

T T T T T

Magnicam

Innoventions, Inc.



Primer™ Instruction Manual

Innoventions, Inc.
9593 Corsair Drive
Conifer, CO 80433-9317
800-854-6554
www.magnicam.com

**The PRIMER™
INTRODUCTION
LIMITED WARRANTY
REPAIR INFORMATION
INSTALLATION INSTRUCTIONS**

INTRODUCTION.

The PRIMER is an electronic magnifier that is intended to provide the low vision person with the first step toward a much higher level of magnification and field of view when hand-held optical devices no longer are satisfactory. A television set (TV) is used to display the magnified image. Newspapers, books, mail, medicine containers, and photographs can be easily read.

PRIMER displays all images, including those of multicolored materials, on the TV screen in three different viewing modes: normal, enhanced positive (black print on a white background), and enhanced negative (white print on a black background).

What type of TV should be used?

Primer can be used with any size or type of TV, including all color TV sets, although on color sets, the PRIMER's image will always be in black and white. Picture-tube sets are preferable to projection sets because they provide greater brightness and contrast.

How large a TV set should be used?

We recommend at least a 20-inch TV set. The sitting distance from the TV set is best determined by the low vision individual's reading capability and the size of the text to

be read. There is nothing wrong in sitting a foot or less from your TV if it helps you to read.

The effective magnification of the PRIMER depends both on the size of the TV set and the distance one is from the TV set.

PRIMER™

Limited Warranty

Innoventions, Inc. warrants to the original retail purchaser, for the duration of the warranty, each PRIMER purchased from Innoventions, Inc. to be free from defects in materials and craftsmanship. The period of the warranty for the PRIMER is two years from the original date of purchase. This warranty applies only when the PRIMER is operated and installed in accordance with the printed instructions which are supplied with the unit.

Innoventions, Inc. will not be liable for your inability to use the PRIMER caused by changes in your vision or for any damage caused by accidental occurrences, modifications to or tampering with the unit, misuse, improper handling, or other damages which do not arise solely from a defect in materials or craftsmanship.

In the event of a defect covered by this warranty, Innoventions, Inc. will, at its option, repair or replace the unit, or refund the original purchase price at no charge to the purchaser provided the unit is returned within the period of the warranty to:

Innoventions, Inc.
9593 Corsair Dr.
Conifer, CO 80433-9317
800-854-6554

The PRIMER should be carefully packed to prevent damage during its return. Transportation charges should be prepaid and the unit should be insured with a copy of the original bill of sale and a letter explaining the claim.

This limited warranty is your sole and exclusive remedy and Innoventions, Inc. makes no other representation or warranty of any kind other than as stated herein. Innoventions, Inc. will not be liable for incidental, consequential or other damages arising out of any breach of warranty, negligence, strict liability or other theory, than the limited liability set forth above.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from State to State.

REPAIRS

Should your PRIMER unit require repairs not covered by the Limited Warranty or beyond the expiration date of the Limited Warranty, return the unit to:

Innoventions, Inc.
Attn.: Repair Department
9593 Corsair Dr.
Conifer, CO 80433-9317

Pack the unit carefully to prevent damage, prepay shipping and insure. Include a letter with your name and address and an explanation of the problem.

An estimate of both cost and time for repair and return shipping will be furnished to you for approval before repairs are started. Arrangements for payment must be completed before repairs are made.

EVALUATION TRIAL PERIOD

Innoventions, Inc. provides a PRIMER unit for your evaluation for a thirty (30) day period beginning the day you receive the unit. If during this period you determine, for any reason, that the unit does not meet your needs you may return it. Pack the unit carefully to prevent damage, prepay shipping and insure. Include a letter explaining the reason for the return.

Innoventions, Inc, upon the receipt of the unit in good working condition will refund the full amount of the invoice.

PRIMER™ INSTALLATION INSTRUCTIONS

PRIMER connects to any TV by using the antenna or cable connection. This connection is usually located on the back of the TV set. PRIMER can be used in combination with any existing cable TV, cable box connector, VCR or antenna. The following instructions will tell you how to make the required connections so that all such devices can be used with the PRIMER.

Detailed illustrations showing how to connect the PRIMER are on the back cover.

CONNECTING TO YOUR TV SET.

Your TV set will have a 3/8" round, projecting threaded silver cable connector, which may have a round cable attached to it from your cable service, VCR, or antenna.

1) If there is a cable connected to the set, remove the cable by either turning the nut at the end of the cable counter-clockwise until it separates, or, if there is no nut at the end of the cable, by pulling the connector directly back until it separates from the set.

2) Connect the cable just removed from the TV set to the RF-Unit where it is marked "ANT-IN".

3) Connect the provided cable on the RF-Unit, where it states "TV OUT", to the cable input on the TV set where the cable you had removed had been attached.

4) The only other wire with the supplied unit has a connection similar to a telephone connector. This wire is connects at either end of the hand-held PRIMER based on user preference.

POWER CONNECTIONS.

Plug the provided AC transformer which is a integral part of the supplied cable assembly into any household power outlet or extension.

CONGRATULATIONS—THE PRIMER IS NOW CONNECTED!!

HOW TO OPERATE THE PRIMER.

1) Your TV set should be plugged in, turned on, and tuned to channel 3. If channel 3 is an active channel in your area then tune the TV to channel 4. If channel 4 is chosen then the small black switch on the RF-UNIT must be turned to channel 4.

2) Turn the volume control down to minimize any humming noise from the TV.

3) The PRIMER is turned on by pushing the blue button on top of the unit. When turned on, the underside of the camera will be lit from the internal lights and the viewing image will appear and override the TV program.

4) Place the PRIMER on printed material. A magnified image will appear on the TV.

5) Slowly move the PRIMER across the reading material using the roller on the

underside to facilitate an easy movement across the reading material.

6) To turn the PRIMER off **HOLD** the blue button down for 3 to 4 seconds.

7) To switch the viewing image from one of the 3 viewing mode to another simply press the blue button down and release it to move through the three operating modes.

TELEVISION ADJUSTMENTS.

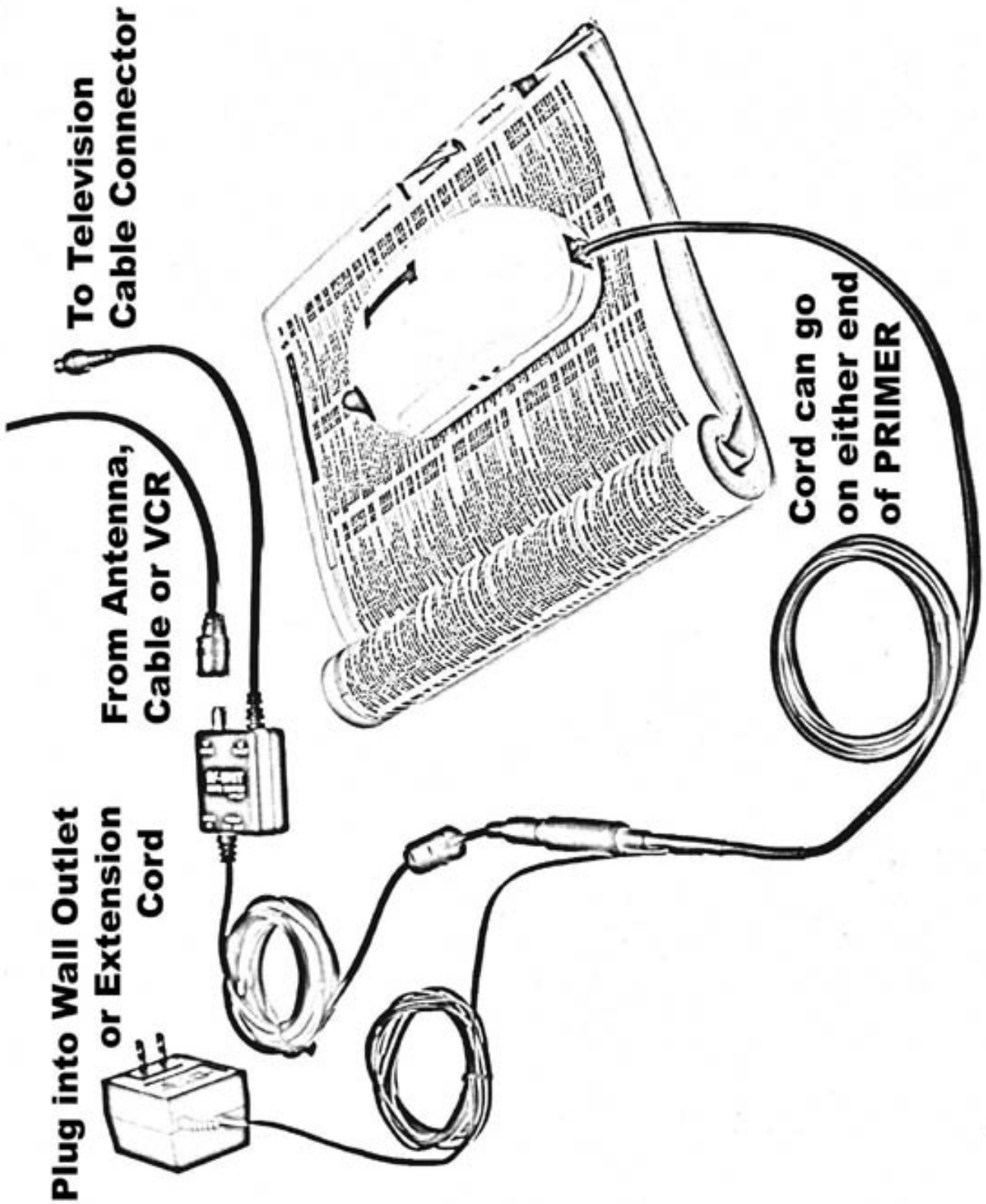
The following recommended adjustments should also be good for normal TV program viewing.

1) The Contrast (or Picture) control should be set to maximum.

2) Set the Brightness control to maximum and then reduce to a desired level to obtain the best picture quality.

CLEANING THE PRIMER LENS COVER.

In normal use, the PRIMER lens cover may become dirty. When the lens cover is dirty, gray spots which do not move when the PRIMER is moved may appear on the TV screen. To clean the lens cover, use a Q-tip or small cotton swab with one end very lightly moistened with water wipe the surface of the lens cover. When clean, the dry end of the Q-tip should be used to wipe away any residual moisture.



**To Television
Cable Connector**

**From Antenna,
Cable or VCR**

**Plug into Wall Outlet
or Extension
Cord**

**Cord can go
on either end
of PRIMER**