

# DV-36

User's Guide v1.0



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## Chapter

# 1

# Introduction

## Package Contents

Carefully examine the contents of the package as shown below.



- DV-36 MPEG-1 Digital Player
- Power Adapter
- Audio/Video Cable

Chapter

2

# Setting Up

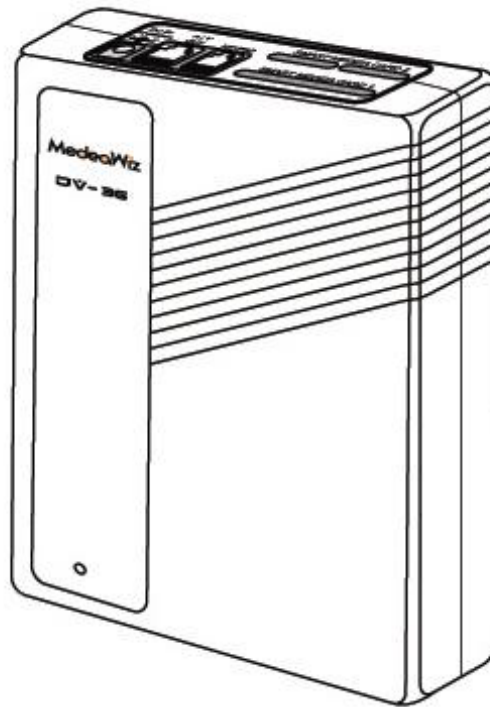


## Chapter 2 – Setting Up

# Connect to Any Display with A/V Inputs

## Step 1: Unpack Your DV-36

Remove the packing material and the plastic bag from outside of DV-36.

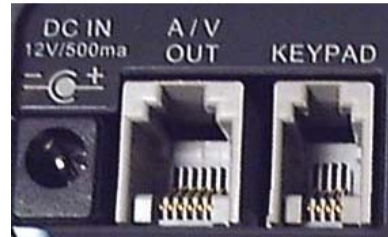


**Caution:** DO NOT plug in the power before the Smart Media Card is inserted into DV-36 card slot. MedeaWiz recommends that the Smart Media Card to be inserted into the slot first, and then the power can be applied to the unit as described later.

## Chapter 2 – Setting Up

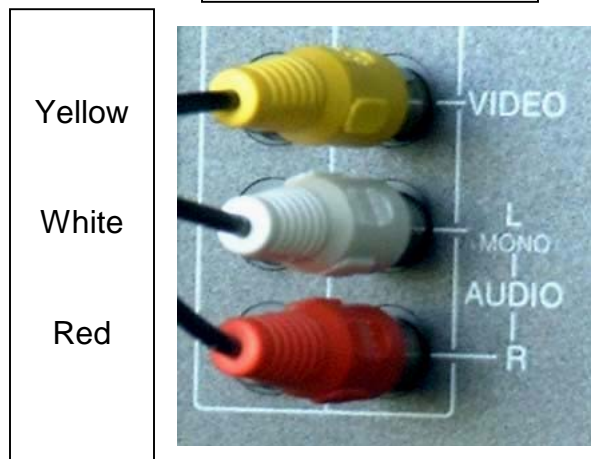
### Step 2: Setting Up the A/V Cable

- 1 Plug in the modular end of A/V cable to the jack located at the side of DV-36.



Audio/Video Inputs

- 2 Plug the other end of the cable into the display input jacks.
- 3 Turn on the power of the displaying device, and change the channel to the corresponding A/V input channel if necessary.



## Chapter 2 – Setting Up

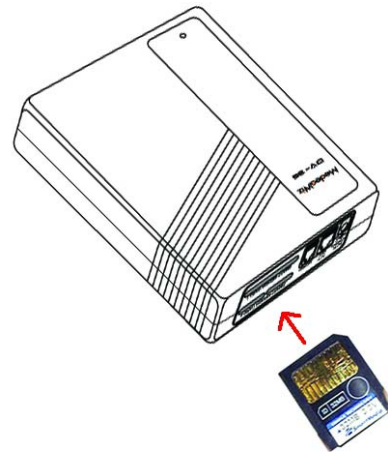
### Step 3: Insert Smart Media Card

The Smart Media Card must be “bit error free.” Certified Smart Media Cards are available through MedeaWiz. DV-36 can only read Smart Media Cards that are programmed by MedeaWiz’s DV-36P in bit-to-bit format.

- 1 Insert the Smart Media Card into the card slot on the side of DV-36.

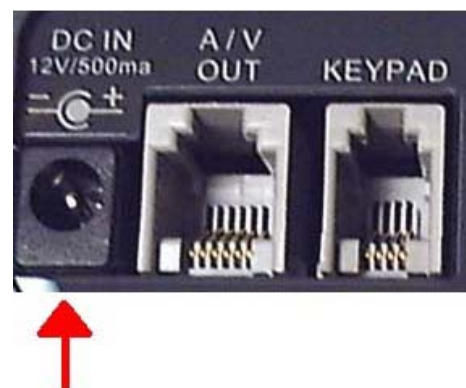
**Note:** Insert the Smart Media Card with the gold plated pad facing the topside and the end with the cut off corner first.

See picture at right.



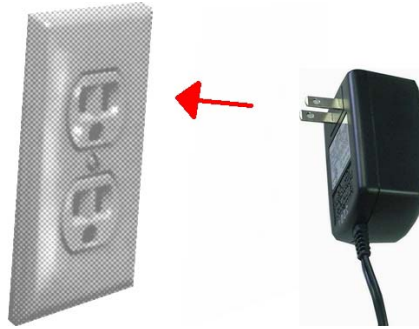
### Step 4: Plug in the Power

- 1 Plug the power adapter's cord into the “DC IN” on the side of DV-36.



## Chapter 2 – Setting Up

- 2 Plug the other end of the power adapter into an electrical outlet.





### Play a Video Clip!

If everything is setup correctly, the video clips should start playing. Depending on how the tracks on the Smart Media Card are programmed, the DV-36 player will play accordingly. For more information on how to program the tracks to be played, see DV-36P Smart Media Card Programmer User's Guide.

**Note:** *The unit is designed for "Auto-run" on power up, and it will start playing the contents on the Smart Media Card when power is supplied.*

## Accessories

### Control the Playback of Video Clip Tracks with DV-36K, and Program The Smart Media Card Quickly with the DV-36P Smart Media Card Programmer!

-  **DV-36K** – The DV-36K is an invaluable accessory to the DV-36 MPEG-1 Digital Player. Its incredible versatility allows complete control over playback. It is as simple as plug and play - just plug connect to the DV-36 player and you will have a dynamic interface with the video presentation.
-  **DV-36P** – The DV-36P Smart Media Card Programmer allows you to write and re-write MPEG-1 video files onto the widely available Smart Media Card. Programming is fast and easy using the included media management software on your PC. Simply connect the DV-36P Programmer to your computer's USB port, arrange the MPEG video files according to the playback script you desire, and, within minutes, the DV-36P will record your content on the Smart Media Card and it is ready to be played on your DV-36.
-  **DV-36M** – The DV-36M Memory Card Module upgrades the DV-36 to dual Smart Media Card capability and you can play up to 24 minutes of video and audio.

Chapter


4


# Troubleshooting


## Chapter 4 – Troubleshooting


### General Troubleshooting

#### The power is on, but there is no video playing...


 **AV connection.** Check your A/V connection and make sure that they are setup correctly. Also check your display for the correct channel.


 **Smart Media Card.** Make sure that the Smart Media Card is inserted correctly into the DV-36. The files on the card should have “.mpg” extensions. See instructions for DV-36P.

 **Media format.** For best results, use Certified Smart Media Cards from MedeaWiz and record using MedeaWiz DV-36P Smart Media Card Programmer. MPEG-1 video files should meet MPEG-1 VCD specifications.

 **Power.** Make sure that the power supply for the DV-36 is supplying the proper 12V DC 0.5A to the unit.


#### There is sound, but no video...


 **AV connection.** Check your A/V connection and make sure that the setup is correct as shown on page 3. Also check your display for the correct channel.

 **Media format.** For best results, use Certified Smart Media Cards from MedeaWiz and record using MedeaWiz DV-36P Smart Media Card

Programmer. MPEG-1 video files should meet MPEG-1 VCD specifications.

#### I can see the video, but I can't hear any sounds...

 **AV connection.** Check your A/V connection and make sure that the setup is correct as shown on page 3. Also check your display for the correct channel.

 **Media format.** For best results, use Certified Smart Media Cards from MedeaWiz and record using MedeaWiz DV-36P Smart Media Card Programmer. MPEG-1 video files should meet MPEG-1 VCD specifications.



## **Chapter 4 - Troubleshooting**

### **Frequently Asked Questions (FAQ)**

#### **How do I play a video?**

Simply insert a Certified Smart Media Card with MPEG-1 VCD format video clips on it to the DV-36 and plug in the power. That's it! (See page 2)

#### **How do I change tracks?**

You can use the touch screen if the DV-36 is supplied with it. Otherwise you can use the optional control keypad (DV-36K) to change tracks. Tracks will change to next track automatically at the end of each clip.

#### **How do I copy my video clips to a Smart Media Card?**

Use MedeaWiz's DV-36P Smart Media Card Programmer to put the video clips with extension ".mpg" onto a Certified Smart Media Card in order to play on DV-36.

#### **How do I see how many tracks are in my Smart Media Card?**

Use MedeaWiz's DV-36P Smart Media Card Programmer in order to see the tracks. Manage the contents on the card easily with the included software.



## Chapter 4 - Troubleshooting

### In-depth Technical Questions

#### What is DV-36's power specification?

DV-36 requires a power adapter that outputs DC 12 V and 0.5 A.

#### What format should I use for the Smart Media Card?

The Smart Media Card must be written bit-to-bit on a Certified Smart Media Card. The optional DV-36P programming module will write the video files to the Smart Media Card in the required format. Certified Smart Media Cards are available through MedeaWiz retailer or representative.

#### What sizes of Smart Media Card can I use with DV-36?

DV-36 currently supports up to 128 MB Smart Media Card.

#### What is the format for the video and audio that I should use in my video clips for the DV-36?

The video format for DV-36 should be MPEG-1; 352 x 240; 1,150 kbps, and the audio format should be MPEG-1 Stereo 44100 Hz; 224 kbps. This format is also called the MPEG-1 VCD format.

#### What is the maximum number of tracks that I can have in my Smart Media Card?

DV-36 can play up to 255 tracks.



## Chapter 4 - Troubleshooting

### Additional Video Playing Questions

#### The video plays slow and jumpy on my DV-36...

Check the video format of the video clip. It must be MPEG-1 VCD format with video encoding settings of 352 x 240 & 1,150 kbps.

The video will play slow and jumpy if you have any settings higher than MPEG-1 VCD.

**Note:** *Most video playing quality and difficulties are caused by incompatible video clip encoding.*

#### The audio plays unclear and jumpy on the DV-36...

Check the audio encoding format.

If the audio format is correct, (MPEG-1 Stereo 44100 Hz, 224 kbps), and it plays unclear and jumpy on the DV-36.

1. Record the audio from the source in a separate audio file with CD-quality settings.
2. Encode the video file and audio file together in MPEG-1 VCD format in a ".mpg" file.
3. Using the DV-36P, record the ".mpg" file to the SMC.

Generally speaking, the audio, although in the right format, plays unclear and jumpy because its original source isn't CD-quality. If the video clip is captured from a source, you will need to record the audio separately with CD-quality settings, then follow the steps above.



## Chapter 4 - Troubleshooting

### Care and Maintenance

DV-36 likes to stay in a place that is cool and dry, as far away from excessive sunshine as possible. Keep the DV-36 away from high humidity and water.

Humidity may affect the electrical components within DV-36. Avoid situations that might allow water to come in contact with the DV-36.

The electrical components within DV-36 can be damaged by impact.. Although the housing of DV-36 provides some protection against impact, there are some delicate components that can be damaged by impact. Exercise care to prevent any impacts on DV-36.

While playing a video clip, do not remove the Smart Media card. The card may be damaged if removed while power is applied. **Unplug the power first**, and then remove the card. Insert a new card, and then restore the power.

Always verify that the SMC is in the card slot before the power is applied. Always remove the power before the card is removed.

## Appendix

# A

# Specifications

## Specifications

System Type	Digital Video Playback
Dimension	6.25"(L) x 4.25"(W) x 1.25"(H)
Power Consumption	6 W
Operating Current	12V 500mA
Operating Voltage	12 VDC Nominal (9-15 VDC)
Video Output	NTSC/PAL
Audio Output	MPEG-1 Level 2 Stereo
Video Format	<b>MPEG-1 (VCD) / JPEG</b> - Video: MPEG-1; 352 x 240; 1,150 kbps - Audio: MPEG-1 Stereo 44100 Hz; 224 kbps
Storage Format	Certified Smart Media Card
File Format	Bit-to-bit
Max. Memory	256 MB (with DV-36M)
Max. Playback Time	24 mins (with DV-36M)

**Note:** For complete instructions, see the User's Guide for DV-36M.



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