

## 11 USER MANUAL

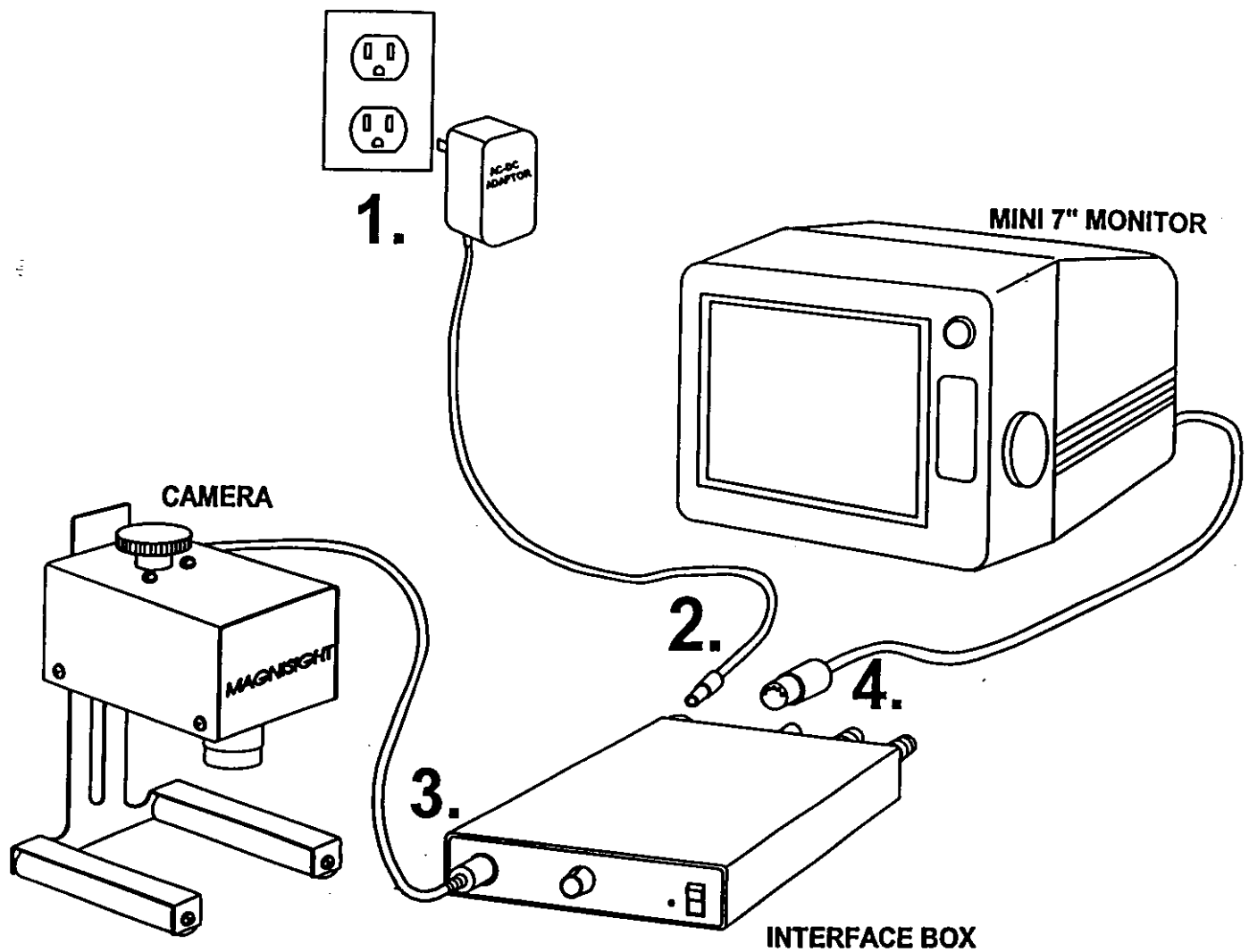
MAGNISIGHT INC.

FCC ID: NUUMBC05

# **7" MINI READER SYSTEM**

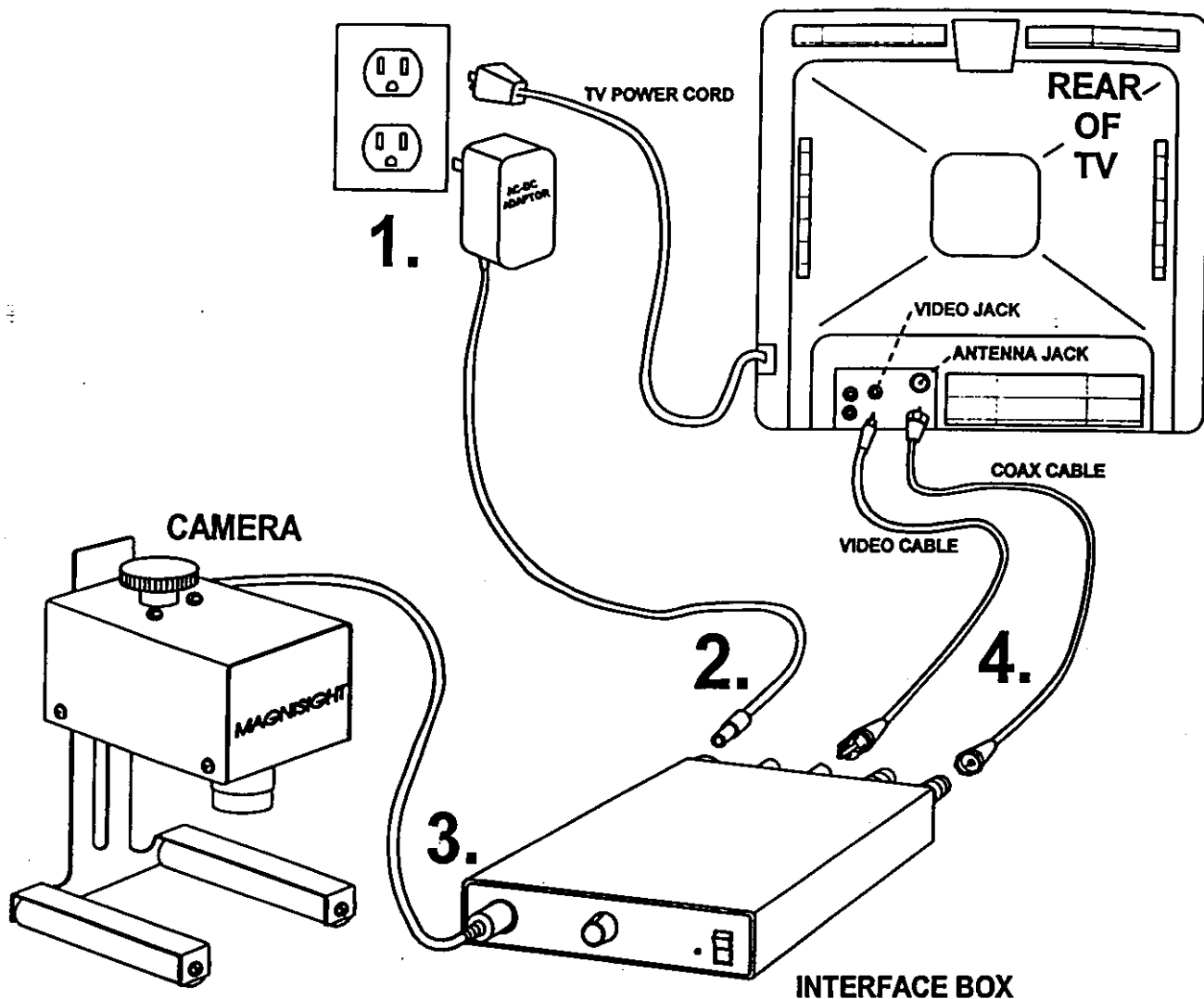
## **X-MRS-7 INSTRUCTION MANUAL**

98116/98118



- 1) Connect AC Adaptor and TV Power Cord to wall outlet as shown.
- 2) Connect AC Adapter Plug to the 12VDC Power Jack on the Interface Unit as shown.
- 3) Connect Camera Cable to Interface Unit Camera Input as shown.
- 4) Connect Mini 7" Monitor Cable to the Mini7 Jack on the Interface Unit.

## SET-UP WITH 7" MONITOR



- 1) Connect AC Adaptor and TV Power Cord to wall outlet as shown.
- 2) Connect AC Adapter Plug to the 12VDC Power Jack on the Interface Unit as shown.
- 3) Connect Camera Cable to Interface Unit Camera Input as shown.

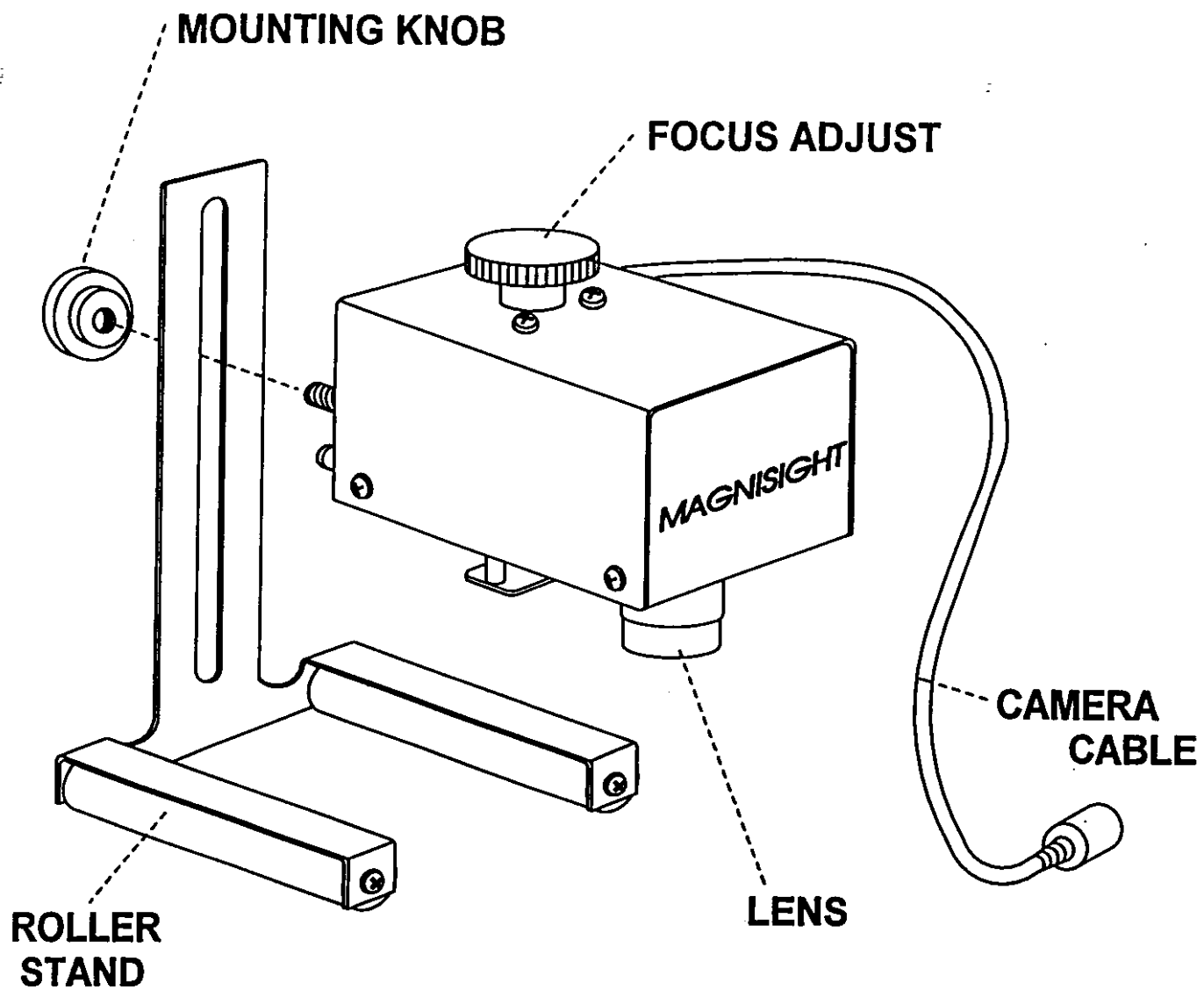
**4) FOR TVs WITH VIDEO INPUT:**

Connect one end of Video Cable to the Video Out Jack on the Interface Unit. Connect the other end of the cable to the Video Input on the TV.

**FOR TVs WITH ANTENNA JACK ONLY:**

Connect one end of Coax Cable to the TV Out Jack on the Interface Unit. The other end of the cable connects to the Antenna Input on rear of TV.

## SET-UP WITH TV



**FIGURE 1**

# **FIGURE 1**

## **CAMERA FUNCTIONS AND USES**

### **SET UP**

Follow initial SET UP instructions. Loosen *Mounting Knob* and move Camera to highest Roller Stand position.

### **CAMERA**

#### **CAMERA CABLE**

Insert the *Camera Cable* connector into the *Camera Jack* on the Interface Unit. This connection must be secure in order for Camera to function properly.

#### **MAGNIFICATION & FOCUS**

The image magnification is a function of the height of the camera and the focus is controlled by the *Focus Adjust*. To increase magnification, loosen the *Mounting Knob* and lower the camera on the *Roller Stand*. Secure the *Mounting Knob*. Then, turn the *Focus Adjust* to bring the image into sharp focus. To decrease magnification, raise the camera to a higher position on the *Roller Stand*. Then re-focus by turning the *Focus Adjust* Then again to the ideal focus point. Adjust as needed to maintain sharp focus.

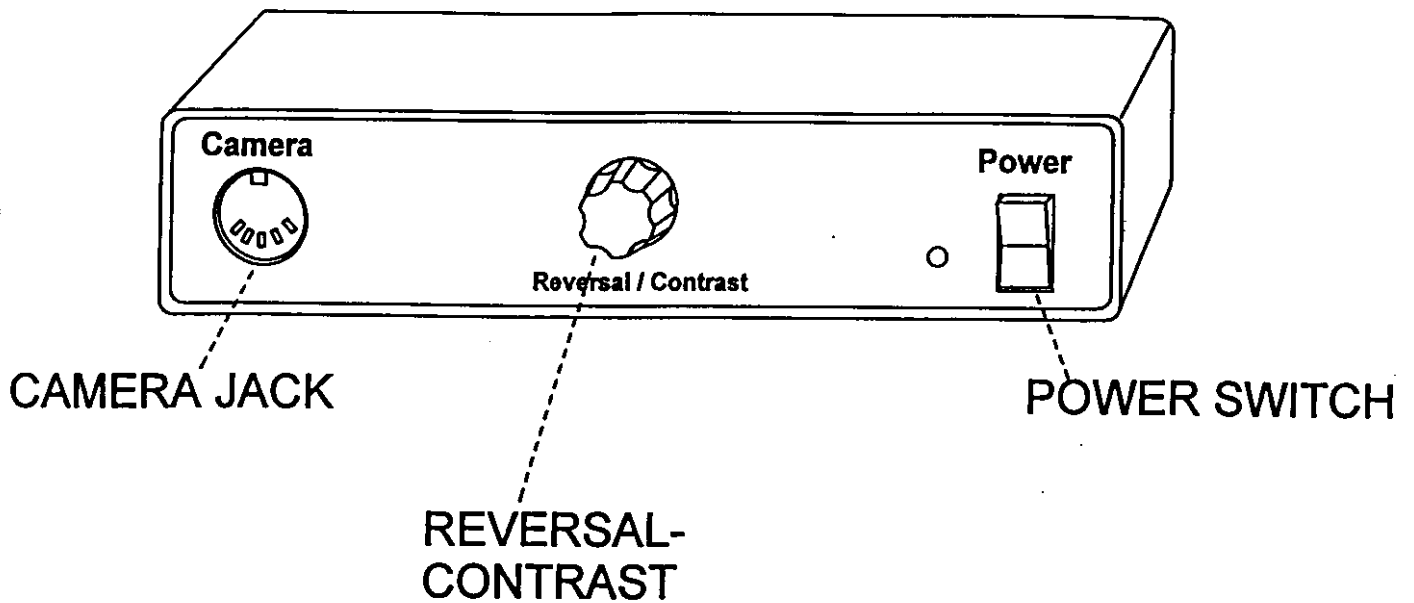
#### **ROLLER STAND**

The *Roller Stand* allows you to easily roll the camera back and forth to view the text. Move the *Roller Stand* by placing one hand on top of the camera, or by holding the front of the rollers. The latter method gives more control over camera movement. The camera also may be used as a hand held unit. [For example, to read the label on a can, detach the camera from the *Roller Stand* by removing the *Mounting Knob*. Hold the camera so that the *Lens* is pointing directly at the label. Bring image into focus by turning the *Focus Adjust*.]

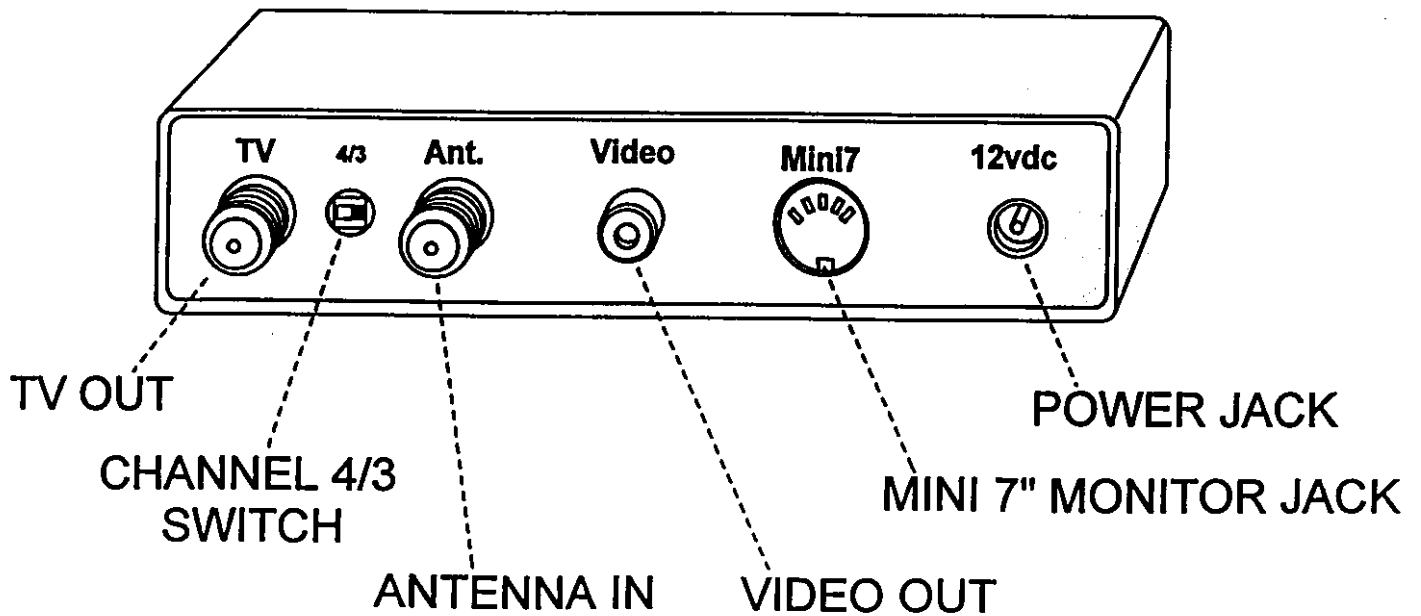
#### **LIGHT SOURCE**

The camera is equipped with a Xenon Lamp that is rated at several thousand hours of use. Under normal use, this bulb will last many years.

## FRONT VIEW



## REAR VIEW



# FIGURE 2

# **FIGURE 2**

## **INTERFACE UNIT & TV HOOK-UP**

**SET UP**      Follow initial SET-UP instructions.

### **FRONT PANEL CONTROLS**

#### **CAMERA JACK**

The *Camera Cable* connector from the Camera inserts into this jack. The connector will only fit in one position. Rotate connector until pins align with holes to make connection.

#### **POWER SWITCH**

Turns the Camera and Interface assemblies *on* and *off*.

#### **REVERSAL / CONTRAST**

*Reversal-Contrast Switch* is a dual function control used to reverse the foreground-background image and to increase and decrease the contrast of the image. For the "normal" image, *push* in on the knob. For the "reversed" image, *pull* the knob to the out position. In either position, turn the knob left or right for the best contrast.

### **REAR PANEL CONNECTORS**

#### **POWER JACK**

Insert AC Power Adapter plug into this jack as shown in SET UP instructions.

#### **MINI 7 JACK**

This Jack is used when hooking up Mini 7" Monitor. Connect the Monitor Cable to this Jack. The connector will only fit in one position. Rotate connector until pins align with holes to make connection.



## **VIDEO OUT**

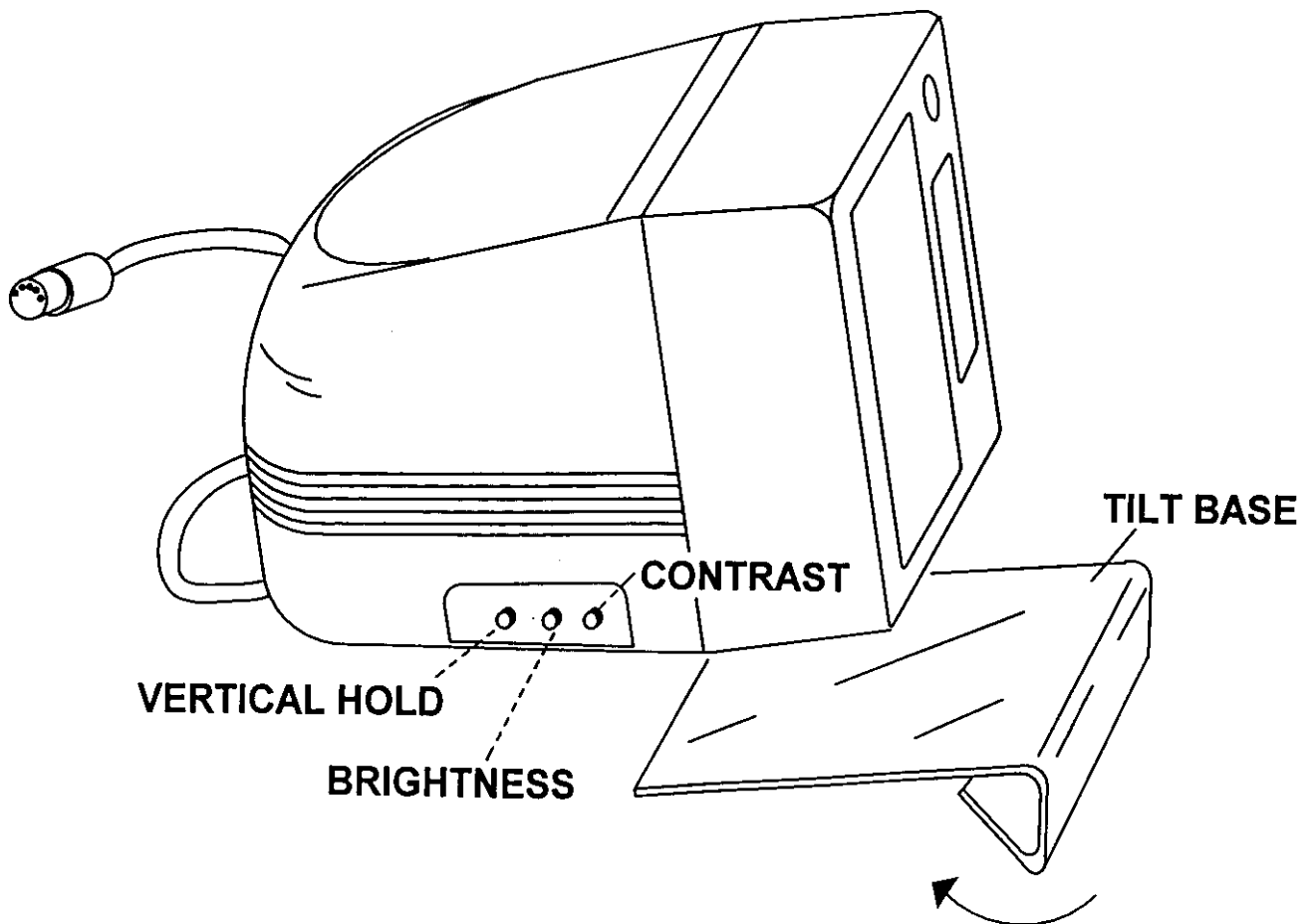
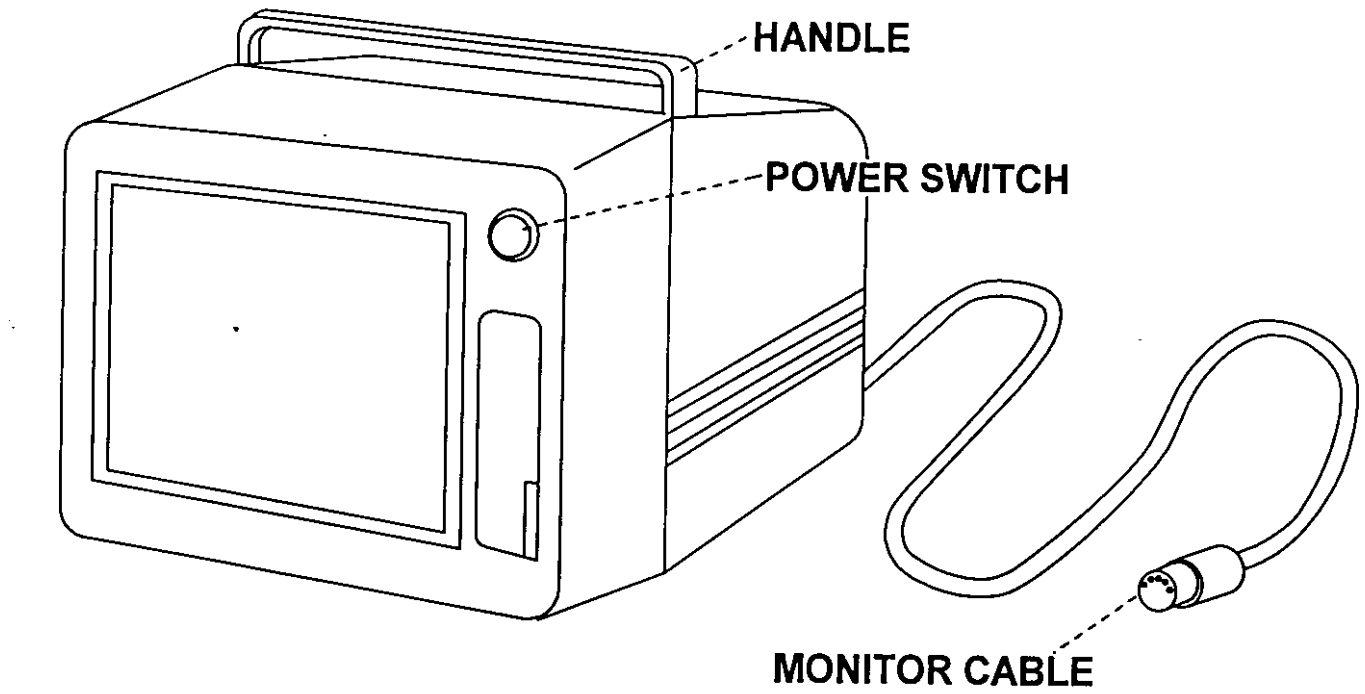
**This output will be used with TVs *with Video Input*. Connect one end of Video Cable to this connector and the other end to the Video Input on the TV . NOTE: TV must be set to *Video Mode* to view camera image**

## **TV OUT and CHANNEL 4/3 SWITCH**

**This output will be used with TVs *with antenna input only*. Connect one end of *coax cable* to TV OUT and the other end to TV Antenna Input. Set TV channel setting (4 or 3) to the same setting as the Channel 4/3 Switch.**

## **ANTENNA IN**

**If using TV to view television, an antenna may be connected to the ANTENNA IN connector. The antenna signal will feed through to TV when the Power Switch on the Interface unit is turned off.**



**FIGURE 3**

# **FIGURE 3**

## **MINI 7" MONITOR FUNCTIONS**

**SET-UP**      Follow initial SET-UP WITH 7" MONITOR instructions.

### **FEATURES & CONTROLS**

#### **MONITOR CABLE**

Connect this Cable to the Mini 7 Jack on the rear of the Interface Unit. The connector will only fit in one position. Rotate connector until pins align with holes to make connection.

#### **POWER SWITCH**

This Switch turns the Monitor power "ON" & "OFF". Always turn Monitor OFF after use.

#### **VERTICAL HOLD, BRIGHTNESS, CONTRAST**

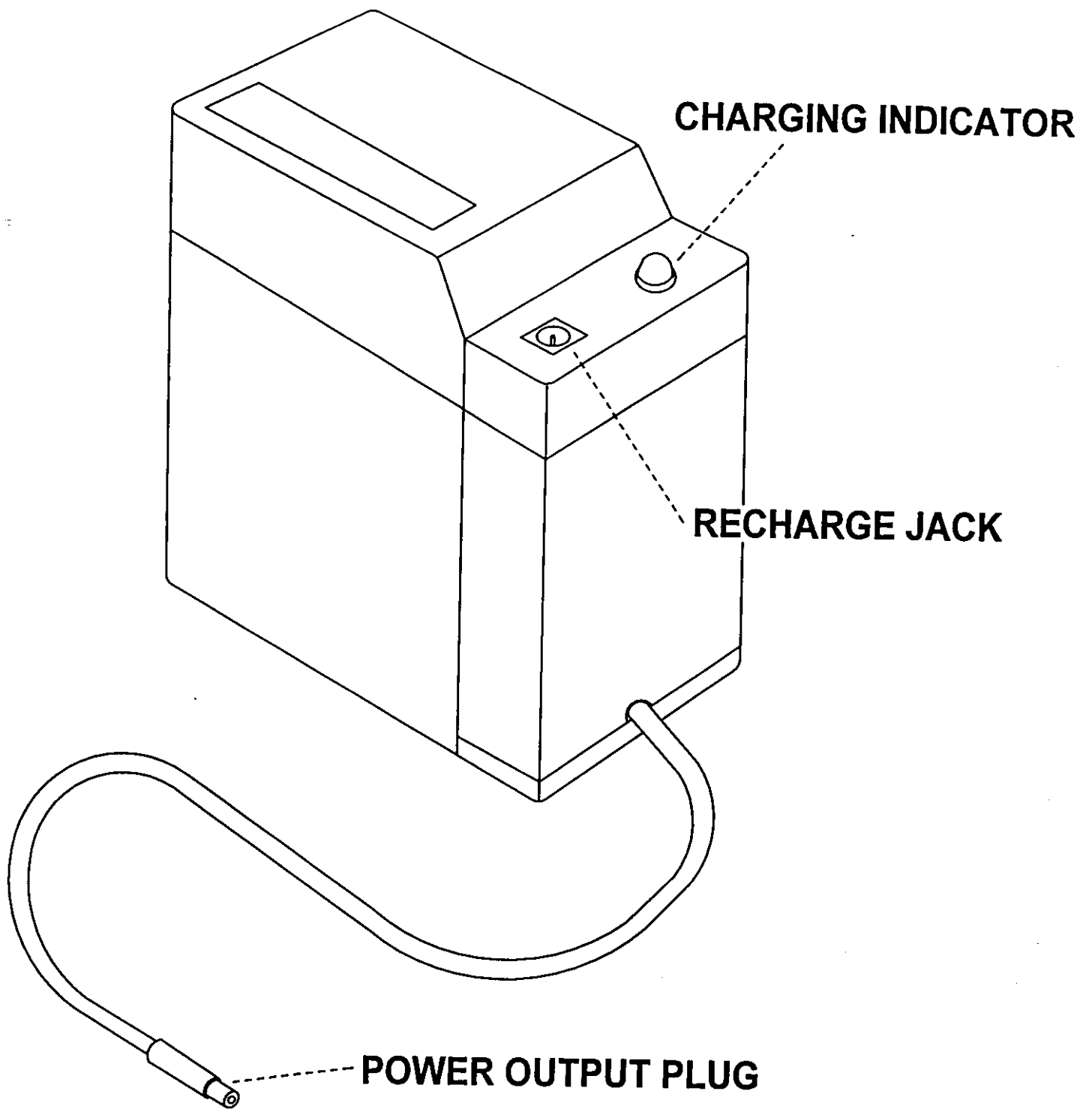
These Controls are set at the factory for normal operation. If needed, adjust them for the best picture.

#### **HANDLE**

The carrying Handle pulls up from the top of the Monitor. Push down on Handle after use.

#### **TILT BASE**

Use the Tilt Base to improve monitor viewing angle.



**FIGURE 4**

# **FIGURE 4**

## **RECHARGABLE BATTERY**

Using the Battery in place of the AC Power Adapter makes the system fully portable.

### **RECHARGE JACK**

To recharge the Battery, plug the AC Power Adapter into the Recharge Jack.

### **CHARGING INDICATOR**

The red or green Indicator will illuminate while Battery is being charged. When fully charged, the indicator lamp will go off.

Note: If the Battery is stored for two weeks or more, periodic charging is recommended.

### **POWER OUTPUT PLUG**

Once charged, connect the plug to the Power Jack on the Interface Unit.

## **GENERAL INFORMATION**

### **CLEANING & MAINTENANCE**

Your system requires very little care. For cleaning, dust with a clean, slightly damp cloth with the system turned off. Cleaning or dusting sprays are not recommended.

### **SERVICE**

This unit is equipped with an internal fuse that will automatically re-set after a short period if the fuse is tripped. In the event of this or any malfunction, first turn the power off and verify all connections to the system are secure. If problems persist, call your dealer for assistance.

## **CLASS B LABELING INFORMATION**

### **NOTE:**

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 a residential 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. 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 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.

### **NOTICE:**

Changed or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.

To be inserted in all manuals.