Low Vision Aids and Magnifiers

Catalogue 2017
GLOSSARY OF TERMS

A simple explanation of some of the technical terms used.

**AMD** . . . . . . . . . . Age-related macular degeneration (also called ARMD), the most common cause of sight impairment in later life.

**Ametropia** . . . . . . . . In need of spectacle correction, this term covers astigmatism, long and short sightedness.

**Aspheric** . . . . . . . . A complex surface curve used to minimise lens aberrations.

**Bi-aspheric** . . . . . . Bi-aspheric means an aspheric curve applies to both surfaces.

**Field of view** . . . . How wide an area you can see, e.g. how many words on a page you are able to see with each magnifier.

**Focal length** . . . . Decided by the power of the lens, it is shorter for stronger lenses. It is the distance at which the lens focuses light from a source.

**LED** . . . . . . . . . . . . Light Emitting Diode (a type of light source giving a white light).

**Lens aberrations** . . . . These are the annoying curving, distorting and rainbow effects seen at the edges of a magnifier.

**Lens aperture** . . . . . The diameter of the lens.

**Low vision** . . . . . . . . An eye care professional who specialises in assessing sight impaired users and prescribes magnifying aids, usually an optician.

**LVA** . . . . . . . . . . . . Low vision aid.

**Presbyope** . . . . . . . A person who has normal sight but has reached the stage of middle & presbyopia age where reading glasses are needed, a normal part of the ageing process in the eye.

**Residual vision** . . . The vision that a sight impaired person has left (or Remaining vision).

**Task lighting** . . . . Having a lamp close to and pointing at what you are looking at. A specialist lamp used for near or close-up tasks.

**Working distance** . . . . The distance between your eye and the thing you are looking at.
Norville offer a substantial range of low vision aids providing the optimum solution for both people with or without visual impairment, requiring assistance for everyday tasks.

Whether it’s a simple hand magnifier or digital magnification, we have endeavoured to offer a solution to suit every customer’s needs promoting independence and quality of life.

It is estimated there are around two million people with low vision in the UK. As the population age grows older, the number of people with low vision increases, other factors include Macular Degeneration, Diabetic Retinopathy, Cataracts and Glaucoma.

To place an order, or for more information on any product, please contact:

Tel: 01452 510321  •  Fax: 01452 510331  •  Email: sales@norville.co.uk

The Norville Group, Magdala Road, Gloucester GL1 4DG

www.norville.co.uk
BI-CONVEX HAND HELD MAGNIFIER
Transparent plastic frame, lightweight lens. Magnifiers c, d, e and h, have an additional lens in the handle.

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<tr>
<td>a</td>
<td>261465</td>
<td>65mm</td>
<td>3x</td>
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<tr>
<td>b</td>
<td>261480</td>
<td>80mm</td>
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<tr>
<td>c</td>
<td>2612401</td>
<td>40mm</td>
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<td>d</td>
<td>2612601</td>
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<td>2612801</td>
<td>80mm</td>
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<td>f</td>
<td>2614150</td>
<td>100 x 50mm</td>
<td>2x</td>
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<td>g</td>
<td>2614840</td>
<td>80 x 40mm</td>
<td>2.5x</td>
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<td>h</td>
<td>26129501</td>
<td>90 x 50mm</td>
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RECTANGULAR HAND HELD MAGNIFIER

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<tr>
<td>a</td>
<td>1510</td>
<td>40 x 75mm</td>
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<td>b</td>
<td>1520</td>
<td>45 x 90mm</td>
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<tr>
<td>c</td>
<td>1530</td>
<td>50 x 100mm</td>
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OMEGA BIFOCAL HAND HELD MAGNIFIER

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<tr>
<td>a</td>
<td>1110-P</td>
<td>50mm</td>
<td>3x/4.5x</td>
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<tr>
<td>b</td>
<td>1120-P</td>
<td>65mm</td>
<td>2.5x/4x</td>
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<tr>
<td>c</td>
<td>1130-P</td>
<td>75mm</td>
<td>2x/4x</td>
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<tr>
<td>d</td>
<td>1140-P</td>
<td>90mm</td>
<td>2x/4x</td>
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<tr>
<td>e</td>
<td>1150-P</td>
<td>100mm</td>
<td>2x/4x</td>
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ASPHERIC OMEGA HAND HELD MAGNIFIER
Plastic frame. Aspheric hardcoated plastic lens.

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<tbody>
<tr>
<td>a</td>
<td>AS-14</td>
<td>90mm</td>
<td>3.5x</td>
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PREMIERE HAND HELD MAGNIFIER

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<tr>
<td>a</td>
<td>1421</td>
<td>65mm</td>
<td>3x</td>
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<tr>
<td>b</td>
<td>1431</td>
<td>75mm</td>
<td>2.5x</td>
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<tr>
<td>c</td>
<td>1441</td>
<td>90mm</td>
<td>2.5x</td>
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<tr>
<td>d</td>
<td>1451</td>
<td>100mm</td>
<td>2x</td>
</tr>
<tr>
<td>e</td>
<td>1461</td>
<td>115mm</td>
<td>1.8x</td>
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COMPACT HAND MAGNIFIER
Lightweight design with ergonomic handle, plastic bifocal lens.

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<tbody>
<tr>
<td>a</td>
<td>1550-P</td>
<td>75mm</td>
<td>2x and 4x</td>
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Tel: 01452 510321 • Fax: 01452 510331
Email: sales@norville.co.uk
**Hand/Stand Magnifier**

Lightweight design with ergonomic handle.

- a 2031: 100 x 50mm, 2.6x
- b 2032: 100 x 75mm, 2.8x
- c 2034: 75 x 50mm, 3.5x
- d 2036: 100 x 50mm, 2.6x
- e 20601: 60mm, 2.5x

**Sheet Magnifiers**

Flat sheet Fresnel magnifiers. Protective case included with a & b.

- a 184: 55 x 85mm, 3.5x
- b 019: 78 x 150mm, 2x
- c 020: 215 x 280mm, 2x

**Illuminated Magnifier**

Plastic bodies with glass lenses on a, b and d. Plastic lens with D shape bifocal on c. Battery powered illumination.

- a L170: 90mm, 2.5x
- b L150: 65mm, 3x
- c L170-P: 90mm, 2x/4x
- d HL60: 60mm, 3x

**MOBILUX LED**

This design is lightweight with an ergonomic handle, a large light switch and white LED light. Scratch resistant aspheric lenses. Protective case.

- a 15112: 60mm, 3x
- b 15113: 75 x 50mm, 3.5x
- c 15114: 60mm, 4x
- d 15115: 58mm, 5x
- e 15117: 36mm, 7x
- f 151110: 39mm, 10x
- g 151112: 39mm, 12.5x

**APLANATIC**

Ergonomic shape handle for comfortable grip. Special lens design which is distortion free right up to the edge.

- a 2668950: 90 x 50mm, 2.7x
- b 266860: 90 x 60mm, 3.8x
- c 266875: 90 x 75mm, 2.9x
- d 266850: 90 x 50mm, 4.5x

**NEWS READER 1000**

Fresnel magnifier in mount with hand grip. Main lens 168 x 119mm, x2 magnification with x4 round 34mm inset portion.

- a 15112: 60mm, 3x
- b 15113: 75 x 50mm, 3.5x
- c 15114: 60mm, 4x
- d 15115: 58mm, 5x
- e 15117: 36mm, 7x
- f 151110: 39mm, 10x
- g 151112: 39mm, 12.5x

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**LED HAND ILLUMINATED**  
Lightweight hand held with battery powered LED illumination.

- a LE-65 65mm 3x
- b LE-75 75mm 2.5x
- c LE-90 90mm 2x

**ILLUMINATED STAND MAGNIFIER**  
Metal and plastic bodies with glass lenses. Battery powered illuminated cups.

- a M170 30mm 7x
- b M320 80mm 2x
- c M50 45x90mm 2.5x

**ASPHERIC STAND**  
Aspheric hardcoated lenses.

- a 2626 50mm 6x
- b 2628 35mm 10x
- c 263611 2.8x (detachable second lens)
- d 26367 2.8x

**SYSTEM VARIO LED**  
Lightweight design with ergonomic handle and LED illumination.

- a 156074 35mm 10x
- b 156174 36mm 7x
- c 156274 50mm 6x
- d 156394 58mm 5x
- e 156494 70mm 4x
- f 156574 36mm 12.5x
- g 156994 80mm 3x
- h 156994 150x50mm 3x
- i 158264 100x75mm 2.8x

**POWERLUX**  
Available in two different light temperatures. Two opposed position LEDs give shadow-free illumination. Auto switch off function.

**MENAS LUX ILLUMINATED STAND**  
Ultra flat design with large visual field. Integral illumination.

- a 143830 63mm 3x

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EMBROIDERY
Plastic hard coated lens with D shape bifocal.
a  6500P  100mm  2x/4x

STAND
Metal base with glass lens.
a  1630  75mm  2.5x

FLEXISTAND
Glass lens on flexible arm mounted on metal base.
b  1650  90mm  2.5x

G-CLAMP FLEXI
Metal construction with glass lens on flexible arm with G-clamp.
c  1780  130mm  1.8x

WIDE VIEW STAND
Hard coated plastic lens with additional 4x and 7x magnification lenses.
a  1795  110 x 145mm  1.8x

GOOSE NECK
Plastic easibend gooseneck mounts. Hard coated plastic lens with D segment.
a  1720-PC  100mm  2x/4x Bifocal lens
b  1720-PS  100mm  2x/4x Bifocal lens
c  1730  140 x 193mm  1.8x Fresnel lens

LIGHTWEIGHT READER CLIPS
• Lightweight, one-piece moulded polycarbonate readers
• Available in +1.00, +1.50, +2.00 and +2.50 powers
• Useful ‘flip clip’ design

DIRECTORY
Pearl line. Protective sleeve included.
a  750  25 x 150mm  2x

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PAPERWEIGHT
Glass lens in swivelling metal mount.

- a 1870 65mm 3x
- b 1880 Glass lens 60mm 5x
- c 1885 Plastic lens 50mm 4x

DESK LENS
Clear sided magnifier maximising natural light. Glass or plastic.

- a 1890 Glass lens 25mm 8x
- b 1895 Plastic lens 20mm 4x
- c 1900 15mm 20x Achromatic lens

METAL POCKET
Glass lenses in a metal swivel body. Storage pouch included. Leather pouch on c.

- a 7060 25mm 8x
- b 7070 20mm 3x / 4x / 5x (3 lenses)
- c 7090 15mm 20x Achromatic lens

SLEEVE POCKET
Glass lens folding into protective sleeve. Leather sleeve on c.

- a 3120 45mm 3.5x
- b 3122 45mm 3x
- c 3135 59mm 3.5x
- d 3180 45 x 65mm 2.5x

DESK LOUPE
Glass lens, plastic mount.

- a 1830 75mm 3x

FOLDING POCKET
Glass lens folding into rigid protective sleeve.

- a 171014 35mm 4x
- b 171067 35mm 7x
- c 1710910 35mm 10x

METAL POCKET
Glass lens folding into protective pocket.

- a 7025 13mm 16x
- b 7055 20mm 12x

SLEEVE POCKET
Glass lens folding into metal protective sleeve.

- a 7960 36mm 4x
- b 7962 36mm 4x / 4x

OPTIMA GO
Sliding pocket magnifier with battery powered LED illumination. Complete with lanyard and microfibre pouch. Available as a seven-piece Starter Pack POS display.

- a 261001 45x35mm 3.5x
- b 231601 45x35mm 5x
- c 262801 35mm 8x
- d 263601 35mm 10x
- e 264401 35mm 12x
- f 266001 35mm 14x
- g Starter Pack

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WATCHMAKERS EYEGLASSES
Glass lenses in plastic mounts.

- **a** 7300 15mm 10x
- **b** 7210 23mm 4x
- **c** 7220 23mm 5x
- **d** 7230 23mm 6x

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SCALE LOUPE
Glass Achromatic lenses. Removable scale on b, c and d.

- **b** SL7A 7x Scale 0-20mm in 0.1mm steps
- **c** SL10 10x Scale 6-10mm in 0.2mm steps
- **d** SL15 15x Scale 6-6mm in 0.1mm steps

LORGNETTE PENDANT
Glass lens in acetate mount. Presentation case and soft drawstring bag included.

- **a** 330-3 Sk 3.5 dioptres Khaki frame, silver chain
- **b** 330-2 SDR 2.5 dioptres Sherry frame, gold chain

PENDANT
Glass lens in silver or gold colour mount. Presentation case included.

- **a** 323S 35mm 4x Silver
- **b** 323G 35mm 4x Gold

MONOCULAR
Closed size: 70mm. Rubber eyecup.

- **a** Evolution 40 4x 12cm—Infinity
- **b** Evolution 50 5x 10cm—Infinity
- **c** Evolution 60 6x 16cm—Infinity

TWEEZERS WITH MAGNIFIER
Storage pouch included.

- **a** 1960 30mm 4.5x
SPECTACLE BINOCULAR
Hard case and cleaning cloth included.

a HF10B 2.5x

CLIP-ON BINOCULAR
Hard case and cleaning cloth included.

b HP20B 2.5x

HEAD BINOCULAR
1.8x fixed lens, plus 2.5x flip up lens to give total of 3.3x

a BM110 1.8x2.5x

ADDITIONAL HIGH POWER LENSES

b BM100 B1 2.3x, BM100 C1 2.7x, BM100 D1 3.5x

MEGAVIEW MG3
Unit consists of three interchangeable, hard coated acrylic lenses.

- 2x, 2.5x, 3x
- Focal Length: 300mm, 250mm, 150mm.

MEGAVIEW MG20
Lightweight and comfortable, unit consists of four interchangeable, hard coated acrylic lenses. LED illumination, adjustable headband.

- 2x, 2.5x, 3x, and 4x monocular.
- Focal Length: 280mm, 200mm, 140mm, 65mm.
- Takes 3 AAA batteries
AMIGO

- Slim (less than 2") and lightweight (1.3 lbs.)
- Digital magnification from 3.5x to 14x
- Large field of view
- Large viewing screen - 165mm
- Removable standard battery with internal charger (spare battery included)
- 6 viewing modes, including 2 Colour Select options
- Writing stand and Carrying Case
- Connects with TVs for increased magnification
- Freeze frame function.

MAX

For a powerful and affordable digital magnifier that is simple to use, look no further than Max. Use this lightweight, hand-held portable device on any straight or curved surface to magnify images and text from 15x to 28x! Move Max over books, newspapers, magazines or even medicine labels and read with ease. Max connects quickly to any TV or monitor and is ideal for use at work, school or even on holiday.

PEBBLE

- Adjustable magnification of 2x to 10x
- Lightweight 7.7 ounce design
- 3.5” high resolution LCD display
- Adjustable brightness
- Easy-to-use tactile controls
- 6 viewing modes

COMPACT+ HD

- High Definition camera for superior quality images. Outperforms optical magnifiers
- Continuous zoom: 2.8 - 11X
- 4.3” bright widescreen
- Snapshot and save up to four captured images
- Choose up to 4 high contrast text and background colour combinations for easier reading
- Small & lightweight: 250 grams / 8.8 ounces
- Use with and without the easy-grip retractable handle
- Rechargeable battery