

# Fall 2003

## Projector Product Reference Guide



	Professional Series				Home Theater
Model Name	<b>DX650</b>	<b>PB8120</b>	<b>PB8220</b>	<b>PB8230</b>	<b>PE8700</b>
Display Technology	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments
Panel	0.7" DMD x 1	0.55" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1	0.8" 12" DDR DMD™ x 1	0.7" 12" HD2 DMD™ x 1 (Mustang)
Native Resolution	XGA (1024 x 768)	SVGA (800 x 600)	XGA (1024 x 768)	XGA (1024 x 768)	1280 x 720
Resolution Supported	640x480 to 1280x1024	640 x 350 to 1280 x 1024	640 x 350 to 1280 x 1024	640 x 350 to 1280 x 1024	640 x 400 to 1024 x 1768 (PC)
Brightness	1600 ANSI Lumens	1800 ANSI Lumens	2200 ANSI Lumens	2500 ANSI Lumens	1000 ANSI Lumens
Contrast Ratio	600:1	2000:1	2000:1	2000:1	2000:1
Image Size	22" - 300"	17" - 235"	22" - 300"	22" - 300"	31" - 250"
Projection Distance	2.6' - 32.8'	2.6' - 32.8'	2.6' - 32.8'	2.6' - 32.8'	3.3' - 32.8'
Throw Ratio	60"@ 6.6 ft.	48"@ 6.6 ft.	60"@ 6.6 ft.	60"@ 6.6 ft.	50"@ 6.6 ft.
Zoom Ratio	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2
Optical Zoom	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)
Digital Zoom / Digital Keystone	10x / Yes	10x / Yes	10x / Yes	10x / Yes	10x / Yes
Lamp	210 Watt NSH - 2000 hrs.	250 Watt UHP - 2000 hrs.	250 Watt UHP - 2000 hrs.	250 Watt UHP - 2000 hrs.	210 Watt VIP - 2000 hrs.
Video Compatibility	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM
Aspect Ratio	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable
HDTV Compatible	Yes	Yes	Yes	Yes	Yes
PIP (Picture in Picture)	Yes	Yes	Yes	Yes	Yes
Speaker	2-watt Speaker x 1	3-watt Speaker x 1	3-watt Speaker x 1	3-watt Speaker x 1	No
Full-function Remote Control	Yes (with Wireless Mouse and Laser Pointer)	Yes (with Wireless Mouse and Laser Pointer)	Yes (with Wireless Mouse and Laser Pointer)	Yes (with Wireless Mouse and Laser Pointer)	Yes
Audible Noise	<34 dB	<34 dB	<34 dB	<34 dB	<30 dB
Carrying Case	Yes	Yes	Yes	Yes	N/A
Projection Position	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling
Dimensions (W x H x D)	12.12" x 3.54" x 9.45"	12.12" x 3.74" x 9.45"	12.12" x 3.74" x 9.45"	12.12" x 3.74" x 9.45"	15.75" x 4.72" x 11.10"
Box Dimension (W x H x D)	17.72"x17.72"x11.02"	17.72"x17.72"x11.02"	17.72"x17.72"x11.02"	17.72"x17.72"x11.02"	21.14"x10.24"x20.47"
Net Weight	6.8 lbs	6.9 lbs	6.9 lbs	6.9 lbs	17 lbs
Gross Weight	16.1 lbs	16.1 lbs	16.1 lbs	16.1 lbs	21 lbs
Warranty <sup>1</sup>	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange
MSRP	\$1,895	\$2,095	\$3,795	\$4,095	\$7,995

<sup>1</sup> Standard Warranty: 3 year limited warranty for parts and labor and 1st year FREE Xpress Xchange Program

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# Fall 2003

## Projector Product Reference Guide



	Micro Series			PalmPro Series			
Model Name	SL705X	PB2120	PB2220	PB6100	PB7100	PB7200	PB7220
Display Technology	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments
Panel	0.7" DMD™ x 1	0.55" 12° DDR DMD™ x 1	0.7" 12° DDR DMD™ x 1	0.55" 12° DDR DMD™ x 1	0.55" 12° DDR DMD™ x 1	0.7" 12° DDR DMD™ x 1	0.7" 12° DDR DMD™ x 1
Native Resolution	XGA (1024 x 768)	SVGA (800 x 600)	XGA (1024 x 768)	SVGA (800 x 600)	SVGA (800 x 600)	XGA (1024 x 768)	XGA (1024 x 768)
Resolution Supported	640x480 to 1280x1024	640 x 350 to 1280 x 1024	640 x 350 to 1280 x 1024	640 x 350 to 1280 x 1024	640 x 350 to 1280 x 1024	640 x 350 to 1280 x 1024	640 x 350 to 1280 x 1024
Brightness	1100 ANSI Lumens	1200 ANSI Lumens	1700 ANSI Lumens	1500 ANSI Lumens	1800 ANSI Lumens	2200 ANSI Lumens	2500 ANSI Lumens
Contrast Ratio	600:1	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1
Image Size	22" - 300"	18" - 236"	22" - 300"	31" - 250"	17" - 235"	22" - 300"	22" - 300"
Projection Distance	2.6' - 32.8'	2.6' - 32.8'	2.6' - 32.8'	2.6' - 32.8'	2.6' - 32.8'	2.6' - 32.8'	2.6' - 32.8'
Throw Ratio	60"@ 6.6 ft.	48"@ 6.6 ft.	60"@ 6.6 ft.	50"@ 6.6 ft.	48"@ 6.6 ft.	60"@ 6.6 ft.	60"@ 6.6 ft.
Zoom Ratio	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2
Optical Zoom	Manual Zoom, F=2.8 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)	Manual Zoom, F=2.6 to 3.1 (Wide-Angle Lens)
Digital Zoom / Digital Keystone	10x / Yes	10x / Yes	10x / Yes	10x / Yes	10x / Yes	10x / Yes	10x / Yes
Lamp	120 Watt VIP - 2000 hrs.	150 Watt VIP - 2000 hrs.	150 Watt VIP - 2000 hrs.	200 Watt NSH - 3000 hrs.*	250 Watt UHP - 2000 hrs.	250 Watt UHP - 2000 hrs.	250 Watt UHP - 2000 hrs.
Video Compatibility	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM
Aspect Ratio	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable
HDTV Compatible	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PIP (Picture in Picture)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speaker	1-watt Speaker x 1	0.5-watt Speaker x 1	0.5-watt Speaker x 1	N/A	2-watt Speaker x 1	2-watt Speaker x 1	2-watt Speaker x 1
Full-function Remote Control	Yes	Yes	Yes	Yes	Yes (with Wireless Mouse and Laser Pointer)	Yes (with Wireless Mouse and Laser Pointer)	Yes (with Wireless Mouse and Laser Pointer)
Audible Noise	<34dB	<34dB	<34dB	<34dB	<34dB	<34dB	<34dB
Carrying Case	Yes	Yes	Yes	Optional	Yes	Yes	Yes
Projection Position	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling
Dimensions (W x H x D)	8.66" x 2.05" x 6.89"	8.66" x 2.05" x 6.89"	8.66" x 2.05" x 6.89"	10.16" x 3.15" x 8.31"	10.16" x 3.15" x 8.31"	10.16" x 3.15" x 8.31"	10.16" x 3.15" x 8.31"
Box Dimension (W x H x D)	13.39"x14.17"x9.06"	13.39"x14.57"x9.53"	13.39"x14.57"x9.53"	17.80" x 11.50" x 14.57"	17.80" x 11.50" x 14.57"	17.80" x 11.50" x 14.57"	17.80" x 11.50" x 14.57"
Net Weight	3.8 lbs	3.8 lbs	3.8 lbs	5.6 lbs	5.6 lbs	5.6 lbs	5.6 lbs
Gross Weight	11 lbs	11.0 lbs	11.0 lbs	13.2 lbs	13.2 lbs	13.2 lbs	13.2 lbs
Warranty <sup>1</sup>	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange	3 years with 1st year FREE Xpress Xchange
MSRP	\$1,995	\$1,395	\$2,995	\$999	\$1,695	\$3,695	\$3,995

<sup>1</sup> Standard Warranty: 3 year limited warranty for parts and labor and 1st year FREE Xpress Xchange Program  
\*3000 hrs of lamp life for the PB6100 is under Economy Mode.

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