

Epson MOVERIO BT-100

DATASHEET



Anticipating future growth in demand for wearable, portable devices for entertainment and enterprise, Epson has unveiled its first generation of See-Through Mobile Viewer – the Moverio BT-100.

Developed with travel environments in mind, these multimedia glasses draw from Epson's expertise in imaging technologies by introducing this new concept in portable entertainment. This first-generation device offers you the ability to view large-screen video content through transparent lenses, ensuring you can remain aware of your surroundings, while viewing content in total privacy.

Everything is powered by the pocket-sized control unit which features, through the Android™ 2.2¹ platform, web browsing capability enhanced by its embedded Wi-Fi connectivity. This gives you complete flexibility to watch a variety of content and browse the internet in a variety of locations, whether you're travelling, waiting for a flight or at home and offers a hands-free alternative to tiny smartphone and tablet PC screens. It also comes with a handy carry case to transport and store it safely.

Enjoying your favourite TV shows and films is simple, as you can watch MPEG4 video files on the 4GB SDHC memory card included as well as being able to watch side-by-side 3D content. The moment you put on the headset, you're greeted by a large perceived image, that's equivalent to watching a 320-inch display from 20 metres away. This ensures that the experience is similar to watching a big-screen projection, even in confined environments such as aeroplanes and trains, and delivers a QHD display resolution equal to a quarter of Full HD.

The BT-100 is extremely easy-to-use thanks to the intuitive smart-navigation carousel menu and the built-in digital user guide, ensuring that help is readily available whenever needed. The smartphone-sized control box has dedicated buttons for common functions and a touch-sensitive trackpad for ease of use. Audio is provided through the Dolby Mobile² stereo sound earphones which are detachable, so they can be quickly changed. Adjust the headset thanks to the replacement nose pads and adjustable side arms and fit it over glasses, ensuring everyone can enjoy a unique entertainment experience.

KEY FEATURES

- Transparent lenses for see-through viewing
- Browse the internet with Wi-Fi connectivity
- Android™ 2.2¹ platform and Adobe Flash player for easy web browsing and faster application speeds
- Large perceived image – equivalent to watching a 320-inch screen from 20 metres away
- Easy-to-use micro-tablet control unit, featuring dedicated buttons and touch-sensitive trackpad
- Watch MPEG4 video files



PRODUCT SPECIFICATIONS

MODEL TYPE	See-through, over the glasses
OPTICAL	
LCD driving method	Poly-silicon TFT active matrix
LCD size	0.52-inch wide panel (16:9)
LCD pixel number	960 × RGB × 540 (qHD)
Field of view	Approx. 23.0°
Screen size (projected distance)	320 inches at 20m
Colour reproduction	24 bit-colour (16.77 million colors)
Glasses size of internal capsule	<147mm
SOUND OUTPUT	
Head set / controller / surround	1.5mW/16 ohm/2.5φ Mono × 2
Sensitivity level	108 dB/mW
Frequency range	20–20,000HZ
Impedance	16 ohm
Sound quality function	Dolby Mobile ²
Sound	Off / acoustic / bass booster / classical / hip hop / jazz / piano / pop / r&b / rock / vocal booster / urban contemporary / sports / news / variety / drama / movie / studio / live
FUNCTION BUTTON	Home, menu, back, mute, 2D/3D, brightness, volume, key lock, cross key, enter key, power
ADJUSTMENT FUNCTION FOR ANDROID™ 2.2¹ PLATFORM	
Platform	Android™ 2.2 ¹ platform (non-Android market-compliant)
External memory; user memory	Micro SD (max. 2GB), MicroSDHC (max. 32GB)
Pre-install application	SEViewer / Adobe Flash player 10.3 / iWnn IME / HELP (Digital User Guide)
SUPPORTED FILE FORMATS	
Video	MPEG4, H.264
Audio	AAC, MP3
3D support	Yes, side-by-side
CONNECTION TERMINAL	Micro-USB, Micro SDHC card slot
NETWORK I/O	
Wireless LAN	Yes IEEE 802.11b/g/n
GENERAL	
Operating temperature	5°C to 35°C <41°F to 95°F> (20%–80% humidity)
Power supply: AC Adapter	Input 100–240V AC, 50/60Hz, Output DC5V 1A
Battery life	Approx. 6hrs (It may vary upon the setting and environmental situation)
Battery type	Li-Polymer
DIMENSIONS	
Head set (D×W×H)	
Controller (D×W×H)	
WEIGHT	
Head set	(without cable)
Controller	
COMPATIBLE STANDARDS	
Safety Europe	Low Voltage Directive (2006/95/EC) (CE mark),
EMC: CE (Europe)	R&TTE Directive (1999/5/EC) (CE mark)
Warranty	1 year
LANGUAGES	
OSD and Android	Japanese / English / French / German / Italian / Spanish (Spain) / Spanish (USA) / Portuguese (Portugal) / Portuguese (Brazil) / Simplified Chinese / Traditional Chinese / Korea / Russian / Swedish / Norwegian / Danish / Dutch / Polish / Czech / Greek / Turkish
Manual	Japanese / English / French / German / Italian / Spanish / Portuguese / Arabic

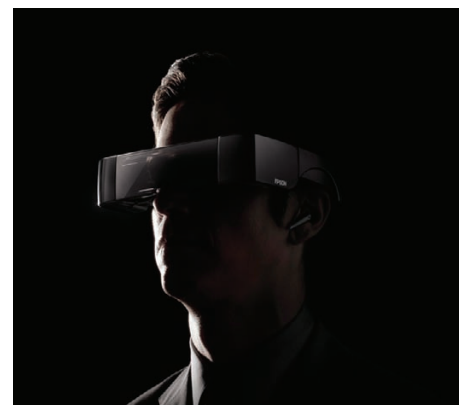
Epson MOVERIO BT-100

WHAT'S IN THE BOX

- AC adapter
- USB cable
- Detachable Earphones × 2
- Semi-hard carrying case
- Light shielding
- 4GB Micro SDHC card
- Hooks for eyeglasses
- User Guide
- Registration card
- Nose Pad × 2

PRODUCT LOGISTICS

- SKU code
- Barcode
- Carton dimensions
- Carton weight
- Pallet Quantity/Weight
Master Carton for 8 sets:
- Country of origin



¹ Android is a trademark of Google

² Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories



For more information please contact:

Telephone: 0871 222 6702 (UK)
01 436 7742 (Republic of Ireland)

E-mail: enquiries@epson.co.uk
Chat: etalk.epson-europe.com
Fax: 0871 222 6740

Web: www.epson.co.uk
www.epson.ie

* Calls cost 10p per minute plus network extras.

Trademarks and registered trademarks are the property of Seiko Epson Corporation or their respective owners. Product information is subject to change without prior notice.

EPSON[®]