

MEGAPOWER

**User's Manual
MODEL MVP232
HIGH RESOLUTION
PORTABLE DIGITAL PRESENTER**



VISUAL PRESENTER

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Note:

1. The appliance inlet of the power supply is the disconnecter from mains and must be anytime easily accessible.
2. The maximum noise level of the product is LPA£70dB (A) DIN 45635-19-01-KL2.
1. Der Gerätestecker des Netzteiles bildet die Trennvorrichtung zum Versorgungsstromkreis und muß jederzeit leicht zugänglich sein.
2. Max. Geräuschpegel: LPA£70dB (A) DIN 45635-19-01-KL2.

FCC Information

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense

Instruction to Use

This equipment generates and uses the radio-frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio and television reception. It has been tested and found to comply with the limits for a class A computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. If this equipment does cause interference to radio or television reception, the user may try to correct the interference by one or more of the following measures:

1. Reorient the receiving antenna for the radio or television.
2. Relocate the equipment with respect to the receiver.
3. Plug the equipment into a different outlet so the equipment and receiver are on different branch circuits.
4. Fasten cables using mounting screws to ensure adequate electromagnetic interference controls.

Acknowledgments

The followings are registered trademark or trademarks of their respective corporations:
IBM, Microsoft.

Chapter 1

Introduction

1.1 About Your Portable Digital Presenter

The Portable Digital Presenter is a convenient, versatile, state-of-the-art presentation system. It is an effective and valuable tool for presenting printed material or 3-D objects on a TV or through a multimedia projector onto a large screen. The enlarged display allows large groups simultaneously view the object clearly and lively, and is particularly well suited for business meetings, conferences and group instruction.

The following lists some of the specific features of the Portable Digital Presenter:-

- Perfect match with LCD/DLP projectors.
- VGA output with up to XGA resolution.
- High sensitivity and low illumination. The minimum illumination is 0.5 Lux.
- Close up focus down to 1 cm.
- Positive/Negative function gives very good color reproduction for negatives.
- Save images to PC via the USB port
- 13x Digital Zoom and Mechanical zoom (goose neck).
- IR remote control allows more convenient operation.
- Comparison of Live and Saved images.
- Light weight and small size. Easy to carry around, deluxe carrying bag included.

1.2 Safety Information

Please read these instructions before using your Portable Digital Presenter. Failure to comply with these instructions could result in electric shock, fire, personal injury or damage to your Portable Digital Presenter.

Power Source

Check the power specification plate on the back of the Digital Presenter. Ensure that your line voltage matches with the rating of the Digital Presenter. **The Digital Presenter accepts AC power 90-264V, 43-67 Hz power sources.**

Technical Service

Unplug this Digital Presenter from the wall outlet and refer servicing to authorized technical staff under the following conditions:

1. When the power adaptor or plug is damaged or frayed.

2. If liquid has been spilled into the Digital Presenter.
3. If the Digital Presenter has been exposed to rain or water.
4. If the Digital Presenter does not operate normally by following the operating instructions. Adjust only those controls, which are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by the authorized technical staff to restore the Digital Presenter to normal operation.
5. If the Digital Presenter has been dropped or the cabinet has been damaged.
6. If the Digital Presenter exhibits a distinct change in performance

1.3 System Contents

Handle your Digital Presenter carefully as you remove it from the shipping box. The following items should be included in your package:

1. Digital Presenter
2. AC/DC Power Adapter
3. VGA Cable
4. USB Cable
5. VGA In Adaptor Cable
6. Remote Control
7. User's Manual
8. Carrying Bag

Check to make sure all parts are included in the shipping box. If any are missing, contact your dealer immediately.





USB Cable



**VGA In
Adaptor Cable**



**Remote
Control**

MVP232
**User's
Manual**

User's Manual



Carrying Bag

Chapter 2

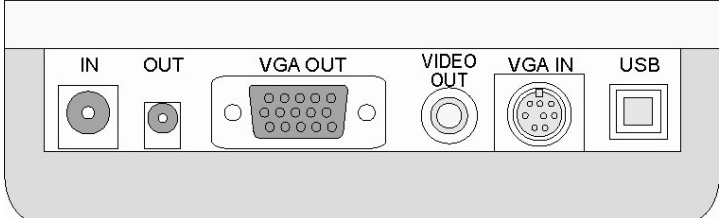


2.1 Setting Up

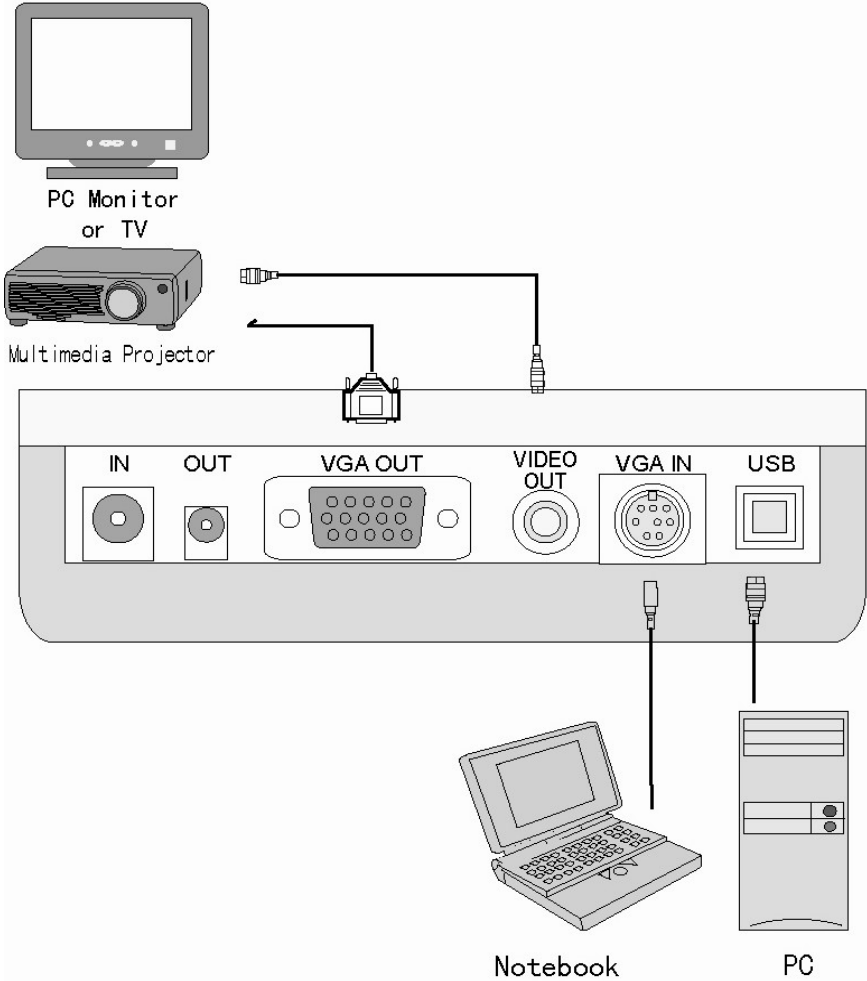
1. Place the Portable Digital Presenter on a flat surface. Raise or Adjust the Goose Neck and turn the CCD camera so that the camera lens is pointing to the object to be displayed.
2. Plug DC jack of the AC Power Adapter into the port labeled DC 12V on the rear panel of the Digital Presenter.
3. Plug the power adapter into a convenient AC outlet.
4. Follow the instructions in section 2.3 to connect other cables.
5. Place the object in front of the digital presenter. Push the "SOURCE" button on the top of the base to select the Presenter VGA output or input. Rotate the Focusing Knob to get a sharp image. Adjust the height of the Goose Neck to vary the size of the displayed object.
6. To select Video Output, press the "SIGNAL" button on the remote control.

2.2 Connector Panel

This illustration shows the connector panel on your Digital Presenter. Refer to this figure when connecting the Digital Presenter.



2.3 Connecting to TV or Monitor or Multimedia Projector



Chapter 3

Using the Digital Presenter

3.1 Control Buttons

The following describes the control button on the Remote Control and Control Panel of the Digital Presenter.



Control Panel



- POWER** Power ON or Off the Presenter
- TELE** Zooms in and enlarges size of object
- WIDE** Zooms out and reduces size of object
- ROTATE** Rotates & Mirror the image
- LAMP** Power On the LED lamp

Remote Control

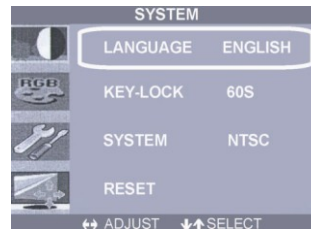
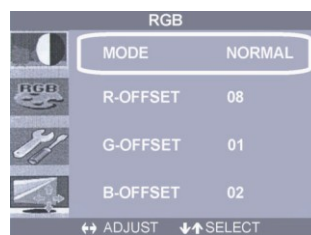
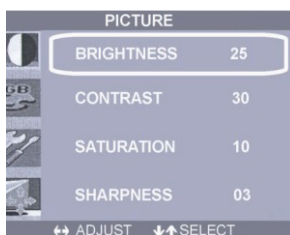
FREEZE	Freezes the current image
SIGNAL	Toggles between RGB & internal AV output
DIVISION	Compare current & stored image
NEGATIVE	Press this function for negative film
CAPTURE	Stores images
PLAYBACK	Recalls stored images
NEXT	Shown next stored images
TEXT	Toggles between Text & Image mode
B/W	Selects Black/White or Color
Other Keys	No function in this model

OSD Control

OSD menu: PICTURE, RGB, RESOLUTION & SYSTEM

Continuously press the "AF" button for over 3 seconds to enter **OSD Menu**

then press "WIDE" or "TELE" & "FAR" or "NEAR" button to select or adjust the menu



Chapter 4

Care and Maintenance

The information in this chapter describes how to care for and prevent accidental damage to your Digital Presenter. You should treat your Visual Presenter with the same care you would give to any other valuable equipment.

4.1 Cleaning the Digital Presenter Housing

DO NOT try to service the Digital Presenter. Except for the lamps, the interior of the Digital Presenter contains no user-serviceable parts. Refer all Digital Presenters servicing to your dealer. Failure to do so can result in serious personnel injury or damage to the Digital Presenter.

DO NOT clean the housing with organic solvents, such as those containing acetone. Wipe the exterior of the housing with a soft, damp cloth. Protect the Digital Presenter from rain, snow or extreme temperature.

4.2 Cleaning the CCD Camera Lens

To clean the camera lens:

1. Apply a non-abrasive glass cleaner to a soft, dry cleaning cloth. Be careful not to use excessive amount of liquid glass cleaner. Also, do not use abrasive cleaners, solvents, or other harsh chemicals that might scratch the lens.
2. Lightly wipe the cleaning cloth over the lens from center to the edge in circular motion.

4.3 Transporting the Digital Presenter

The Digital Presenter is a highly sophisticated piece of electronic equipment that is sensitive to impact, excessive heat, cold and humidity. When transporting the Digital Presenter, use a protective carrying bag or use the original packing carton to minimize shock and impact.

Store and transport the Digital Presenter at temperature between 0 and 140 degrees Fahrenheit (-17 to 60 degrees Centigrade). Avoid storage in automobiles during seasonal temperature extremes. Automobile interior temperatures can exceed 160 degree Fahrenheit (70 degrees Centigrade) in summer. If the Digital Presenter has been exposed to extremely hot, cold or humid conditions, allow it to stand at room temperature for 30 minutes before use.

Chapter 5

Troubleshooting Guide

If you are having a problem operating the Visual Presenter, first make sure you have set it up according to the instructions in Chapter 3. You should also check the adjustments and the INPUT connections. Verify that all power is switched on. Before calling for service, check the troubleshooting suggestions in this chapter.

Problem

Solutions

No image on the TV or Monitor

Check cable connections. Check INPUT source selection is correct.

Remote Control does not function

Check that there are no obstacles between the remote control and the video presenter.
Check the battery in the remote control.

Appendix 1

Product Specifications for MVP-232

Projection Lens	f=6.0 mm, F=1.6
Zoom	13X Digital Zoom
Total Effective Pixels	1024 x 768 ; 1280 x1024
Resolution	800 TV Lines (VGA)
Focusing	Manual
Imager	1/3" 2 million pixel sensor
TV System	PAL or NTSC
Image Store	20 Images
Signal to Noise Ratio	>50 dB
Negative / Positive	Selectable
Color / B&W	Selectable
White Balance	Automatic
Image Freeze	Yes
Image Comparison	Yes, Live and Saved
RGB Mode	XGA, SXGA
Brightness	Adjustable
Input Ports	RGB x 1, DC In
Output Ports	RGB x 1, C-VIDEO x 1, USB x 1
Head Rotation	360 Deg.
Size	130(L)x140(W)x45(H)mm(Base) (5.1"x5.5"x1.8")
Weight	1 kg / 2.2 lb.
Power	DC 12V 1.5 A, 15W Power Consumption
Included Accessories	User's Manual, VGA Cable, Remote Control, AC/DC Power Adaptor, VGA In Adaptor Cable, Carrying Bag