PC-Eye

Fold-up electronic magnifier for computer and television.

™

Manufactured by Pamtrad Customs Ltd.
Nottingham, England
0115 981 6636
www.pamtrad.co.uk

Congratulations on the purchase of your PC-Eye
This manual explains how to set up, use and care for your PC-Eye.

Your PC-Eye package contains the following items:

- The folded-up PC-Eye
- Power transformer
- Smart-SCART adaptor (EU only)
- Software disk
- Soft protective cases for PC-Eye & stand
- 5-inch USB power adaptor
- User's manual

Please retain the original packaging in case there is a need to return the unit for service or repair.

Specifications
Max clearance under camera: 9½-inches (24.5cm).
Weight (base unit): 22.6oz (642 grams)
Power: 5V 500mA from the transformer provided.
Output: USB, SCART or composite video in PAL and NTSC.
Modes of Operation: High-contrast positive, high contrast negative, grey scale and full colour normal.
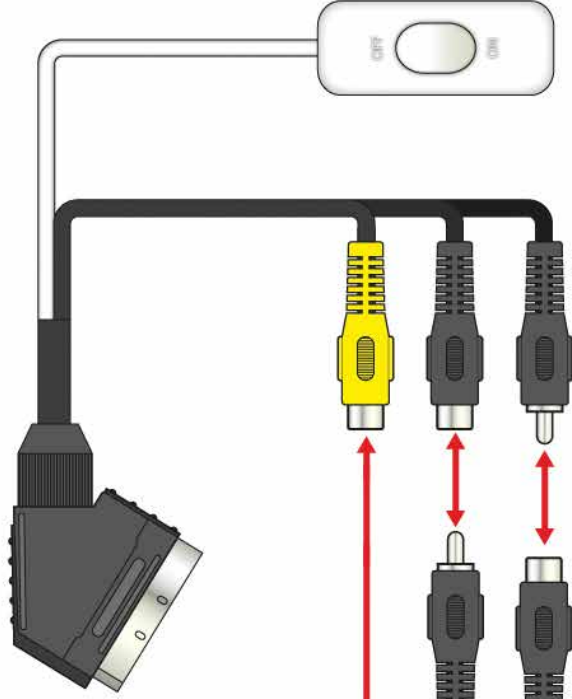Magnification: 18.5" screen X4 to X12, 20" screen X6 to X20

Setup instructions for a PC

1.   Switch the PC on and wait for it to boot up.

2.   Insert the software disk and install the software. When this is complete an icon will appear on the computers desktop saying USB Magnifier.
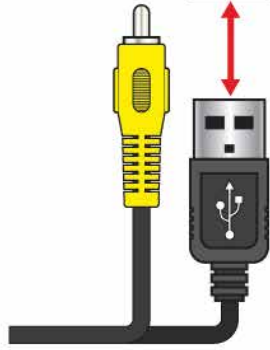

USB Magnifier

3.   Insert the **USB plug** from the PC-Eye into one of the **USB sockets** on the computer.

4.   Wait a few seconds for the computer to recognise the PC-Eye. There will be a confirmation sound when this has happened.

5.   Switch the PC-Eye on using the on button on its base.

6.   Double click on the USB Magnifier icon on the desktop and the software will activate.

7.   Place some reading material under the PC-Eye and it will appear on the screen.
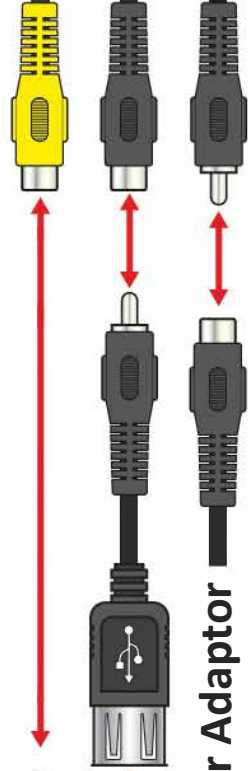
SCART plug into socket on TV

To PC-Eye

To Power Adaptor
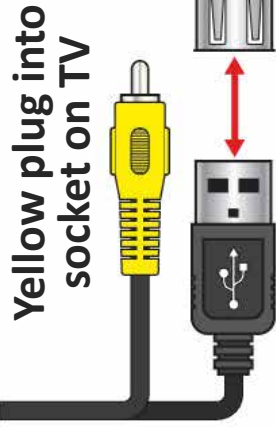
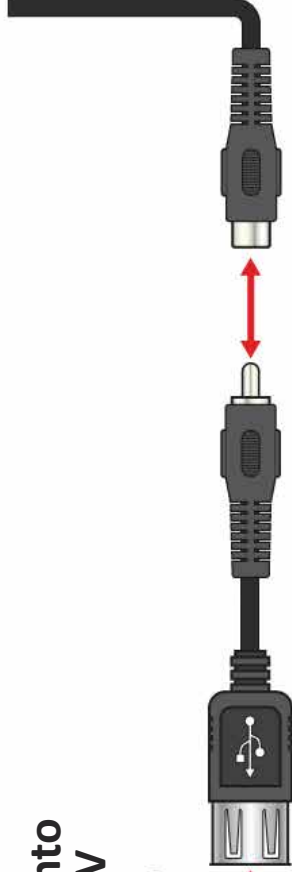# Installation for a TV using the Smart-SCART adaptor
Automatic switching (EU only)

1) Insert the **SCART adaptor** into your television.

2) Connect the **YELLOW phono plug** from the PC-Eye camera lead into the **YELLOW phono socket** on the Smart-SCART adaptor.

3) Connect the **BLACK USB socket** of the 5-inch USB power adaptor to the **BLACK USB plug** on the TV-Eye.

4) Connect the **BLACK phono plug** on the other end of the 5-inch USB power adaptor to the **BLACK phono socket** of the Smart-SCART adaptor.

5) Connect the **BLACK phono socket** from the power transformer to the remaining **BLACK phono plug** on the Smart-SCART adaptor.

6) Plug the transformer into a wall socket and switch the socket on.

7) Press the ON button at the base of the PC-Eye.

8) Switch the television on.

9) To use automatic switching, you must turn the PC-Eye on and off using only the **white switch** on the end of the white lead. Leave the ON button located on the base of the PC-Eye switched on all the time. When the PC-Eye is switched on using this switch, your television will automatically show the PC-Eye picture. When the PC-Eye is switched off using this switch, the television will revert back to the programme picture.

To Power Adaptor

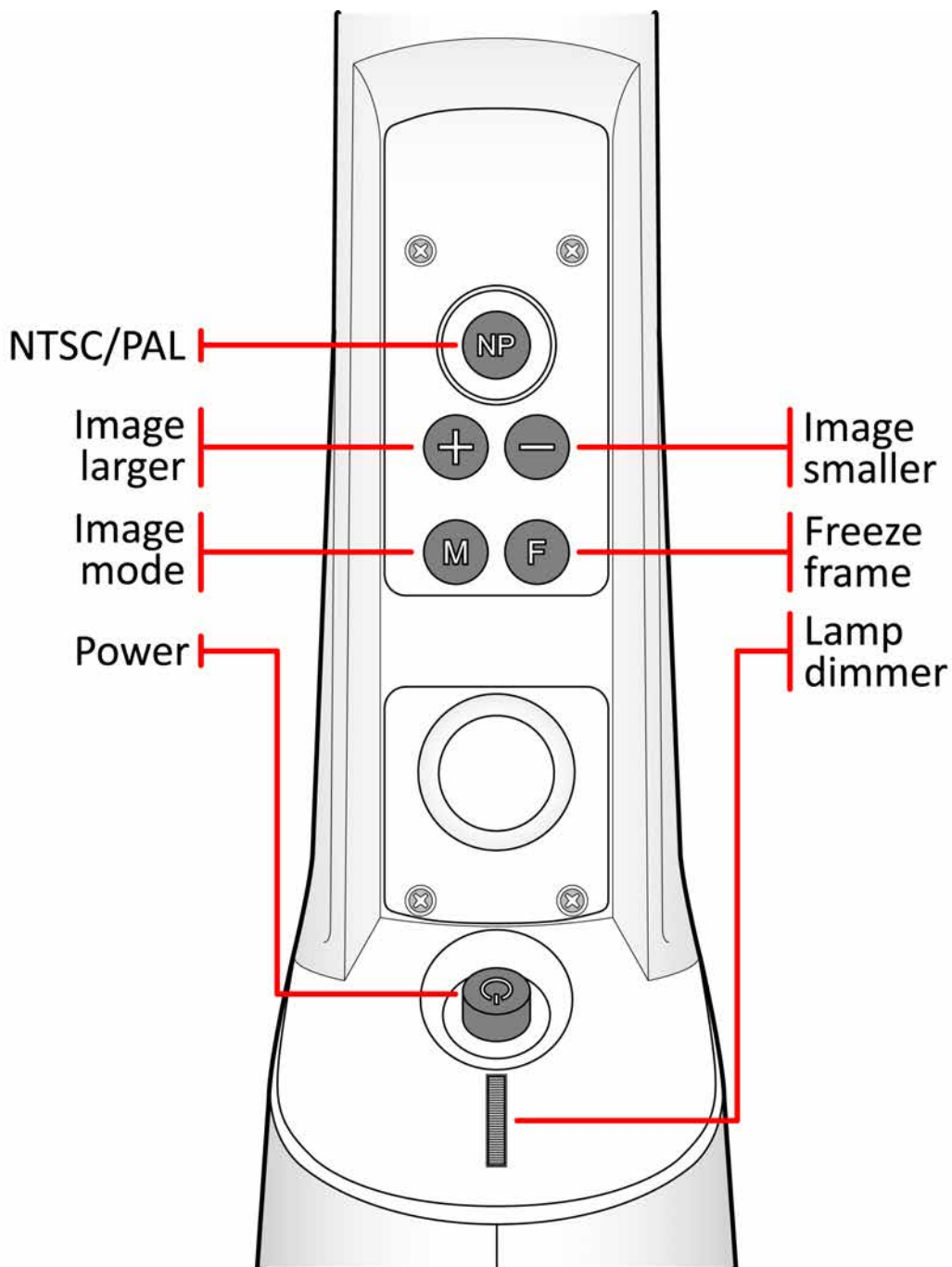**Yellow plug into socket on TV**

To PC-Eye

<u>Installation for a TV using Composite Video</u>

1. Connect the **YELLOW video plug** from the camera into the **YELLOW AV socket** on your television.

2. Connect the **BLACK USB socket** of the 5-inch USB power adaptor to the **BLACK USB plug** on the TV-Eye.

3. Connect the **BLACK phono plug** at the other end of the 5-inch USB power adaptor to the **BLACK USB socket** on the mains power transformer lead.

4. Plug the mains power transformer into a wall socket and switch the socket on.

5. Press the ON button on the PC-Eye.

6. Switch the television on and use the "Source" or "AV" button on your remote control to locate and choose the "AV" input on your television.

7. A picture should now appear on your television.

QUICK TIPS Flatten documents or newspapers out. If necessary separate newspaper pages then flatten them.
To see the bottom of large pages slide papers between the layer of the metal stand.

NTSC/PAL

Image larger

Image mode

Power

Image smaller

Freeze frame

Lamp dimmer

7

The PC-Eye Controls

Power

    Push this button to switch the PC-Eye on or off.

Mode

    When the mode button is pressed, one of the four different modes will be activated in succession. The choice is:

- Full colour mode (photo/picture mode)
- Grey scale (this is colour mode in black and white)
- Enhanced positive mode (high contrast black on white)
- Enhanced negative mode (high contrast white on black)

Magnification

    The magnification is adjusted by pressing the magnification buttons. The + button increases in six steps. The - button reduces the magnification.

Freeze Frame

    When the freeze frame button is pressed, whatever is currently showing on the screen is frozen to aid easy reading.

Lamp Dimmer

    Adjusts the brightness of the built in lighting. The lights can be seen on the underside of the camera. If the lights cannot be seen, rotate the dimmer control to fully towards you.

Using the PC-Eye software on the PC

Once the software has opened there are a number of options on the top of the screen. Across the top of the window you will find:

Full Size

> This software button alters the viewing area from a window to full screen size and back again.

Image Mode

> This software button alters the way the image is presented. It can be either original (maintaining the aspect ratio) or stretched. Sometimes the stretched image is easier to read as the letters are separated a bit more.

Take Photo

> This button takes a picture of what the camera is showing and stores it in a folder called 'Magnifier' located in My Pictures.

Options

> Options opens a menu that allows you to set the video preferences. You can alter the brightness, contrast, saturation, hue and tint of the picture.

About Us

> Gives information on the version of software.

Reading with the PC-Eye

Place the PC-Eye on the metal stand as pictured on the manual cover. The television should be at eye level or slightly below, and the PC-Eye next to it on a table. It doesn't matter if it is to the right or the left of the television. The reading table should be level with your elbows when seated. A good reading position prevents problems with your back, neck and arms.

Place the material you want to read the under the PC-Eye and you will see the magnified image on the television screen. Move the document under the camera until you locate the top of the page and then find the start of the text. Simply slide the document from side to side and watch the television screen while reading.

Writing with the PC-Eye

Place a sheet of paper under the camera. With a finger from your non writing hand, locate the area of the page on which you want to start writing. Bring the nib of your pen to this finger until you see the pen on the screen. Lower the pen to the paper carefully and start writing. You should watch the screen as you write.

Taking Care of your PC-Eye

Do not touch the lens. Dirt on the lens will appear as a blurred or dim image or as fuzzy spots on the screen. If you believe the lens is dirty, it can be cleaned with a soft, dry cloth applying minimal pressure. As the lens is polished and coated, do not use a wet or coarse cloth, detergents, abrasive substances or solvents to clean it. Only use the transformer supplied with the unit and inspect the cabling regularly for damage. The transformer is rated for use only within your home country. If you wish to use your PC-Eye abroad consult your distributor first, as voltages vary throughout the world.

Warranty

Pamtrad Customs Ltd certifies that, when supplied as new the TV-Eye is free from defects in material and workmanship. We will repair or replace at our discretion any parts that prove to be faulty through the fault of the manufacturer. We will provide this facility as long as the TV-Eye has been operated under the proper conditions of installation and has not been tampered with by any persons not authorised by Pamtrad Customs or its agents and that it is solely serviced by Pamtrad Customs and its agents.

This warranty is valid only when serviced in the country of original purchase. This warranty is valid for a period of 12 months effective from the date of delivery. For warranty claims or service during or after the warranty period please contact your distributor.

Supply & Service

Pamtrad Customs Ltd.
The Stables, 22 Ruddington Lane
Wilford, Nottingham. NG11 7BH

Tel: 0115 981 6636
email: info@pamtrad.co.uk

WEEE Directive & Product Disposal

At the end of its serviceable life this product should not be treated as household or general waste. It should be handed over to the application collection point for the recycling of electrical and electronic equipment, or returned to Pamtrad Customs for disposal.