery
⑭CF Card Door
⑮MEC LED
⑯HD LED
⑰Power Switch

2) Control Key:



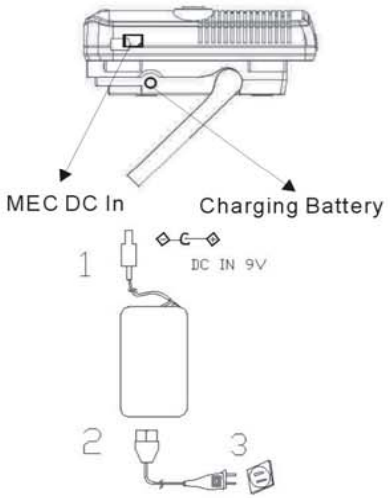
2.1 Left-hand Side:

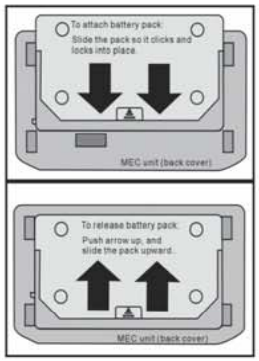
	Main Menu/ Sub-menu	While Media play	When Zoom Function On
⊕	UP	Next File	Vertical Zoom In
⊕	DOWN	Previous File	Vertical Zoom Out
⊕	LEFT	Fast Backward	Horizontal Zoom In
⊕	RIGHT	Fast Forward	Horizontal Zoom Out

2.2 Right-hand side:

	Main Menu/ Sub-menu	While Media play	When Zoom Funtion On
⊕	×1 Volume ×2 Brightness ×3 Contrast		
⊕	Battery Status		×1 Zoom on ×2 Zoom off
⊕	Return to Previous Menu		Stop Media Play
⊕	Enter / Confirm		×1 Pause on ×2 Continuous play

2) Power

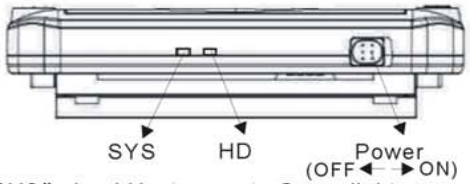




- Using provided AC-DC Adaptor (MECSD-AD-001) OR
- Using provided Lithium Battery (MECSD-BA-001)

To provided 9V/2A power requirement.

4) Switch "ON"

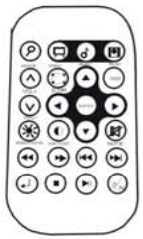


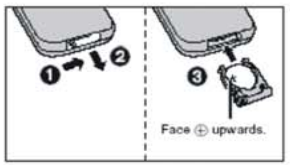
- The "SYS" should be turn on to Green light;
- The "HD" should be turn on to Red light;
- The LCD panel should be start-up screen "Loading for show....." (Shown as below) and then switch to MEC operation system after 3~5 seconds

5) Remote Control:

Remote Control Battery Replacement:

■ Battery(Lithium battery replacement:CR2025)





- Search
- Video
- Music
- Photo
- Volume+
- Volume-
- Zoom
- On screen display information
- Enter
- Brightness
- Contrast
- Mute
- Fast Backward
- Fast Forward
- Previous File
- Next File
- Return
- Stop
- Pause on
- PAL/NTSC

Transferring Files to MEC STATION

You can transfer files to your MEC Station.Connect your MEC Station if isn't already connected to your computer using the provided 1394 FireWire cable as previously illustrated.

Note: Don't disconnect the 1394 FireWire cable during file download. Doing so may corrupt system files or thefiles being downloaded. It is highly recommended that the MEC Station be connected tothe main 1394 FireWire port on the PC or a self powered FireWire hub.

6.1 Transfer Files Via Windows Explorer (Drag and Drop)

If your MEC Station isn't already connected to your computer, connect it using the provided 1394 FireWire cable.
From Windows Explorer, open the MEC drive. Open the drive where the files/folders you want to transfer are located, and highlight them. Drag the files/folders to the associated folder on the MEC drive.

Supported multimedia files should be stored in the following folde structure off of the root of the hard drive to ensure the files will be properly recognized by the device:
Audio Content-it is highly recommended that all supported audio files (mp3 or WMA) be stored in the *AUDIO* system folder to allow for easy navigation and organization of the contents of the MEC.Photo Content- supported photo files (JPG) must be stored in the *PHOTOS* system folder in order to be available for viewing on the device. Sub-folders may be created under the *PHOTOS* system folder for easy navigation and organization of your image files.

Video Content- supported video files (MPEG4 in avi file form at) must be stored in the *VIDEO* system folder in order to be Available for playback on the device. Sub-folders may be created under the *VIDEO* system folder for easy navigation and organization of your video content.

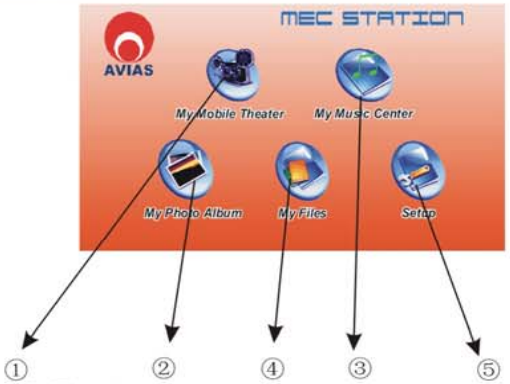
Note: If a CompactFlash memory card is properly inserted, an additional drive is available throughWindows Explorer to transfer content onto. Please ensure the correct drive is being used when transferring content from the device.

CompactFlash Content- When a CompactFlash memory card is properly inserted into the device, the contents will appear in FILES system folder. Only Photo content will be available for direct playback (viewing) on the MEC Station. Audio and Video content must be copied onto the device's hard drive in order to be available for playback. Audio and Video content on the CompactFlash memory card may also be copied to a computer for playback.

6.2 Downloading Video to Your MEC Station

You can download video content from your computer using the supplied 1394 FireWire cable if your computer has a FireWire port. You can also insert a CompactFlash memory card to the CompactFlash port and use the supplied 1394 FireWire cable to download vide content to your CompactFlash memory card. Go to page previous section for more information.

7)Main Screen



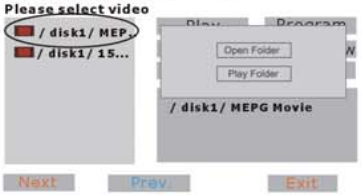
①My Mobile Theater
②My Photo Album
③My Music Centre
④My Files
⑤Setup

8)Video Playing

Movie Playing

8.1 Press the Left & Right Key to highlight movie and press Enter:
The screen will display as following:

8.2 Select the movie and press "ENTER" to play:
The screen will display as following:



8.3 Select the "Open Folder" and press "ENTER":
The screen will display as following:

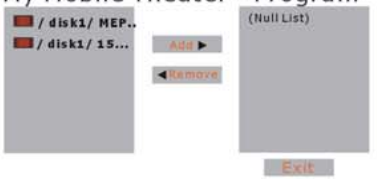
8.4 Select the movie and press "ENTER" to play the movie.

8.5 Select the "Play Folder" and press "ENTER": the MEC will display all the movies of the folder.

8.6 The "Play" Function will be use with "Program" Function:

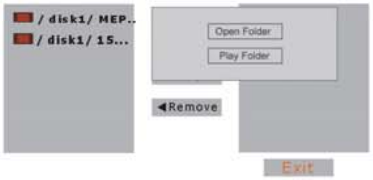
8.6.1 Select the "Program" and press "ENTER",
The screen will display as following:

My Mobile Theater - Program



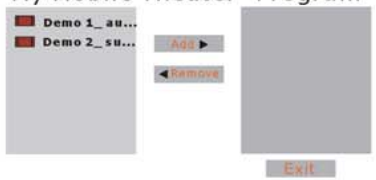
8.6.2 Select the movie and press "ENTER",
The screen will display as following:

My Mobile Theater - Program



8.6.3 Select the "Open Folder" and press "ENTER" ,
The screen will display as following:

My Mobile Theater- Program



8.6.4 Select the movie and press "ENTER" for setup a playlist and then press [↵ Return] button to back to [My Movie Theater] and press [Play] to run the playlist from program.

8.6.5 Select the "Play Folder" and press "ENTER" , the movie will be select to the playlist. then press [↵ Return] button to back to [My Movie Theater] and press [Play] to run the playlist from program.

8.7 Select the "Delete" and press "ENTER" ;
The screen will display as following:

My Mobile Theater- Delete

8.7.1 Select the movie and press "ENTER"
The screen will display as following

My Mobile Theater- Delete

8.7.2 Select the movie and press [Enter] button to delete the movie. The "Details area" will display: If you have already selected the files what you need, please .....etc.

8.7.3 Press "Enter" key to delete the files what you select. The "Details area" will display: Delete file finished.

8.7.4 Press "Cancel" key and press "Enter" to cancel to delete the files what you select.

8.7.5 Press "Select CF All" key and press "Enter" to delete all the files of the CF Card. The "Details area" will display: Delete file finished.

8.7.6 Press "Select Hard Disk All" key and press "Enter" to delete all the files of the Hard Disk. The "Details area" will display: Delete file finished.

8.7.7 Press "Cancel All" key and press "Enter" to cancel to delete all the files what you select.

Warning: once the file delete being proceed, the file can not recover. PLEASE BE SURE BEFORE PROCEED

8.8 Select "Rename" and press "Enter"
The screen will display as following:

My Mobile Theater - Rename

8.8.1 The operation of [Enter], [Cancel],[Select CF All],[Cancel All],[Select Hard Disk All] is the same as "Delete" .

8.8.2 Select the file and press "Enter" , Using the Left & Right Key to move the cursor to "Keyboard Section" to select the name what you need and press [Finish] to complete.

8.9 "Slideshow" only can be used in "My Photo Album" .

8.10 Select the "Copy" and press "Enter" ,
The screen will display as following:

My Mobile Theater- Copy

8.10.1 Select the movie and press “Enter”
The “details area” will display as following:

8.10.2 Press the [Enter] button
The screen will display as following:
My Mobile Theater- Copy

8.10.3 Select the destination directory and press “Enter” to copy. It’ ll use few minutes to finish copy and the “Details area” will display as following:

8.10.4 Press “Exit” button and return to the [My Mobile Theater] menu, then you can find the files in the destination directory.

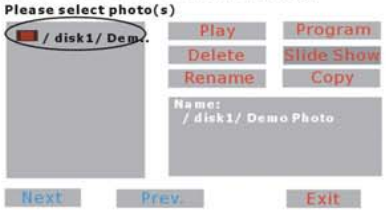
9)Music Playing

- The operation of [My Music Center] is the same as [My Mobile Theater]

10)Viewing Photo

Viewing photo

10.1 Press the Left & Right Key to [My Photo Album] and press Enter;
The screen will display as following:



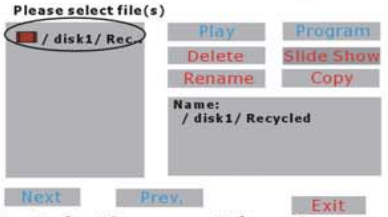
10.1.1 The operation of “Play” “Program” “Delete” “Rename” “Copy” is the same as [My Mobile Theater]

10.1.2 Select the file and press “Slideshow” button then the MEC Unit will display all the photo(s) of the file what what you select.

11) My files

Files manage

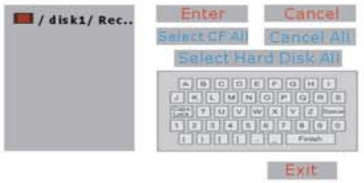
11.1 Press the Left & Right Key to [My Files] and press “Enter”
The screen will display as following:



11.1.1 The “Play” & “Program” function can’ t be used in [My Files].And the operation of “Delete” “Rename” “Copy” is the same as [My Mobile Theater].

11.1.2 Select “Create Folder” and press “ENTER” .
The screen will display as following:

My Files - Create-Folder



1.3 Using the Left & Right Key to move the cursor to "keyboard Section" to select the new folder name and press "Finish" for complete.

12) SETUP

12.1) Select [Setup] and press "ENTER", The screen will display as following:

12.2) Slideshow

- Select the [Manual] or [Automatic] frame change for photo slideshow;
- For[Automatic] option, this can be setting the time interval for photo show;

12.3) Wallpaper

- Select the the photo as wallpaper in every menu;

12.4) Hard Disk Information

- Display the hard disk information for total capacity,used size, free space size;

12.5) Sleep Mode

- Setting the time for sleeping mode in idle time, music playing time, photo display time;
- While in sleep mode, please press the [LCD Off] to activate the system;

12.5) Output Format

- Output option for [16:9], [Normal (4:3)], [Pan Scale] for selection;

12.6) Security

- Factory default for password is [888888]
- New password limit for 6~8 characters;
- Password will required every time unit turn on after enable the security option;

12.7) MASTER RESET

- To return all setting to factory default;

13) Other fuction

13.1 Volume/ Brightness/Contrast Adjust.

1. Method A: Use remote control, and press ▲ and ▼ button to adjust.
2. Method B: Use the button of the unit.
   1: Press the up button of the right key of of the unit:
   Volume→Briightness→Contrast.
   2: press ▲ and ▼ button to adjust.

13.2 Zoom

When you are scanning photo or watching movies, you can Zoom the picture.

1. Press Zoom button.
2. Press ▲ and ▼ button to Zoom the picture at vertica / horizontal direction.l

13.3 Search

Using this function, you can search and play when you are playing music or moives.

1. Press Search button
2. Press direction buttons to select hour, minute and second.
3. Press the number buttons to enter the time that you want to select.
4. Press the Enter button to confirm.
5. Press the Search button again go give up search.

13.4 PAL/NTSC

Using this function, you can change the system of video output.

13.5 OSD

1. Using this function, you can see the information of the file that you are playing.
2. Press OSD button again, the OSD will disappear.

13.6 Mute

Press Mute button, you can mute the volume, Press Mute button again, you can resume the volume.

13.7 Files Download

1. Connect the unit to PC by 1394 fireWire. The unit will become a hard disk of PC. You can copy files to the hard disk of CF Card.
2. Copy files between hard disk and CF Card. The method is as Files copy.
3. Download photos from Digital camera.

3.1 If your photo store in Cf Card (if your digital camera use the other model card, you can change it to CF Card by CF Card adaptor), the copy method is as 2..

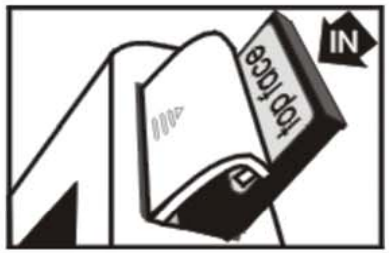
3.2 Download the photos to PC, then Download the photos to the unit.

13.8 Software Upgrade.

If our company upgrade the software of the unit, you can obtain the software from our website. You can download the software to the CF Card, insert the CF Card to the unit. Turn on the power, wait for a moment, after finished upgrade, the LCD panel will turn on automatically.

Please Note: You must format your CF Card using FAT32 system.

14) Using CF Card.



14.1 Open the CF Card cover.
14.2 Insert your CF Card.
14.3 Turn on the power.

Please Note: If you want to remove the CF Card, please turn off power of the unit first.

15) BATTERY WARANING

15.1 To reduce the risk of fire or burns.
15.2 Do not disassemble, crush, puncture, or short external connectors contacts.
15.3 Use only with specified charger and player.
15.4 So not dispose of in fire or water.
15.5 Do not expose to high temperature above 60℃(140° F).
15.6 Store between 0℃(32° F) and 60℃(140° F).
15.7 Keep away from children..

FCC Part 15 Warning Statement:

Warning:

Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user authority to operate the euipment. Any change to the equipment will void FCC grant.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not intalled and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

--Reorient or relocate the receiving antenna.

--Increase the separation between the equipment and receiver.

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio / TV technician for help.

FCC ID Number: SBHAV2238MEC2

For all technical support or problem, please contact with AVIAS directly, by send a email to: Info@iavias.com

Product Specification

Operating temperature range: +5 to + 35 ℃(41 to +95℃)

Operating humidity range: 5- 90 % RH (no condensation)

Diagonal LCD screen size: 6.5" TFT wide-screen (16:9) LCD Display

Supported digital media type:

VIDEO: DivX 4.0, 5.0, MEPG4
DVD Quality 720×480
MEPG2 includes MPG file and VOB file (DVD, SVCD)
MEPG1 includes MPG File and DAT file (VCD file)

Supported resolution:
MEC Station DELUXE supported from QCIF to D1 resolutions
QCIF (176×144PAL; 176×120NTSC)
CIF (352×288PAL; 352×240NTSC)
1/2D (352×576PAL; 352×480NTSC)
1/3D1(480×576PAL; 480×480NTSC)
D1 (720×576PAL; 720×480NTSD)

Digital Component: 8/16-bit YUV and 24-bit RGB

Video Interface System NTSC

Output Composite video (RGB)

AUDIO

D/A Converter	24 bits/ 96 kHz
MP3 Audio	Yes
WMA Audio	Yes

Virtual Surround 3D / Headphone Build-in 2 watt Amp

Storage Device Build-in 20GB, 40GB, 60GB Hard Disk Drive

Hard Disk Ultra DMA 133/100/66 IDE ATA interface standard

Compact Flash Slot Supports nearly all popular flash media, includeSD card, Memory Stick, Smart Media

Connecting with PC IEEE 1394 A interface

1394 FireWire Data Transfer Rate > 400 Mbps

File Management MEC station supports basic file management feature

User Operation Interface

LCD and On-board Keypad	Yes
OSD (On Screen Display) on TV	Yes
IR Remote Control	Yes

EXTRA

JPEG, GIF, TIF Viewer	Yes
Zoom	Yes
Screen Saver	Yes
Frame Search	Yes
Personal Password	Yes
Wallpaper Change	Yes

Terminals

Headphone	1
L-R Audio	1
Composite Video	1
1394 FireWire	1
CF Slot	1
Power Jack	1

AC adaptor MECSD-AD-001:
Power source:AC 100-240 V, 50/60 Hz
DC output:9V, 2000mA

Battery pack MECSD-BA-001 (lithium ion)

Voltage:	7.4V
Capacity:	3000mAh
Playing time:	3.5 Hour Li-ion

Weight: 0.88 lbs without battery

Dimension: 7.52" x 4.33" x 1.02"

Note
Specifications are subject to change without notice.
Mass and dimensions are approximate

Power consumption in standby mode: 0.8 W (when using included AC adaptor)

Please Note: This manual is only for you reference, any change to the design and specifications will not be advised.

Important Note:

Please insert / remove CF Card in the Main Menu, and wait the system refresh before next operation.