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**FCC Information:**

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 when the equipment is operated in its installation. 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. If this equipment does cause harmful interference, the user will be required to correct the interference.

This Class B digital apparatus complies with Canadian ICES-003.

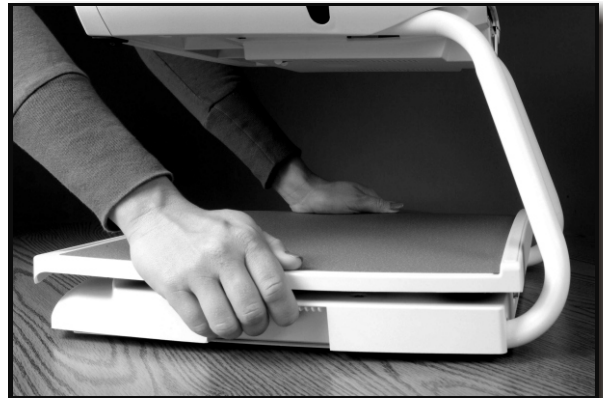
## Section 1: Unpacking & Set-Up

1. Remove User's Manual and power adapter from top foam compartments.
2. Next, pull UP on the rear portion of the foam, and then remove foam packing sleeve by sliding it off of the LCD Monitor.
3. Gently tilt LCD monitor back to its original position. Reach below sides of LCD monitor and firmly *grab hold of each side of camera unit* and lift unit out of foam packing in bottom of the carton (DO NOT pull up on LCD monitor).

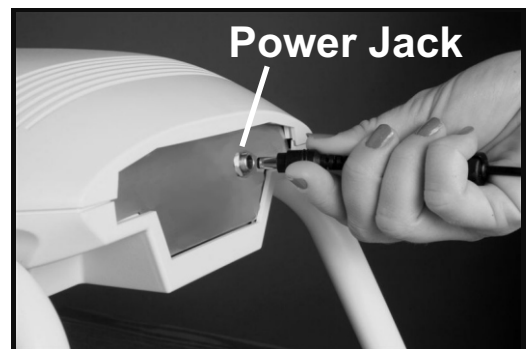


**IMPORTANT: DO NOT DISCARD** packing carton and materials. These should be kept in the event service or return of the unit is required.

4. Place Unit on sturdy desk, table or stand where it will be used. Avoid places near any heat source or direct sunlight. Using hand holds on either side of the base platform, position unit on desk surface to your preferred location. The bottom of the unit is equipped with rubber pads to protect the table surface and to prevent the unit from sliding.



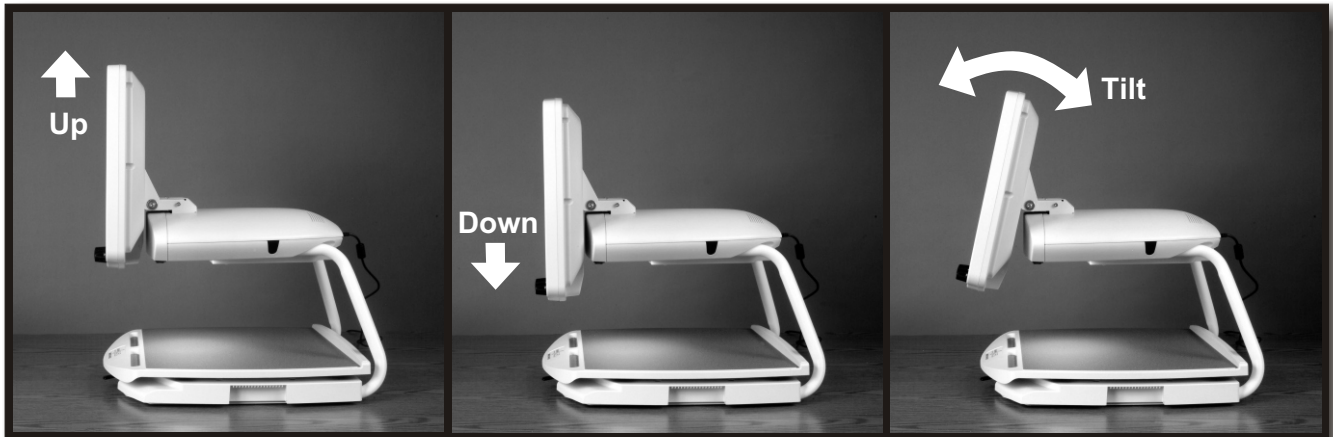
5. Next, connect the power adapter to the camera unit by inserting the DC power plug (small metal tip) into the Power Jack on the rear of the camera unit. Plug one end of the AC power cord securely into the power adapter and the other end into a surge-protected power strip (recommended) or a standard wall outlet.



## Set-Up (cont'd)

**\* For best performance and optimal image quality, the system should be at normal room temperature before turning the system ON (see Page 4).**

- 6. Tilt LCD Monitor to a vertical position. Adjust Monitor to desired height by gripping both sides of the LCD monitor and sliding it up or down on its adjustable track in a smooth, even motion. After turning the Journey ON, re-check the height position for most comfortable viewing. The screen can also be tilted forward or backward to angle the screen for best user comfort.**



## Section 2: Features & Instructions

### Turning ON the System

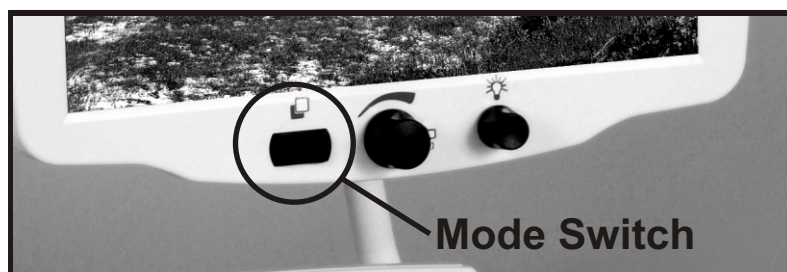
Turn the unit ON using the Power Switch located on the front, right corner of the camera housing. The LED Lighting should illuminate the Viewing Table, and the screen should automatically come on after a normal delay of a few seconds.



If the LED Lights do not illuminate and the screen does not come on, please check the power adapter connections described in the previous section.

### Selecting Viewing Mode

Located on the panel below the Monitor Screen, the Mode Switch allows a choice of Full Color and selected black & white or color combinations for optimal viewing, based on your unique vision needs.



## Selecting Viewing Mode (cont'd)

Once chosen, the setting will remain permanent until you make a different choice.

By pushing the Mode Switch to the RIGHT or to the LEFT you cycle forward or backwards through the following viewing modes:

1. Full Color Mode (the factory default)
2. Enhanced Reverse Mode (white text on black background)
3. Enhanced B&W Mode (black text on white background)
4. Yellow/Blue Mode (yellow text on a blue background)
5. Yellow/Black Mode (yellow text on a black background)
6. Custom Color Mode (an optional feature)

The Custom Color Mode allows you to choose various foreground and background color combinations for optimal viewing, based on your vision needs. When switched to this Mode, "Custom Color" is briefly displayed on the screen.

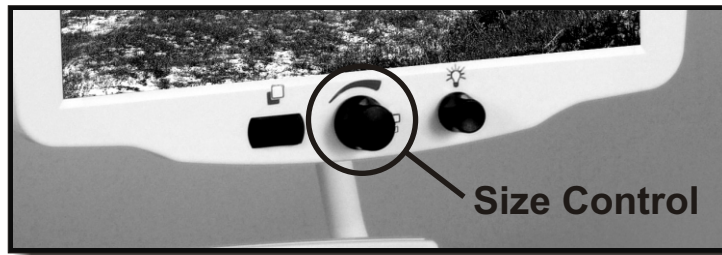
To select Custom Colors, reach around the left side of the unit to the LEFT REAR corner of the camera unit's Rear Panel to locate the Custom Color Rocker Switch (it is located next to the Power Jack).

- Rock switch to the OUTSIDE (left) to change the FOREGROUND COLOR
- Rock switch to the INSIDE (right) to change the BACKGROUND COLOR

**\*** Note: While in any Mode, you can return to the default Full-Color mode by pressing and holding the Mode Switch to the LEFT for 2 seconds

## Adjusting Magnification

Magnification, or **SIZE** of the image being viewed, is adjusted by turning the **Size Control** (large middle knob below the screen).



- Turn **RIGHT** to make image **LARGER**
- Turn **LEFT** to make image **SMALLER**

The size setting is retained when turning **OFF** the unit and will start with that setting when you power **ON** the machine.



When first learning to use the camera system, place printed material on the Viewing Table and adjust the **Size Control** to the smallest magnification setting. Then begin turning the **Size Control** to increase the size of the image until you are able to read the text.

Magnification can also be adjusted by using the programmable **SIZE PRESET** feature. This feature allows you to save your favorite **SIZE** setting in the camera. A default **Size Preset** is programmed by the factory. It is activated by pushing **IN** on the **Size Control** ("**Preset ON**" is briefly displayed on the screen).

- To program your own preferred **Size Preset** level, first turn the **Size Control** to the desired magnification level. Next, **PUSH AND HOLD IN** on the **Size Control** until "**Preset Saved**" appears on the screen (approx. 4 **SECONDS**).
- Confirm your **Size Preset** is saved by turning the **Size Control** to a different setting (as soon as you adjust the **Size Control**, the camera will reset to manual **Size** adjustment and "**Preset Off**" appears on screen). Now press **IN** once on the **Size Control** and the size should adjust to your saved setting.

## Adjusting Brightness

The Brightness Control is used to **BRIGHTEN** or **DARKEN** the image being viewed. Brightness can be readjusted whenever needed, in any mode.



- Turn **LEFT** to Darken image
- Turn **RIGHT** to Brighten

## Adjusting LED Lights

The long-lasting LED Lights provide a warm white, non-glaring light. The factory setting allows for the most light and best image (decreasing the light intensity causes loss of color and reduced image quality)

If the light is too bright, place your hand on the underside of the camera unit and slide your fingers straight back from the Power Switch unit until you feel a set of bumps behind the back-right corner of the lens opening. Between the two raised bumps there is an adjustable knurled dial.

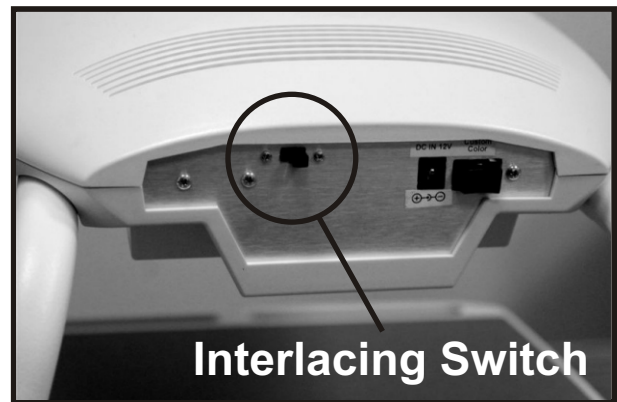


- **UNCLICK** and roll dial backwards to dim light intensity
- Click dial forward to return to full intensity (the factory recommended preset)

## Image Stability

Located on the Rear Panel of the camera unit is the Interlacing Switch which controls the scanning on the monitor. This switch is set to the Interlaced mode at the factory and provides the best lines of resolution on the monitor for normal viewing. The Non-Interlaced mode changes the scanning on the video image to stabilize the horizontal scan lines. In this mode the user may notice reduced line resolution (this is most noticeable on curved or diagonal lines). The Non-Interlaced mode may be preferred by users that are sensitive to movement or "jitter" of horizontal lines on the screen.

To change the Interlacing mode, reach around the right side of the unit to the camera unit's Rear Panel to locate the Switch. Move the Switch to the Right (Outside) position for the Non-Interlaced Mode. Returning the Switch to the Left (Inside) position returns the system to the Interlaced mode.



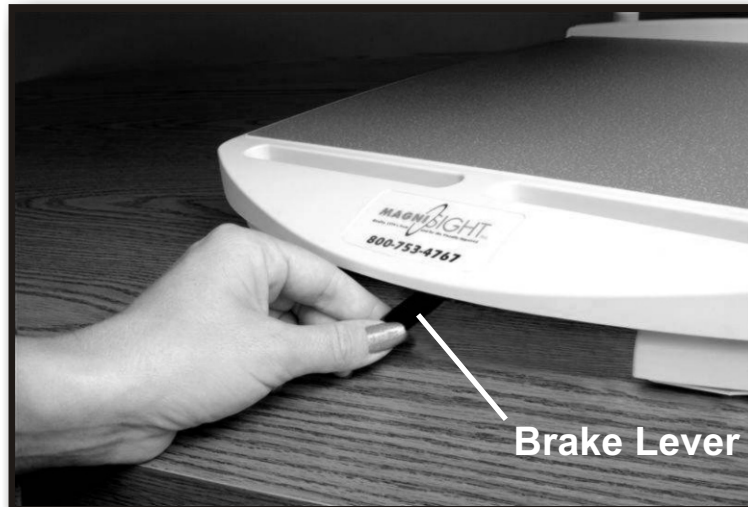
**Note:** When changing the Interlacing Switch, the screen may blank out briefly while the monitor locks onto the new signal.

## Using the Viewing Table

The Viewing Table (sometimes referred to an X-Y Table) is mounted on a slide mechanism allowing it to move under the camera left to right and also front to back. This assists you in moving the material you are viewing under the camera.

Depending on what is being viewed, sometimes users prefer that the Viewing Table remain steady or locked. The Table is equipped with a Brake Lever to slow down or Lock the movement of the table. The Lever is located below the front edge of the table as shown.

## Using the Viewing Table (cont'd)



- Pushing the lever all the way to the RIGHT locks the table
- Releasing the lever all the way to the LEFT restores full table movement front to back and side-to-side

### **Additional Table Features Include:**

1. **Rear Alignment Edge** on the table allows you to line up pages or envelopes. This is especially useful for writing.
2. **Non-glare wipeable table surface** reduces eyestrain. Its dark color and speckled pattern helps you to distinguish the edge of a white page.
3. The indentations at the front of the Viewing Table can be used for small pens or pencils or as finger grips.

## Section 3: Safety & Service

### Safety Information and Maintenance

1. **ALWAYS** put the Viewing Table in the **LOCKED** position (Brake Lever to the far right) and use the hand holds in the base of the unit when attempting to move the machine.
2. Place unit on a sturdy table away from any heat source. **DO NOT** place your unit on an unstable table, cart, or stand. Doing so may allow the unit to fall causing serious damage to the unit or bodily injury.
3. Use of a surge protected power strip is recommended to protect your unit from power outages, etc.
4. Avoid putting your hands and fingers into any opening (touching the camera lens or mirror in the camera housing could reduce image quality).
5. Dust the screen as needed with a soft, dry cloth.
6. Making sure that the unit is powered **OFF**, use a slightly damp cloth to clean the unit's plastic surfaces. Avoid using harsh chemicals or cleaning liquids on the unit.

### Service Information

**Your Unit CONTAINS NO USER SERVICEABLE PARTS. ALL SERVICE MUST BE DONE BY AN AUTHORIZED SERVICE CENTER.**

In the event of malfunctions or questions, please contact us:

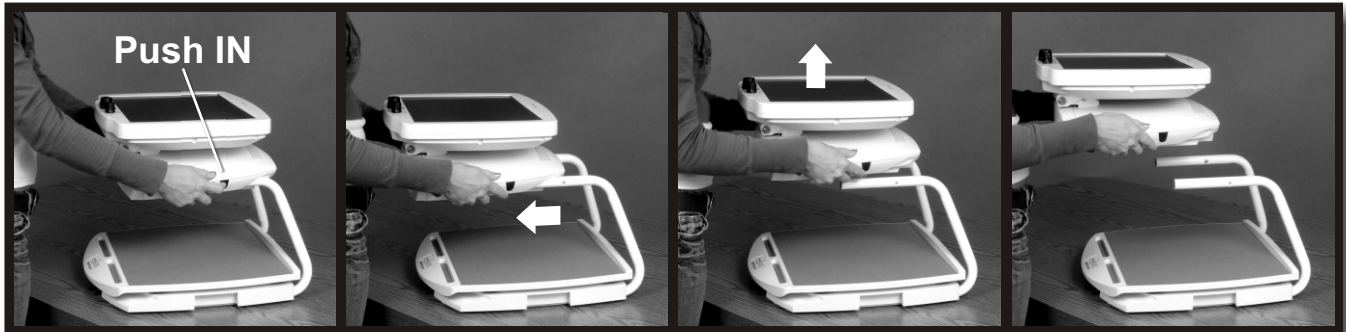
**MagniSight, Inc.  
3631 North Stone Ave.  
Colorado Springs, CO 80907  
  
Call (719) 578-8893  
or (800) 753-4767**

## Service Information (cont'd)

In the event Service is required, you may be asked to send all or part of the unit. The camera head (camera housing and monitor) can be removed from the Frame and Viewing Table base for portability or for service.

### Removing the Camera Head

1. Before attempting to remove the Head Unit, raise the screen on its track to the highest vertical position and then tilt it all the way back over the camera unit (as shown). Hold the monitor by the outside edges of its frame as you tilt it to avoid pinching your fingers.
2. While gripping the camera FIRMLY, push in the RELEASE buttons that hold the sides of the camera unit on the supports arms.  
**CAUTION:** As soon as you pull forward slightly on the head unit it will release completely from the support arms.



3. To replace the Head Unit, carefully guide it onto the support arms and push back until it **SNAPS SECURELY** onto the Frame arms. Be careful not to pinch your fingers when replacing the Head Unit.

### NOTES:

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