Model Name	Joybee GP3 Mini Projector

Unique selling point

* 300AL LED, 85% NTSC
* Wireless Streaming (PC/Mobile)
* 1.16 throw ratio (40"@1M)
* 2W stereo speakers x2 + SRS WOW HD
* Detachable battery
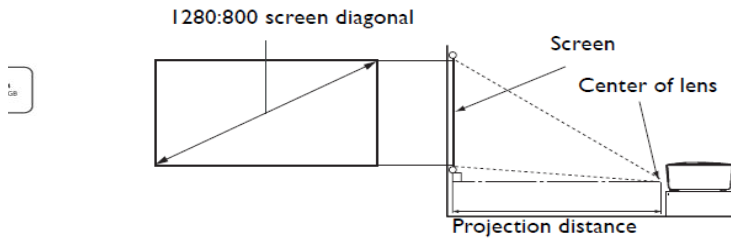* Palm size with rich connectivity

Trade Mark

Made for
iPod iPhone | HDMI | SRS WOW HD | HD ready

| iPod touch 4th generation 8GB 32GB 64GB | iPod classic 160GB | iPod nano 5th generation (video camera) 8GB 16GB | iPod touch 3rd generation 32GB 64GB | iPod nano 6th generation 8GB 16GB | iPhone 4S 16GB 32GB 64GB | iPhone 3GS 8GB 16GB 32GB | iPhone 4 16GB 32G |

Projection System	DLP	
Native Resolution	WXGA(1280 x 800)	
Brightness	300AL	
Contrast Ratio	10000 : 1*	
Display Color	1.07 Billion Colors	
Lens	F=1.928 , f=26.95mm	
Aspect Ratio	Native 16:10 (5 aspect ratio selectable)	
Throw Ratio	1.16 (40" @ 1m)	
Image Size (Diagonal)	20"-160"	
Zoom Ratio	Fixed	
Lamp Type	OSRAM Q9	
Lamp(Normal/Economic)*	20,000/30,000 hours	
Keystone Adjustment	1D, Vertical +/- 40 degrees	
Projection Offset	100%±5%	
Resolution Support	VGA to WSXGA+(1600X1050)	
Horizontal Frequency	31~99KHz	
Vertical Scan Rate	23~120Hz	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
Interface	Computer in (D-sub 15pin)	x 1 (via CEA 30 pin cable)
	Composite Video in (RCA)	x 1 (via CEA 30 pin cable)
	Component Video in	N/A (share with D-Sub)
	HDMI (v1.3)	x 1 (mini type)
	Audio L/R in (RCA)	x 1 (via CEA 30 pin cable)
	Audio in	x 1 (mini jack)
	Audio out (Mini Jack)	x 1
	iPod/iPhone Universal Dock	x 1 (w/ dock cover)
	Speaker	2W Stereo x 2 (w/ SRS WOW HD)
	USB (Type A)	x 1 (USB Drive/HDD/Wi-Fi dongle)
	USB (Type Mini B)	x 1(USB Display/File transfer)
	Card Reader	x 1 (SD, SDHC up to 32GB)
	Internal memory	2GB (900MB for user usage)
Dimensions (W x H x D)	140.3 x 52.5 x 129.8 mm (without battery) 140.3 x 93.8 x 129.8 mm (with battery)	
Weight	0.56kg (1.23lbs) (without battery) 1.05kg (2.31lbs) (with battery)	
Power	Power Supply	AC 100 to 240 V, 50/60 Hz
	Power Consumption	45W/30W (Normal/eco), Standby<0.5W
Audible Noise	33/28 dBA (Normal/Eco)	
On-Screen Display Languages	Arabic / Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hungarian/ Hindi / Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai / Traditional Chinese (28 Languages)	
Picture Modes	Bright/Standard/Cinema/Game/User	
Accessories	**Standard**	**Optional**
	Remote Control w/ Battery	Battery P/N : 5JJ3C01.001
	Carry Bag	(1) 2.5 hrs battery life @ 150AL (1hr @ 300AL)
	Adapter (by region)	(2) Battery life time : 300 cycles charging
	USB Cable	(3) Charging time : 3.5 hrs in empty condition
	Power code	
	User Manual CD (24L)	
	Quick Start Guide	
	Warranty Card (by region)	
	Mini HDMI adaptor	
	CEA 30 Pin Cable	
	Wi-Fi dongle	

Multimedia Support Format	**Video**	AVI (H.263, Xvid, MJPEG), MOV (H.263, Xvid, MJPEG), MP4 (H.263, Xvid), 3gp/3g2 (H.263, Xvid),
	Music	FLV (Sorenson Spark) (Please visit BenQ.com to know more details about the latest supported formats.) MP3, MP2, APE, FLAC, OGG, WAV , M4A
	Photo	JPG (.jpg/.jpeg) , BMP (.bmp) , PNG (.png)
	Subtitle	MKV build-in, SRT (.srt)
	Document	Adobe PDF 1.0~1.4 (pdf), MS powePoint 97~2010 (ppt, pptx), MS Excel 95～2010 (xls, xlsx) MS Word 95~2010 (doc, docx), Text (txt)

USB Display	**System Requirements**	CPU	Intel/AMD Dual Core 2 GHz or higher (ATOM not supported)
		Graphic card	nVIDIA or ATI graphic card with 64MB VRAM or above
		OS	Windows XP Professional SP2, Vista SP2, Windows 7 SP1, windows8 (32 and 64-bit)
		A/V sync	Support both of image and audio streaming
Wireless Display for Windows (GP3 EZ QPresenter)	**System Requirements**	CPU	Dual Core 1.8 GHz or better (excluding atom processor)
		Graphic card	nVIDIA or ATI graphic card with 64MB VRAM or above
		OS	Windows XP SP2/SP3 (32 and 64-bit) / Vista (32 and 64-bit) / Windows 7 (32 and 64-bit) / Windows 8 (32 and 64-bit)
		Wi-Fi	802.11n
		A/V sync	Support both of image and audio streaming
Wireless Display for MAC (GP3 EZ QPresenter)	**System Requirements**	CPU	Intel Dual Core 1.4 GHz or better (PowerPC not supported)
		Graphic card	nVIDIA or ATI graphic card with 64MB VRAM or above
		OS	Mac OS X 10.5 and above
		Recommended Models	MacBook after 2009-01-21 All series of MacBook Pro MacBook Air after 2010-06-08
		Wi-Fi	802.11n
		A/V sync	Support both of image and audio streaming

*10000:1 is under the condition that background illumination <=0.02 lux

*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

Distance Chart

1280:800 screen diagonal

Screen

Center of lens

Projection distance

1280:800 screen diagonal			Recommended projection distance from screen in mm
Feet	Inches	mm	Average
2.00	24	610	621
3.33	40	1016	1034
4.67	56	1422	1448
6.00	72	1829	1862
6.66	80	2032	2069

☞ **All measurements are approximate and may vary from the actual sizes. BenQ recommends that if you intend to permanently install the projector, you should physically test the projection size and distance using the actual projector in situ before you permanently install it, so as to make allowance for this projector's optical characteristics. This will help you determine the exact mounting position so that it best suits your installation location.**

Dimension

129.8 mm

140.3 mm

52.5 mm