



cinemizer OLED
Technical details
Updated May 2015

Image	<ul style="list-style-type: none"> - OLED displays (Organic Light Emitting Diode) - Simulated screen of 40 inch (=1 m) in 2m distance - Aspect ratio 16:9 - 2 high resolution displays with 870x500 pixel each (100% fill factor) - 24 Bit RGB color depth - FoV (Field of View): 30° 								
3D support	<ul style="list-style-type: none"> - Side-by-side / Top-Bottom / Line interleaved - see below 1) Supported 3D formats - Frame Packing at 720p and 1080p (HDMI 1.4) - cinemizer OLED is supported by NVIDIA 3DTV Play™ 								
Dioptr setting	continuous prescription setting of -5 to +2 D for each eye								
Interpupillary distance	The optics supports an IPD range of 59 – 69mm								
Input sources	<ul style="list-style-type: none"> - HDMI: 640x480p 60Hz, 720x576p 50Hz, 720x480p 60Hz, 1280x720p 50/60Hz, 1920x1080i 50/60Hz, 1920x1080p 50/60Hz, 1920x1080p 24Hz, HDMI 1.4 3D 1080p 24 Hz, HDMI 1.4 3D 720p 60Hz - AV-In: 3,5mm / 4pin jack for audio & video (PAL/NTSC) - Video capable iPod & iPhone models (30-Pin connector) via optional accessory 								
<table border="1"> <thead> <tr> <th data-bbox="456 835 708 875">iPod</th> <th data-bbox="708 835 967 875">iPod Touch</th> <th data-bbox="967 835 1225 875">iPod Nano</th> <th data-bbox="1225 835 1485 875">iPhone</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 875 708 1032"> <ul style="list-style-type: none"> • iPod with video (iPod 30/60 GB 5th Gen) • iPod Classic 80/120 /160GB 8th Gen </td> <td data-bbox="708 875 967 1032"> <ul style="list-style-type: none"> • iPod Touch 1st Gen • iPod Touch 2nd Gen • iPod Touch 3rd Gen • iPod Touch 4th Gen </td> <td data-bbox="967 875 1225 1032"> <ul style="list-style-type: none"> • iPod Nano 3rd Gen • iPod Nano 4th Gen • iPod Nano 5th Gen </td> <td data-bbox="1225 875 1485 1032"> <ul style="list-style-type: none"> • iPhone • iPhone 3G • iPhone 3GS • iPhone 4 • iPhone 4S </td> </tr> </tbody> </table>	iPod	iPod Touch	iPod Nano	iPhone	<ul style="list-style-type: none"> • iPod with video (iPod 30/60 GB 5th Gen) • iPod Classic 80/120 /160GB 8th Gen 	<ul style="list-style-type: none"> • iPod Touch 1st Gen • iPod Touch 2nd Gen • iPod Touch 3rd Gen • iPod Touch 4th Gen 	<ul style="list-style-type: none"> • iPod Nano 3rd Gen • iPod Nano 4th Gen • iPod Nano 5th Gen 	<ul style="list-style-type: none"> • iPhone • iPhone 3G • iPhone 3GS • iPhone 4 • iPhone 4S 	
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Certificates	  								
External connectors	<ul style="list-style-type: none"> - Mini-USB for charging the integrated re-chargeable battery - 3,5mm audio jack for external stereo head phones 								
Audio	Stereo Sound								
Light source	LED-Class 1								
Power supply	<ul style="list-style-type: none"> - Built-in rechargeable lithium-ion battery - Charging via USB; 5 V / 450 mA - Battery life: up to 6h via Apple and AV-In and up to 2.5h via HDMI - Charging time 2.5 hours 								
Weight	<ul style="list-style-type: none"> - Battery-Box: 60 g, HDMI-Adapter 30 g - Weight on your nose approx. 75 g - Video glasses approx. 120 g - Delivery package approx. 850 g 								
Ambient conditions	<ul style="list-style-type: none"> - Operation at 5 °C to 35 °C - Storage and transport at -20 °C to 45 °C - Humidity 10–80%, non-condensing 								
Delivery package	<ul style="list-style-type: none"> - Cinemizer OLED incl. re-chargeable battery - Cinemizer HDMI Adapter - Nose pad plus 2 nose pad adapter - USB-Cable - AV-video-cable (3,5mm 4pin to 3 x Cinch) - Quick Guide and safety handling - Headphones - Travel case - HDMI to Mini-HDMI Adapter-Cable 								

Dimensions	Glasses: high: 36mm, width: 160mm, depth: 190mm (open), 65mm (closed) Retail package: 230mm x 175mm x 80mm (WxHxD)
EAN Code	370106740006
Countries	Europe incl. Swiss, Russian, USA, Canada, Mexico, Brazil, UAE, Turkey, China, South Korea, Japan, India, Australia, Singapore

1) Supported 3D Formats

Connection	Video source	Resolution	Video mode	3D format			
				Side-by-side	Top/bottom	Line interleave	HDMI® 1.4
External AV In	3.5 mm	720 x 576i	PAL composite	✓	-	-	-
		720 x 480i	NTSC composite	✓	-	-	-
iPod/iPhone adapter	iPhone (1G)	720 x 576i	Component interlaced 576i / 480i	✓	-	-	-
	iPod touch 1G			✓	-	-	-
	iPod 5th gen			✓	-	-	-
iPod/iPhone adapter	iPhone 3G/3Gs	720 x 576p	Component progressive 576p / 480p	✓	✓	-	-
	iPhone 4			✓	✓	-	-
	iPod touch 2G/3G			✓	✓	-	-
	iPod nano 3G - 5G			✓	✓	-	-
HDMI® adapter	HDMI® playback device	480p/576p	SD	✓	✓	-	-
		1280 x 720p 50/60Hz	HD ready 720p	✓	✓	-	-
		1920 x 1080i 50/60Hz	HD 1080i interlaced	✓	-	-	-
		1920 x 1080p 50/60Hz	Full HD 1080p	-	✓	✓	-
		1920 x 1080p 24Hz	Full HD 1080p24 (cinema)	-	-	-	-
		1920 x 1440p 60Hz	HDMI® 1.4 720p frame	-	-	-	✓
1920 x 2160 24Hz	HDMI® 1.4 1080p frame	-	-	-	✓		

Table 1 - 3D formats supported by the *cinemizer*^{OLED} multimedia video glasses (recommended 3D formats ✓)

iPhone and iPod are trademarks of Apple Inc. registered in the U.S. and other countries.

"Made for iPod," and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

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