



User Manual MagniLink Visus 4,3"

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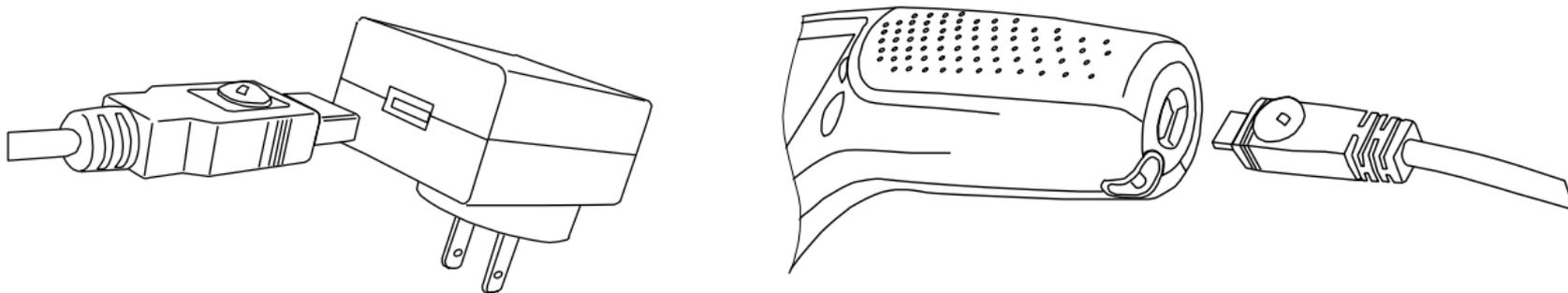
Internet: www.lvi.se

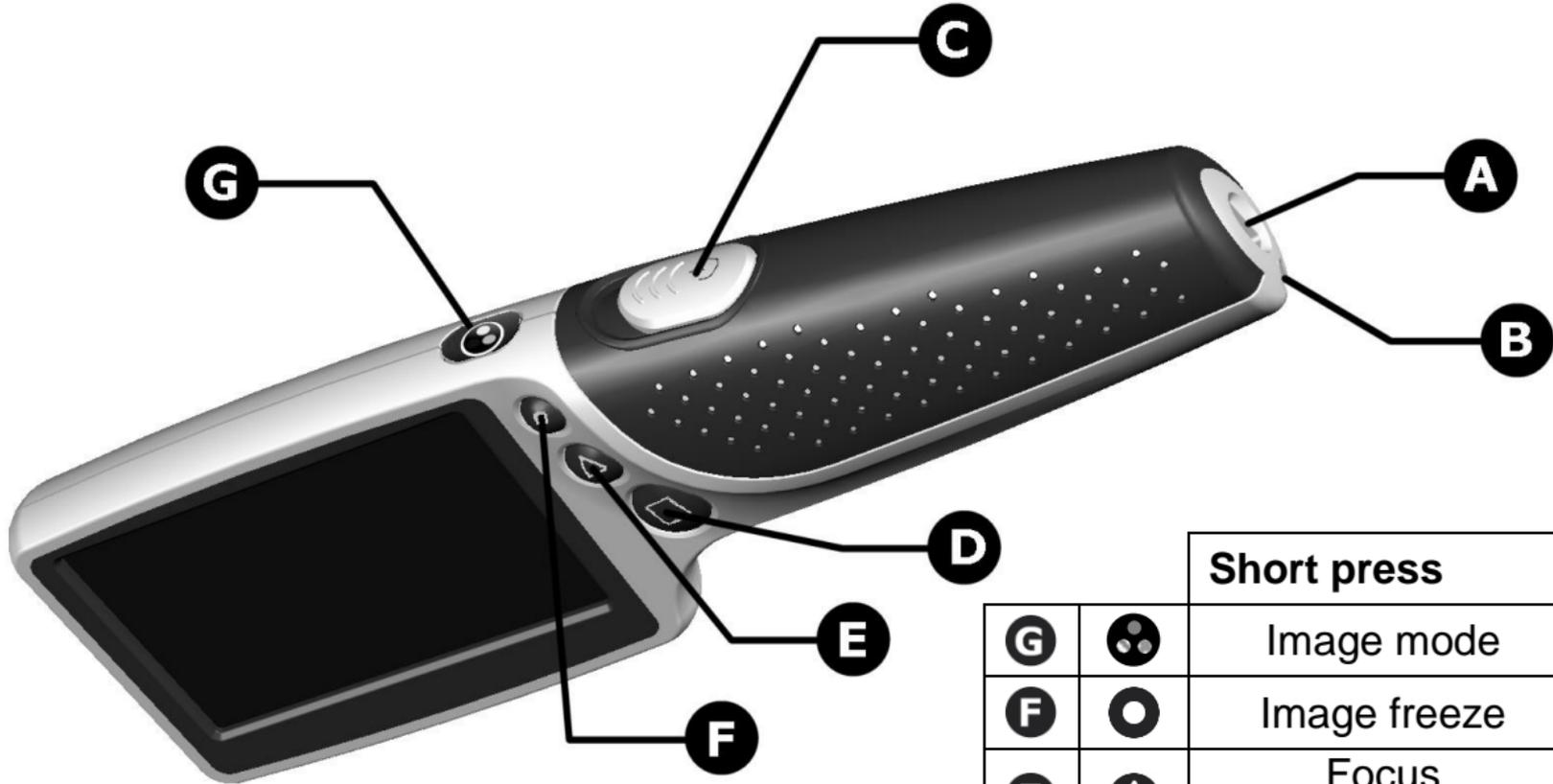
Initial operation

We recommend you fully charge your MagniLink Visus magnifier before its first use. The charger is supplied with a range of international power connectors and you should choose the appropriate one for your country.

Fit the cable to the charger and plug it into the end of the handle on the MagniLink Visus (A). The charging indicator around the power connector will illuminate in orange as the MagniLink Visus is charging and will extinguish when charging is complete. A full charge takes about 4 hours.

The unit is supplied with a neck strap that can be fitted to the end of the handle (B) if required.





		Short press	Press for 3-seconds
G		Image mode	Display brightness
F		Image freeze	Image store
E		Focus near/mid/far	Change semi-colour
D		Magnification level	Illumination on/off

Switching on/off

Slide the power switch (C) forwards to turn on the unit. The LED lights on the underside will illuminate and an image will appear on the screen. Place the unit over the item you want to magnify with the screen centred over the area of interest. You will need to raise or lower the unit to find the sharpest focus.

Magnification

Repeatedly pressing the  button (D) will cycle through the three levels of magnification. You can choose the level that best suits you for the size text you are viewing.

Focus button

There are times you may wish to locate a specific area of interest on a page. The  button (E) will set the focus of the lens to a greater or lower distance thereby allowing you to raise or lower the unit from the page and get a wider or closer view of where you want to read. Pressing the  button will switch between F1 (near) and F2 (far) focus points. Note that there is an extra focus point available, see the Options menu in the next section.

Options Menu

The options menu allows you to select between two or three focus levels. To enter this menu press both the  and  buttons simultaneously. Navigate to NEAR FOCUS using the  button. Press the  button to select between OFF and ON. When ON is selected the unit will operate using three focus levels (F1, F2, F3) instead of two.

Image freeze and Image Save:

A short press of the  button will freeze the image. Another short press of  will return to the live image. While the image is frozen, a long press of the  button will save the frozen image to the internal memory. When the image is stored you will automatically enter the ***Image Recall*** mode described below.

Image Recall:

From the live image, a long press of  will enter the image recall mode. The last stored image will be shown and a picture number, in the form “# 10” for example, will be displayed. Use  (next) and  (previous) to move to the previous and next stored images. Pressing  will return to the live camera mode.

Deleting Saved Images:

When in ***Image Recall*** mode (above) you can delete the currently displayed image by a long press of the  button. The unit will show a trash can icon with a “?” beside it, asking you to confirm deletion. Another long press of  will delete the image and display the prior saved image if it exists.

Clearing All Saved Images:

Press both  and  simultaneously and release them to pop up the menu. Use  to move to the “Delete All” field, enter a long press of . You will be asked to confirm deletion; long press  again to confirm or any other key to exit.

Connecting the MagniLink Visus to the PC

The stored images on the MagniLink Visus can be viewed on any PC with a free USB port. Insert the micro USB plug on the supplied cable into the micro USB socket on the unit. Connect the other end of the cable to a USB port on your PC. If this is the first time the MagniLink Visus is connected to the PC then wait until the PC automatically installs the correct drivers. A message will appear on the PC when the installation has been complete. The MagniLink Visus will now appear as a drive on the PC and the saved images can be viewed.

Image mode

Repeatedly pressing the  button (G) will cycle between the various image modes: full-colour, white-on-black and black-on-white and semi-colour. You should choose the mode that gives you the best image for what you are viewing. The MagniLink Visus will re-use your last magnification, image mode and focus settings when next powered on.

Stability Leg

The MagniLink Visus is provided with a flip out leg, located around the lens on the underside. Simply flip it out fully to help maintain the ideal distance from the item you are reading. Click it back in place when not in use. Stability leg is to be used with focus set to “mid” level.

Illumination

To facilitate reading backlit objects such as mobile phones or a computer screen, the lighting can be turned off. Press and hold the  button for 3 seconds to turn off the lights. Repeat to turn them back on or simply power the unit off and on again.



Changing the artificial-colour

You can choose between a number of false colour combinations if you wish. You first need to be using the semi-colour image mode. Press and hold the  button for 3 seconds to cycle between available options and when you are happy with your choice, just release the button. New option will be stored in the memory for later use.

Battery level indicator

After powering up, an indicator will appear on the screen for few seconds indicating the remaining level of charge in the battery. If the battery is almost depleted the indicator will automatically appear in the top left of the screen.

Changing the display brightness

Press and hold the  button for 3 seconds and the display will change brightness. There are three settings: 100%, 75% and 50%. The unit will remember the last level set and will restore it at power on.

Setting camera anti-flicker mode

Press both  and  simultaneously and release them to pop up the menu. Use  to move to the “MODE” field. Use  and  to select anti-flicker mode (50Hz for Europe, 60Hz for US) or FAST mode (set as default – allows for fast response to the moving text in flicker-free lighting environments). Then use  to move to the “Save & exit” field and press  to confirm new settings.

Automatic power-off

After three minutes looking at an unchanging image, the MagniLink Visus will reduce its power consumption. The display will go black and the lighting will go off. If any button is pressed it will power back up again automatically. If no action is detected for another 5 minutes the unit will power off completely and require you to switch it off and on to wake it.

If the battery is depleted, the MagniLink Visus will power-off and will not power on again until it is charged.

Alternative charging

The MagniLink Visus can be charged from the USB port of a computer or by many standard chargers for portable consumer devices. The connector used is an industry standard and all such chargers should be compatible though charging times will vary.

Care instructions and warnings

When cleaning the MagniLink Visus do not use soap solutions, solvents or abrasives. Do not immerse in water! Use the supplied cloth to remove fingerprints, etc. Heavier dirt can be removed with a damp cloth.

Do not open the MagniLink Visus – there are no user-serviceable parts inside.

The LED lighting in the MagniLink Visus is exceptionally intense. Do not stare into the LED lighting for prolonged periods.

At the end of its life, the MagniLink Visus should be recycled through a certified disposal facility. Do not incinerate.

Technical Data

	(MLVISUS4,3)
Charger Supply	100V – 240Vac 50/60Hz with supplied adaptor
Unit supply voltage	5V dc, micro-USB connector
Display	4.3"-diagonal TFT LCD 16:9
Operating temperature	0°C to 45°C
Recharging time	4 hours with supplied charger
Run time <i>Dependant on mode of operation and subject matter.</i>	Up to 4 hours.
Weight	198g
Magnification (near setting) (middle setting) (far setting)	7X, 9X and 14X 3.4X, 4.5X and 7X 1.5X, 2X and 3X

Specification is preliminary and is subject to change

Declaration of Conformity

We, Ash Technologies Ltd., declare under our sole responsibility that the products MagniLink Visus 3.4 and MagniLink Visus 4.3 of the brand LVI (Low Vision International), to which this declaration relates, are in conformity with the following standards or other normative documents:

EN55022: 2007

EN55024: 2008

EN61000-3-2: 2006

EN61000-3-3: 2008 and A1:2001 to EN61000-3-3:2008

Equipment classification: Class B

EN62471:2008 Classification: Risk Group 1 – (Low Risk)

following the provisions of EMC directive 2004/108/EC.

Alan Johnston

Ash Technologies Ltd, Naas, Ireland.

6 October 2011

