



Product Catalogue 2017



**Simple and effective solutions for the
blind and visually impaired**

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About Optelec

Since 1975, Optelec has been developing simple and effective solutions for the visually impaired for personal, work and educational use. It all started when Mr. F.J. Tieman developed the first video magnifier for a customer who could no longer see and read with glasses. Over the years, Optelec opened offices throughout the world and developed many new product lines. Optelec's current portfolio includes a variety of easy-to-use desktop, portable and laptop video magnifiers, text-to-speech devices and braille products. With these products, users can improve their quality of life and regain their independence and mobility.

See



Electronic video magnifiers help users to read letters, sort out mails, manage financial transactions, prepare meals, perform hobbies and more; the possibilities are endless. Desktop video magnifiers can be used at home and work, while portable video magnifiers can be used on the go.

Hear



For people who find reading tiring, there are solutions that read text aloud. The Optelec text-to-speech devices scan and read any printed document using a naturally sounding voice. Many reading voices and languages are available, allowing users to select their preferred settings.

Feel



There are several braille devices that can be easily connected to any PC, tablet or phone. This gives the user the possibility to be independent and flexible in the home and work environment. Portable braille products can be connected to a smart phone and can be used anywhere, anytime.

Our Philosophy

“Improving the quality of life for the visually impaired, reaching out with simple and effective solutions.”

Optelec's mission is simple: “Improving the quality of life of visually impaired and dyslexic people – reaching out with simple and effective solutions.” Our aim is to help anyone with a visual impairment, whether it is blindness, any degree of vision impairment or dyslexia, with simple to use and intuitive products. These products are designed to help you lead an independent and full life: to allow you to stay in touch with those around you, to enable you to continue school or work and to help you with your hobbies.

When medical treatments are fully exhausted, there are still many assistive products available that can help. These are the products that Optelec offers - with the hope of making a difference and improving the life of someone with a visual impairment. Because at Optelec we truly believe that

“life is worth enjoying!”

Optelec Worldwide

Headquarters:

The Netherlands: Optelec International

Offices:

Belgium: Optelec NV

Canada: Optelec Canada

Germany: Optelec GmbH

The Netherlands: Optelec Nederland B.V.

United Kingdom: Optelec UK

United States: VFO US

Dealer network

Australia & New Zealand: Quantum

Reading Learning Vision

Austria: TSB Transdanubia

Bosnia & Herzegovina: Gloria Ferrari d.o.o.

Bulgaria: OptiGroup Ltd.

China: Beijing MediWorks R.G. Tech Co., Ltd.

Colombia: Lugen Optics S.A.S.

Croatia: Multi Media Matic

Cyprus: M.T. Ray Optics Ltd.

Czech Republic: Spektra VDN

Denmark: Itech ApS

Estonia: MTÜ Jumalalaegas

Finland: Näköpiste Polar Print Oy

France: CECIAA

Greece: Enlogic

Hong Kong: HKSB

Iceland: Oreind s.f.

India: Barrierbreak Technologies Pvt Ltd

Indonesia: PT Foyer Media

Iraq: AlDurra Scientific Bureau

Israel: Chai Cohen, Computer & Information Systems

Italy: Cluster Voice Systems S.r.l.

Japan: Times Corporation

Latvia: SIA "Exceed"

Macedonia: Gloria Ferrari d.o.o.

Malaysia: Rus Medic Sdn Bhd

Malta: Integrated Marketed Services Ltd.

Montenegro: Gloria Ferrari d.o.o.

Norway: Adaptor

Poland: Altix Spolka z.o.o.

Portugal: Electrosertec Lda

Romania: Altix Vision SRL

Russian Federation: Istok Audio Trading, Ltd.

Saudi Arabia: Bassam Tech

Saudi Arabia: Qottuf Aljazeera Company

Serbia: Gloria Ferrari d.o.o.

Slovakia: Tyflocomp

Slovenia: OFTALMA d.o.o.

South Africa: Sensory Solutions

South Korea: Hendi International Inc.

Spain: Rehasoft

Sweden: Polar Print

Switzerland: Accesstech AG

Taiwan: International United (NY) Co., Ltd.

Thailand: DK Healthcare Co.,Ltd

Thailand: Interfocus Thailand Co., Ltd.

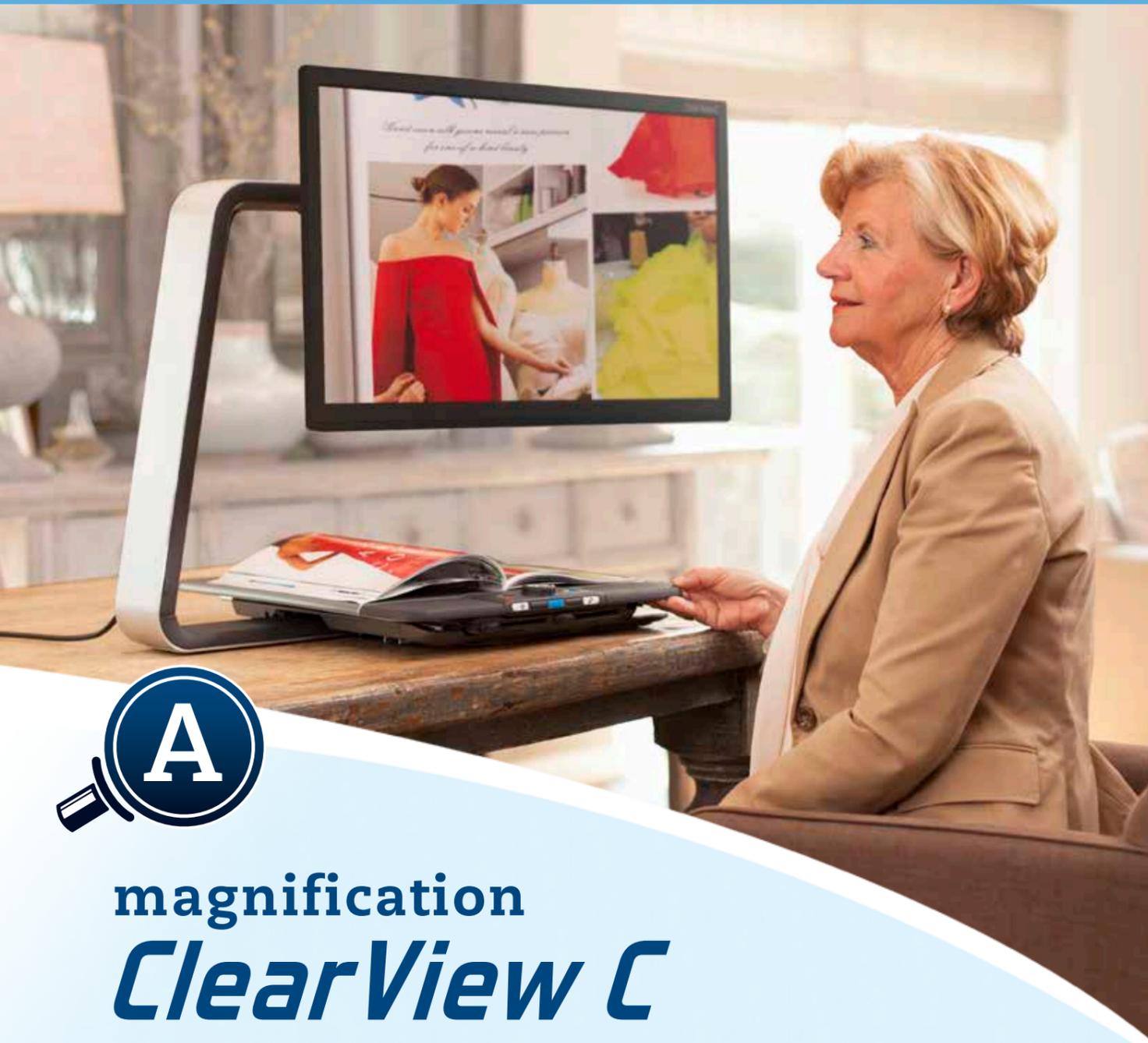
Turkey: Beyid Ltd.

United Arab Emirates: Nattiq Technologies



magnification

Electronic Video Magnifiers



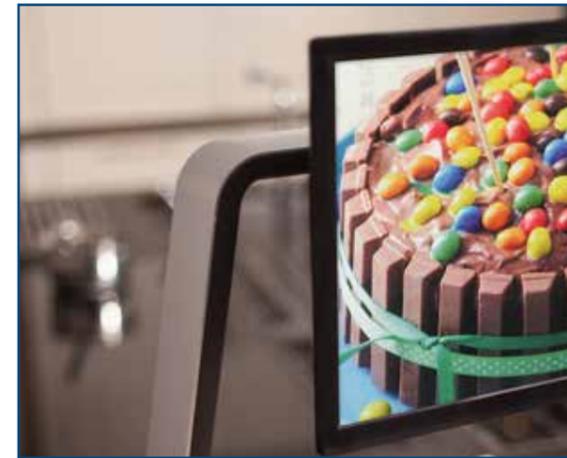
magnification *ClearView C*

The new Optelec ClearView C is a unique video magnifier that is designed to improve your reading experience.

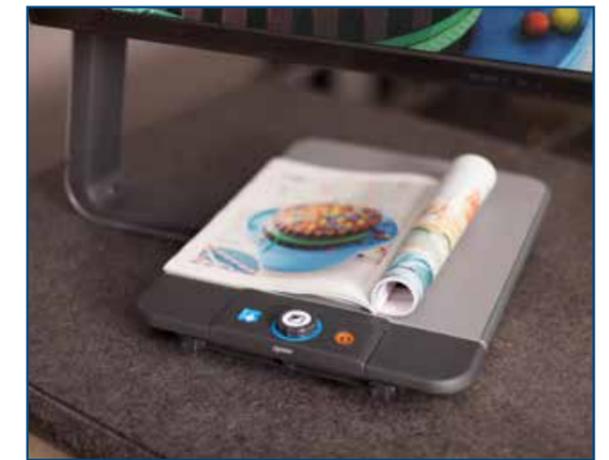
The modern design provides you with more working space and helps you to read your favourite newspaper, enjoy craftwork or write a cheque without being restricted in movement.

*Stand out from the crowd
and choose for comfort and design!*

Comfortable reading starts with the C



The ClearView C will increase your reading comfort and also match the interior of your home. It looks stylish so you can even place it in your living room.



When we started to develop a new video magnifier, we wanted to eliminate all of the difficulties users experienced. After extensive research involving our clients, we came up with a completely new design.

Key benefits:

- Unique and modern design that fits your interior
- C-shaped arm giving you more freedom of movement
- More working space to read larger documents more easily
- Control Pad to switch between basic and advanced controls
- View High Definition text and images on a bright widescreen
- Space saving Compact or wide Comfort set-up



Choose your ideal ClearView C



Back to basics

View text and images in High Definition while only using basic functions and menu options.

ClearView C One



See every detail

The High Definition camera provides low magnification from 1.5X and ultra sharp images.

ClearView C HD



Work with your PC

Combine the image of your video magnifier and computer on one monitor.

ClearView C TwinView



Read newspapers

All ClearView C models are available in the Comfort setup that provides more space to read large documents.

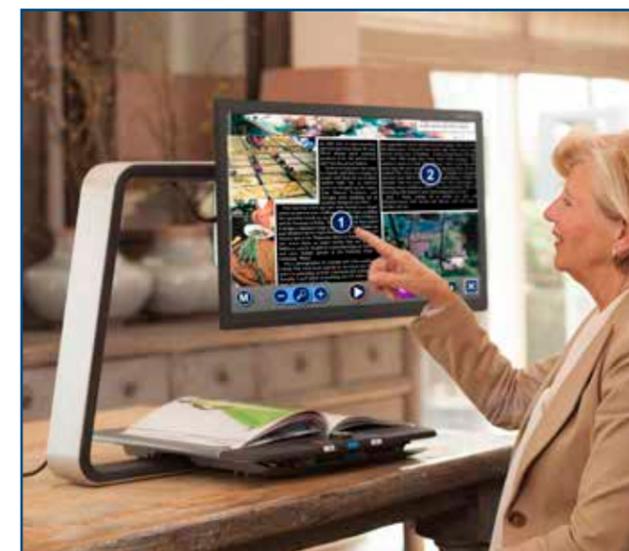
ClearView C Comfort

ClearView C Speech



Is reading too tiresome for you?

The Optelec ClearView C Speech can instantly convert any printed text into speech. This makes it possible to have access to information in a way that is most comfortable and easy for you. Especially long texts are now easy to read.



The ClearView C Speech displays full pages and automatically identifies the document layout. You can select the text of your interest by simply pointing at a word or paragraph. This ensures that you navigate quickly within a document.

Key benefits:

- Point & Read functionality: intuitive touch interface
- Overview: full A4 page viewing
- Assistive reading with automatic text zone recognition
- Fast text recognition (OCR)
- over 60 reading voices in over 30 languages
- Automatic language detection (up to 5 languages)
- Saving and opening documents on a SD card or USB stick



magnification *ClearView C Flex*

The Optelec ClearView C Flex is a unique video magnifier that perfectly fits your workplace.

This unique product helps you to keep your desk free and still enjoy the support of a video magnifier. The ClearView C Flex enables you to read documents, perform hobbies or work with your computer.

*Enjoy more freedom of movement
with this space saving solution!*

Flawless integration starts with the Flex



Because of the flexible arm, you can easily put the ClearView C Flex in the position you prefer. Pull it towards you when you need magnification, or position the monitor further away when you don't need it.



The ClearView C Flex looks like any other monitor. It perfectly blends with your work environment. Your coworkers won't even notice you are working with a video magnifier.

Key benefits:

- A desktop video magnifier that saves space on your desk
- Enjoy more freedom of movement with the flexible arm that can be moved in any position
- More working space to read larger documents more easily
- Customize your unit to suit your needs:
 - Control Pad to switch between basic and advanced controls
 - ClearView C Flex Full HD with 24" monitor
 - ClearView C One Flex with 21.5" monitor
 - Special TwinView monitor available for computer users
 - Speech module available with touchscreen offering intuitive Point & Read speech output
- Optional reading table to support your reading



magnification

Traveller HD

With the Traveller HD, you can read anywhere: at a table, on the couch, in a lounge chair and even in bed! It is small and portable, so you can easily take it with you to use it at home, in the office, at school, on holiday, or any other place.

Wherever you are, at home, in the office, at school or on holiday, the Traveller HD is your ideal light weight reading companion.

Slide & Read

Improve your reading fluency with the Traveller HD. Its unique Slide & Read mechanism provides you with a more natural reading experience, especially for those people that find it difficult to keep their hand steady. Slide the screen across a line of text and view the content on-screen. It has never been easier to follow the line or sentence. Sliding back and forth enables you to recognize the shapes of individual words.



You can see a more complete line of text because of the large screen, so you can read even more fluently.

Superior image quality

In high definition, enjoy stepless and variable zoom, with adjustable magnification starting at 2.4 times, the Traveller HD allows you to see smaller details of photos and text on the high brightness 13.3-inch widescreen.

Key benefits:

- Read anywhere: at a table, couch or in bed
- Easy to take with you and store away
- Slide & Read
 - Natural reading experience
 - Easy to follow lines of text
- More words onscreen for easier word recognition
- Continuous zoom: 2.4 - 30X
- 13.3" widescreen
- High Definition camera for superior image
- Rechargeable battery
- Optional reading stand to read books more comfortably



Compact HD

The Optelec Compact HD video magnifiers are designed for easy use. These unique magnifiers offer sharp High Definition images in a portable design.



Compact+ HD

Would you like a portable magnifier to read in an intuitive manner as with a traditional handheld magnifier?

Take the Compact+ HD with you and use it wherever you want to transform blurry text into sharp magnified text.



Key benefits:

- Screen: 4.3"
- Magnification: 3X - 12X
- Ergonomic foldable handle for easy viewing
- Takes and stores images
- Contemporary design

Compact 7 HD

The Compact 7 HD integrates the largest screen available in the Optelec Compact product family; still it is small enough to be easily carried from one location to another.

Unlike desktop magnifiers, the Compact 7 HD allows you to comfortably read letters and books on your couch or in your favourite chair.



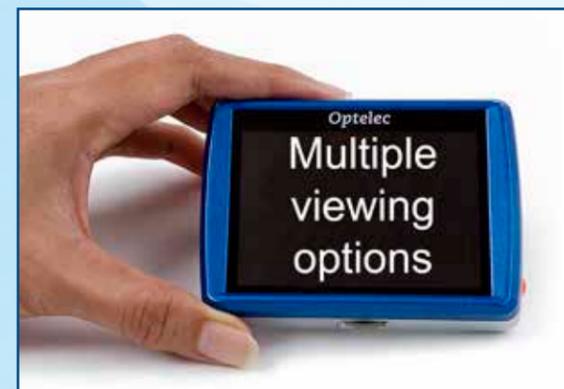
Key benefits:

- Screen: 7"
- Magnification: 2.5X - 30X
- Save up to 75 captured images
- Angled screen position for comfortable reading
- Designed to move smoothly over reading materials

Compact mini

Would you like a quality magnifier that fits in your pocket? Are you searching for a simple and lightweight product to read everywhere?

The Compact mini weighs only 134 grams, making it the lightest magnifier in the Compact range. You can easily take it with you and use it while you are on the go.



Key benefits:

- Screen: 3.5"
- Three magnification levels: 5X, 8X and 11X
- Integrated reading stand
- Ideal for on the go

ClearNote HD

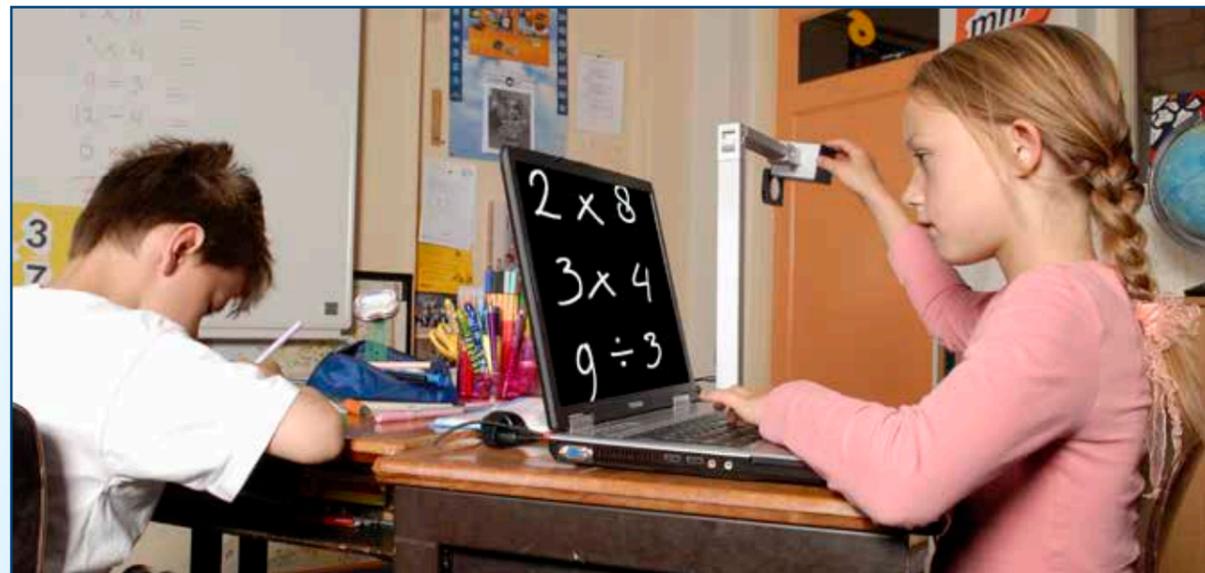
Use an external camera with your laptop

Flexible extension of your laptop

The ClearNote provides you with magnified, high contrast live images of documents, whiteboards or other relevant information around you. To save information for future reference, the ClearNote captures an unlimited number of screenshots to store on your computer.

Built-in intelligence

With the ClearNote HD you can quickly change your focus from a document to a whiteboard. Previously selected settings of different camera positions are automatically recalled, making reading quicker and easier.



Key benefits:

- Continuous magnification: 1.5X - 43X on a 15" screen
- High definition auto-focus camera
- Can be connected to any PC or laptop with USB 3 support
- Two camera lenses for desktop and distance viewing
- Flexible camera head (tilt-and-swivel)
- Handheld remote control with easy-to-operate buttons
- Touch screen support

TwinView

Switch images with a split screen monitor

Wide viewing angle

The TwinView 24-inch screen is a wide viewing angle monitor specially developed and optimized for people requiring magnification and high contrast. The TwinView delivers distortion-free, ultra sharp images, even when viewed from an angle.

More overview, less toggling

Discover the power of split screen functionality by combining the images of both your video magnifier and your computer on a single monitor. Adjust the position of the split images by operating the high contrast buttons.



Key benefits:

- 24" High Definition TFT widescreen
- Connectivity with two devices simultaneously
- Image-switch: toggle between the images of both connected devices and view full-screen
- True split screen: display both images simultaneously using either horizontal or vertical split-screen, no adjustments of the PC magnification software required

Optical Magnifiers

Do you have trouble reading? Are you looking for something that can help you to read comfortably again? Optelec offers a wide range of optical magnifiers that allows you to read texts more easily. Whether you want to read at home, at the office or on the go, we have a solution for you.

Handheld magnifiers

Handheld magnifiers are ideal to use at home. There are many types of handheld magnifiers: classic reading magnifiers, ergonomically designed magnifiers, and illuminated magnifiers with LED light that make reading easier.

- Magnification: 2.5X and up

Stand magnifiers

Stand magnifiers are useful if you want to read longer pieces of text or if you find it difficult to hold a magnifier. Larger stand magnifiers are placed

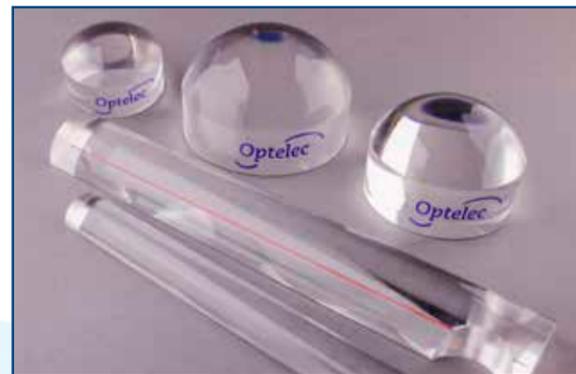
on a table, smaller stand magnifiers are placed directly on the document you want to read.

- Magnification: 3.5X and up

Dome and bar magnifiers

Dome and bar magnifiers are light weight, handheld products that are ideal for simple reading tasks. Dome magnifiers are uniquely shaped in a semi-circle that provide distortion-free pre-focused magnifying power. Bar magnifiers can be used to read a line of printed text or handwriting more easily.

- Magnification dome: 1.8X and up
- Magnification bar: 2X and up



Key benefits:

- Multiple types available
- Integrated LED lighting for optimal reading experience
- Small and lightweight
- Portable



speech

Audio Text Readers



speech *ClearReader+*

Would you like your daily newspaper or favourite magazine to be read aloud to you? Are you searching for a portable and stylish device that scans and reads any documents just at the press of a button?

Rediscover the joy of reading anytime and anywhere. Within a few seconds, the ClearReader+ scans any magazine article and reads them to you in naturally sounding voices.

Reading by listening

Intuitive operation

The ClearReader+ is designed for ease of use. Its buttons are easy to operate and have distinctive shapes. This helps you to control the integrated state-of-the-art technology without any effort.

Quick voice selection

The ClearReader+ offers a broad variety of high quality male and female reading voices in 31 different languages. Select your preferred languages and voices and switch them instantly while reading.



Saving and retrieving documents

With the ClearReader+ you have the option to save your mail or articles for later reference. You can archive single and multiple page documents and access them when needed.



Portable solution

Benefit from the portable design and use the ClearReader+ anywhere in your home. Move the unit around easily by using the convenient foldable carrying handle.

Key benefits:

- Fast text recognition (OCR)
- over 30 supported languages
- over 60 high quality, easy-to-change reading voices
- Foldable carrying handle
- Volume and speed control
- Built-in stereo speakers
- Saving and opening documents

Choose your favourite

ClearReader+ Basic

Rediscover the joy of reading anytime and anywhere. Within a few seconds, you can listen to any printed document scanned by the ClearReader+ Basic with just one click.

The ClearReader+ Basic is AC powered and does **not** contain an integrated battery.



Key benefits:

- over 30 supported languages
- over 60 natural voices
- Ideal to use at one fixed place
- AC powered

ClearReader+ Advanced

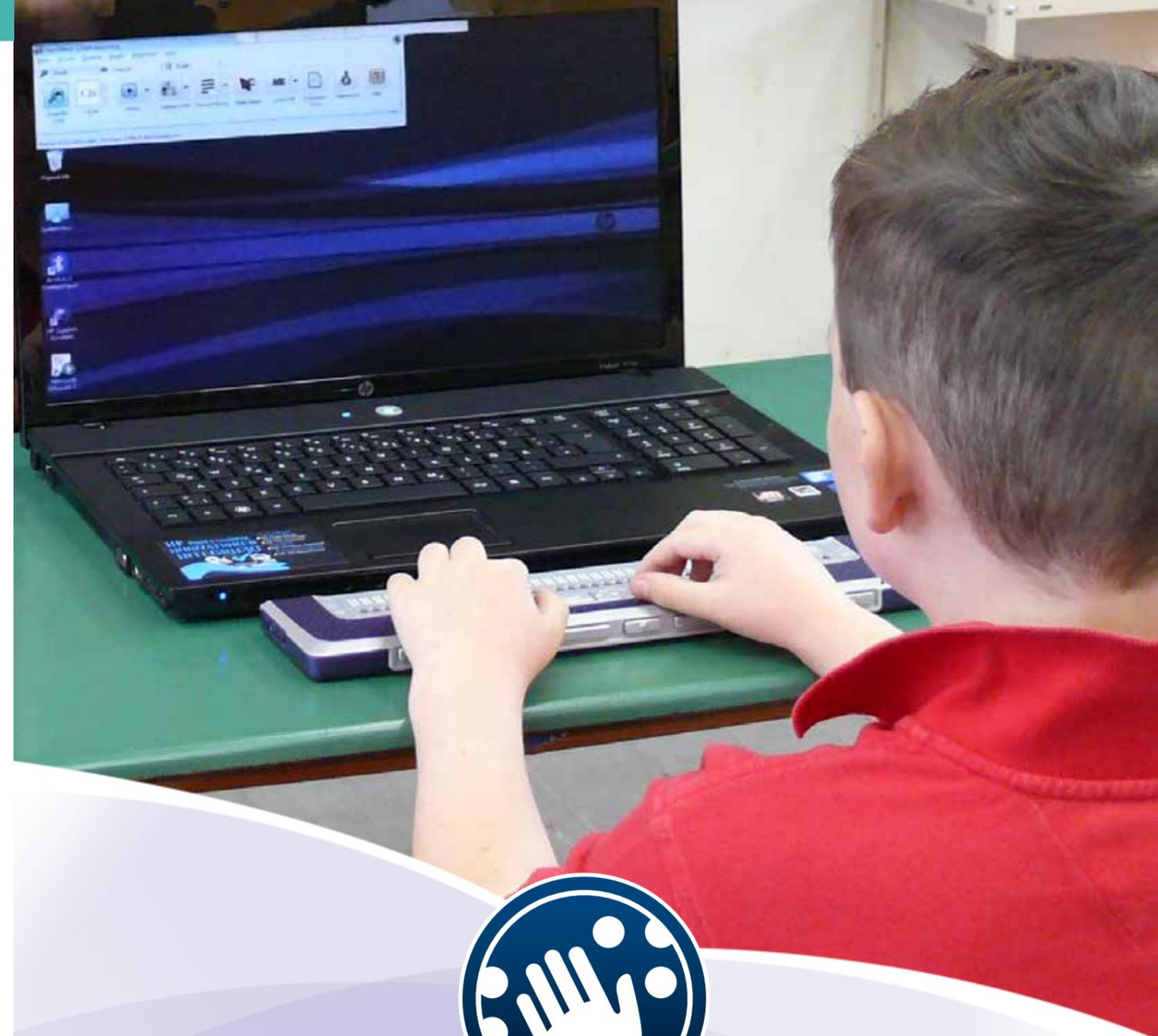
Connect to a screen and select the text of your interest by simply navigating with the easily recognizable buttons. The ClearReader+ Advanced automatically identifies paragraphs and columns to help you navigate faster. Archive single and multiple page documents and access them when needed with the special large font menu.

The ClearReader+ Advanced offers a remote control and integrated battery.



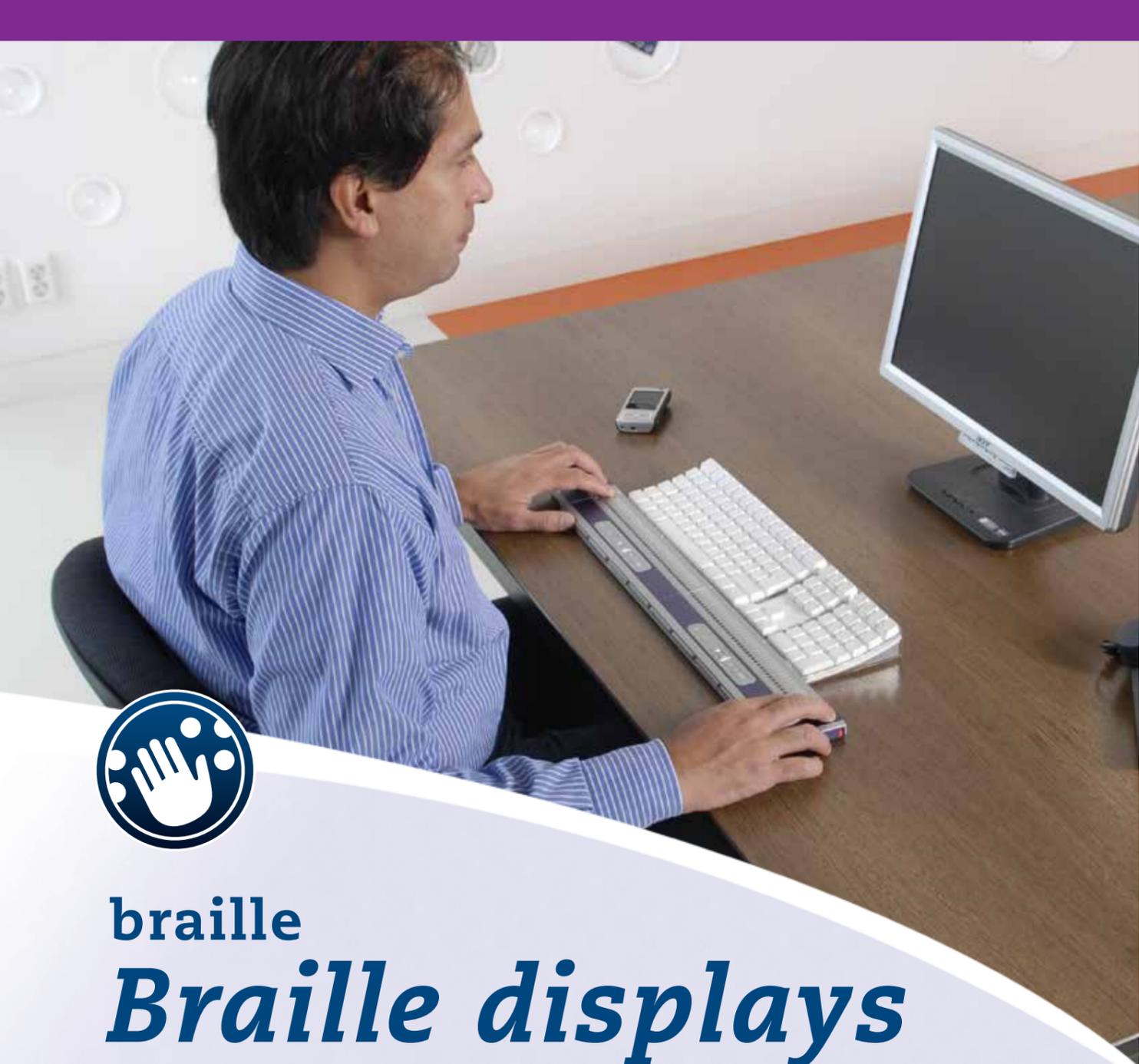
Key benefits:

- over 30 supported languages
- over 60 natural voices
- Adjustable document views (overview, formatted line view, formatted column view, full page overview)
- Handheld remote control
- Integrated battery



braille

Braille displays



braille *Braille displays*

Are you a braille reader? Would you like a device that converts information from your computer screen into a seamless line of braille characters?

Optelec offers a whole family of braille displays, each allowing you to read the information that is on your computer screen in braille.

ALVA BC 640

The ALVA Braille Controller 640 wirelessly connects to your computer, smart phone or tablet without having to install a driver.

The light, compact design makes the ALVA BC 640 your ideal companion while travelling. Take the ALVA BC640 with you, using the convenient carrying case, and effortlessly interact with your phone or computer.



Key benefits:

Powerful, wireless braille in a small design for PC, phone or tablet.

- 40 braille cells for reading
- 9 key Smartpad navigation
- Integrated Bluetooth

ALVA BC 680

The slim design of the ALVA BC680 enables you to read up to 80 characters at once.

The ALVA BC680 offers simultaneous connectivity with two separate PCs or a PC and a smart phone. Connect your PC keyboard directly to the BC680 and work on the PC while staying connected to receive text messages in real time.



Key benefits:

For professional use and real multitasking. Connect two PC's at the same time.

- 80 braille cells for reading
- 18 key Smartpad navigation
- Integrated Bluetooth
- USB keyboard connection

ALVA 640 Comfort

Are you looking for an affordable, easy to use Braille display?

The ALVA 640 Comfort stands out in its simplicity, ease of use and affordability. It offers a Braille keyboard, an internal notepad function and Bluetooth® wireless technology to convert text from your PC, tablet or phone into a seamless line of 40 Braille characters.



Key benefits:

Affordable and complete, read and write Braille with PC, phone or tablet.

- 40 braille cells for reading
- Braille keyboard for typing
- Internal notepad of 1000 pages

ALVA USB 640 Comfort

Would you like a Braille display that converts information from your computer screen into a seamless line of Braille characters?

The ALVA USB 640 Comfort is a small and affordable braille solution for the PC. You can easily take it with you from home to the office as well as to other locations.



Key benefits:

Small and affordable braille solution for PC.

- 40 braille cells for reading
- Lightweight
- USB connection

Find us online

Would you like to know more about us or our products? Find us online and stay up-to-date anytime, anywhere!

Website

On our website www.optelec.com, there is more to explore than just our products. You will find a wealth of information about eye conditions and associated organizations, a list of our distributors and recommended products for eye conditions and symptoms. Via the contact forms you can easily contact us with any of your questions.



Watch our videos

Are you looking for demonstration videos or do you need more information about our products? On our Youtube channel, www.youtube.com/OptelecTube, you will find videos of introductions and demonstrations of our products in several languages.



Connect with us on social media

Optelec is active on social media in several countries. Keep yourself informed about events, actions, news, testimonials, interesting facts and behind the scenes moments through Twitter and Facebook. We'll see you there!





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magnification



speech



braille