Panasonic ideas for life

PT-**LB60** Micro Portable XGA LCD Projector



The World's Fastest **Wireless Transmission Projectors**

Easy wireless projection (PT-LB60NTU)

- World's fastest data transfer*1
- Wireless PC motion/sound streaming*²
- · Abundant wireless functions, including secondary display transmission and 16-window index style

Daylight View 🤈

· Simple, user-friendly settings

Daylight View 2 technology

- Looks max. 50% brighter*³
- Vivid colors in a bright room
- Auto operation with ambient light sensor (ALS)

High power and portability

- Bright 3,200 lumens
- Ultra-lightweight: 5.5 lbs/5.7 lbs (2.5 kg/2.6 kg)*4
- Slim and compact design: 2-15/16" (75-mm) thickness*5

Quick operation

- 2-second speed start
- Auto search
- · Real-time keystone correction
- Operation assistance
- Direct power off
- As of February 7, 2006, according to our own evaluation
- As of February 7, 2006, according to our own evaluation of wireless transmission fr projector. Wireless projection function is featured on the PT-LB60NTU only. Content and DVDs set with DRM (Digital Rights Management) cannot be transmitted. Comparison with Daylight View 2 turned On and Off, using an 80-inch screen and or ing room lighting of 400 lux. (Projector: PT-LB60NTU, screen gain: 2.6) 5.5 lbs/2.5 kg for the PT-LB60U; 5.7 lbs/2.6 kg for the PT-LB60NTU. *3 and ordinary meet
- *5 Legs and protrudings not included.
- PT-LB20NTU
- Transmission will be slower than transmission with a computer that has the software installed.
- Also, certain functions may not be available. With Wirreless Manager ME 3.0, you can use the projector screen as a secondary monitor for the PC. In this setup, Microsofte PowerPoint® must be set to "Show Presenter View." *8



There are no cables to connect, so projector setup is quick and easy, and you have full layout flexibility. Wireless Manager ME 3.0 software (provided) increases transmission speed by five times compared to our previous model*6. You get fast, smooth, stress-free transmission even with large video files*2. You can copy Wireless Manager to a memory card and take it with you on a trip. This lets you enjoy wireless transmission even at presentation sites where the computer doesn't have the software*7.

Wireless Prompter (Secondary Display) Function

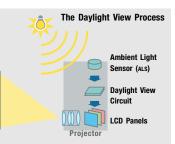
This allows transmission of content other than what's displayed on your PC. For example, you can display text documents on your PC screen while projecting slide from your Microsoft® PowerPoint® presentation*8. You get a host of other convenient wireless transmission functions too, such as area-specified transmission and a multi-live mode for simultaneous display of up to 16 PCs.



Daylight View 2

1980

A built-in sensor measures the ambient light, and the halftone colors and brightness level are adjusted accordingly in real time. Viewing brightness is increased up to 150%*3.





Specifications

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 Built-in speakers Built-in speakers Parles CD parel CD parel			Installation	0		
LCD panel 43 aspect ratio, micro lens array (oral) 1.0 W (monaural) output power name name Display method Transparent LCD panel (x. 3, R/G.B) Terminals (oral) 1.0 W (monaural) output power name nam na	Power consumption					
Parel O.S. (2):3.2 mm) (dagonal provint provint provint nal receptor Dirbusy method Active matrix. R.B. G.B. 10.7 Vpc. 7.5 ohms. Stringer 1.0		mode with fan stopped)	Built-in speakers	1-9/16″ x 1-3/16″ (4 x 3 cm) x 1	Operation range*2	Approx. 7 m (23 feet) when operat-
Display method Prive Transparent LOD pairel (x 3, R/G/B) Terminals Dimensions (W x H x D) Drive method Picels 786,432 (1,024 x 768) x 3, total of 2,395,296 pixels PC 1 M RB signal D-sub HD 15-pin x 1 RB signal D-sub HD 15-pin x 1 RB signal Dimensions (W x H x D) Lens Manual zoom (11-1:12), manual tocus, F 1.7-18, 1 24.0-28.8 mm Colors File O-28.8 mm Fightness PP e 1 MIP Phy Ph signal Y1-0 Vp-p. (including poteries), Projection (16,777,216 colors) PP e 3 MP Phy Ph signal Y1-0 Vp-p. (including poteries), Projection (16,777,216 colors) PP e 3 MP Phy Ph signal Y1-0 Vp-p. (including poteries), Projection (16,777,216 colors) Pe a 1 MP Phy Ph signal Y1-0 Vp-p. (including poteries), Projection (16,777,216 colors) Pe a 1 MP Phy Ph signal Y1-0 Vp-p. (including poteries), Projection (16,777,216 colors) Pe a 1 MP Phy Ph signal Y1-0 Vp-p. (including poteries), Projection (16,777,216 colors) RB signal P, 6, 8: 0.7 Vp-p.7 5 ohms, Projection (17,101,116,116,116,116,116,116,116,116,116	LCD panel	4:3 aspect ratio, micro lens array		(oval), 1.0 W (monaural) output		ed from directly in front of the sig-
Drive method Pixels Active matrix (10,2,359,256 pixels) PC 1 IN (2,1)(2,4,7,68), 3, (10,2)(3,259,256 pixels) PC 1 IN (10,2)(2,50), 10,2359,256 pixels) PC 1 IN (10,2)(2,50), 10,2359,256 pixels) Set in (10,2)(2,2)(2,2)(2,2)(2,2)(2,2)(2,2)(2,2)(Panel size	0.8" (20.32 mm) diagonal		power		nal receptor
Drive method Pixels Active matrix PC 1 IN RBB signal Desch D1 5-pin x 1 RBB signal South D1 5-pin x 1 RBB signal	Display method	Transparent LCD panel (x 3, R/G/B)	Terminals	•	Dimensions (W x H	x D)
Pixels 786.432 (1,024 x 768) x 3, total of 2,585,296 poies RGB signal R, G, B: 0.7 Vp. p. 75 ohms, Sync on green: 1.0 Vp. p. 75 ohms, Sync on green: 1.0 Vp. p. 75 ohms, Sync on green: 1.0 Vp. p. 75 ohms, Sync polarity compatible) (2-11/6" x 4.27/82" x 13/16") Pixel configuration Manual zoon (11-11.2), manual focus, F 1,7-1.8, 1 24.0-28.8 mm 200 W HMM Margen PPeR signal Y 1.0 Vpp (including sync signal), 76 ohms; Pp. Pt: 0.7 Vp. p. 75 ohms, Synch Notal Key Synch Direct sequence spread spectrum (05-53) system Cohors Full color (16,777,216 colors) PC 2 IN/PC 1 OUT D-sub HD 15-pin x 1 (input/output selectable using on-screen menu) IEEE802.110 Direct sequence spread spectrum (05-53) system Cohors Full color (16,777,216 colors) PC 2 IN/PC 1 OUT D-sub HD 15-pin x 1 (input/output selectable using on-screen menu) IEEE802.110 Direct sequence spread spectrum (05-53) system Scaming frequency Writelis 15-91 KHz; Worles: 15-95 KHz; tv 60 Hz 756 (16250): th 15.55 KHz; tv 60 Hz 756 (15250): th 15.55 KHz; tv 60 Hz 756 (15250): th 15.55 KHz; tv 60 Hz 756 (15250): th 15.55 KHz; tv 60 Hz 750 (1250): th 15.55 KHz; tv 60 Hz 750 (1150): th 2.27 (27 x 2.15 (ft x x 4.5) 750 (1150): th 2.25 (ft x 1.55 KHz; tv 70 Hz 750 (1150): th 2.25 (ft x 1.55 (ht x 2.55 Mbp; 750 (1	Drive method	Active matrix	PC 1 IN	D-sub HD 15-pin x 1		52 x 123 x 21 mm
Pixel configuration Stripe or green: 10 Vp-p, 75 ohms Vielpht 74 g (26 ozs.) (including batteries). Lens Manual zoom (11-1-12.), manual focus, F. 17-18, f 24 d -0-28.8 mm PV Ps signal Yi. 10 Vp-p, fooluting sync signal). Standard IEEE802.11b /g Lamp 200 W UHMTM lamp PC 2 IN/PC 1 OUT Psub residual PSub residual The sequence spread spectrum (srs.8) system IEEE802.11b /g Brightness 3,200 lumens PC 2 IN/PC 1 OUT Psub residual Psub residual IEEE802.11b /g Orthogoral frequency RB Morizontal: 15-91 KHz, Vertical: 50-85 Hz YPePs signal Yi. 10 Vp-p, 75 ohms Transmission system IEEE802.11b /g Orthogoral frequency division multi- ges call spectrum (srs.8) system YPePs 450 (6250): fm 15.5 KHz; fv 60 Hz YPePs signal Yi. 10 Vp-p, 75 ohms Transmission system YPePs 450 (6250): fm 15.5 KHz; fv 60 Hz YPePs signal Yi. 10 Vp-p, 75 ohms IEEE802.11b CCV (115.5 Mbps), DDPSK (2 MDS), DPSK (2 Mbps), 16-0AM YPePs 450 (6250): fm 13.5 KHz; fv 60 Hz YPeP signal Yi. 10 Vp-p, 75 ohms IEEE802.11b CCV (115.5 Mbps), 16-0AM YPePs 1080 (1125): fr 28.125 KHz; fv 60 Hz YPeP signal Yi. 10 Vp-p, (10.248 Vp-p, 75 ohms IEEE802.11b CCV (115.5 Mbps), 20 PDS YPePs 10800 (1125): fr 28.125 KHz;						
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LensManual zoom (1:1-1:12), manual four, F1, 71-78, 12, 74, 0-28.8 mm (220 W UHM/W lamp 220 W UHM/W lamp 220 W UHM/W lamp 220 W UHM/W lamp 220 W UHM/W lamp 3, 200 luments 90% 2001 unentsPC 2 IN/PC 1 0UT 90% PC 2 IN/PC 1 0UTDimension (7, 0, 72, 72, 72, 72, 72, 72, 72, 72, 72, 72	Pivel configuration					
Image: Construction Feature Section VPaPs signal Years Signal Notice Signal <td>•</td> <td></td> <th></th> <td></td> <th></th> <td></td>	•					
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Brightness 3,200 lumens 3,200 lumens Belgetable using on-screen menu) IEEE002.11g Orthoginal frequency (vision multi- plex (orow) system Contrast 400:11* (full on/full off) RGB signal R, G, B: 0.7 Vp-p, 75 ohms, HD/SYNG, VD: TTL (positive/negative polarity compatible) Transmission system IEEE02.11g Orthoginal frequency (Vision multi- plex (orow) system RGB Horizontal: 15–91 kHz, Vertical: 50–95 Hz YPaPs signal Y: 1.0 Vp-p, 75 ohms, 576i (6250): fn 15.63 kHz; fv 60 Hz YPaPs signal Y: 1.0 Vp-p, 75 ohms, 576i (6250): fn 31.5 kHz; fv 60 Hz YDED IN RCA (n n x 1, 10 Vp-p, 75 ohms, 576i (6250): fn 31.5 kHz; fv 60 Hz S-VIDEO IN RCA (n n x 1, 0.5 Vms, 720p (750p): fn 31.5 kHz; fv 60 Hz BPSK (9/6 Mbps) Transmission speed S-VIdeo/Video NTSC, NTSC4.43, PAL-M; PAL60: fn 15.75 kHz; fv 60 Hz PC 1 AUDIO IN M3 (L, R) x 1, 0.5 Vms, 4000 0 UT M3 (L, R) x 1, 0.5 Vms, 4000 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT PO eration range ^{CM} M3 (L, R) x 1, 0.5 Vms, 400010 0 UT					IEEE0U2.11D	
Uniformity Contrast90%RGB signal 400:1*1 (full on/full off)RGB signal on green: 1.0 Vp-p, 75 ohms, Sync on green: 1.0 Vp-p, 75 ohms, Sync opartive compatible)plast vertical: so-85 klz (full cast): statistical: so-85 klz (for VDED IN VPPR signalRGB signal opartive compatible)RGB signal opartive compatible)plast vertical: so-85 klz (for VDED IN VPP C: 0.286 Vp-p, 75 ohms S-VIDEO IN VIDEO IN VIDEO IN VT: 1.0 Vp-p, for 0.286 Vp-p, 75 ohms S-VIDEO IN VIDEO			PC 2 IN/PC I UUI			
Contrast400:1*1 (full on/full off)on green: 1.0 Vp-p. 75 ohmsTransmission systemTransmission systemRGBHorizontal: 15–91 kHz, Vertical: 50–85 HzVPePs signalVi LO Vp- (including sync signal), 576i (6250): fn 15.63 kHz; fv 50 HzVPePs signalVi LO Vp- (including sync signal), 576i (6250): fn 15.63 kHz; fv 50 HzVPePs signalVi LO Vp- (including sync signal), 576i (6250): fn 15.63 kHz; fv 50 HzVDEO INRCA pin x 1, 1.0 Vp-p, 75 ohms 5-VIDEO INRCA pin x 1, 1.0 Vp-p, 75 ohms 5-VIDEO INIEEE802.11bI Mbps, 052K (1 Mbps), (36/24 Mbps), 05-SK (18/12 Mbps), 8-VIDEO INS-Video/VideoK15, K15, K15, K16, V5 Hz, 1080i (11250): fn 23.75 kHz; fv 50 HzPC 1 AUDIO INRCA (µ, N x 1, 0.5 Vrms (for VIDEOS-VIDEO)Transmission speedS-Video/VideoNTSC, NTSC4, 43, PAL-M, PAL60: fn 50 HzPC 2 AUDIO INM3 (L, R) x 1, 0.5 Vrms (variable)Deration range*2 (AUDIO OUTApprox. 30 m (96 S) Fo HzProjection size37-35'S' (1.1 m-10.8 m) (diagonallyVertical: ±30°Operating environment TemperatureNeight 9-40°C (32°-104°F)S-108: (2.5 kg) 20%-80% (no condensation)S-108: (2.5 kg) 20%-80% (no condensation)On-screen menu17 languages: English, French, German, Spanish, Italian, Korean, Russian, Chinese, Japanese, Swedish, Norwegian, Danish, Portuguese, Polish, Hungarian, Czech, and ThalWeightCableCeinten material Umidity0-40°C (22°-104°F) 20%-80% (no condensation)S-108: (2.5 kg) 20%-80% (no condensation)S-108: (2.5 kg) 20%-80% (no condensation)			D0D		IEEE802.11g	
Scanning frequency RGB Horizontal: 15–91 kHz, Vertical: 50–85 Hz C/// C/// C/// C/// C/// C/// C/// C//			RGB signal		.	
RGB Horizontal: 15–91 kHz, Vertical: 50–85 Hz polarity compatible) polarity compatible) Mbps), DBPSK (1 Mbps), G4-QAM (54/48 Mbps), DBPSK (1 M		400:1*1 (full on/full off)				
Vertical: 50-85 HzYPaPa signalY: 1.0 Vp-p. (including sync signal), 750 kms; Pa, Pa: 0.7 Vp-p. 75 ohms 576 (625); fri 15.63 kHz; fv 60 Hz 400 (6250): fri 31.5 kHz; fv 60 Hz 720 (750); fri 31.5 kHz; fv 60 Hz 720 (750); fri 31.5 kHz; fv 60 Hz 720 (750); fri 31.25 kHz; fv 60 Hz 720 (750); fri 33.75 kHz; fv 60 HzVIDEO IN S-VIDEO IN AUDIO IN M CA (µ, N x 1, 0.7, Pc, 75 ohms NCA (µ, N x 1, 0.7, Pc, 75 ohms NCA (µ, N x 1, 0.7, Pc, 75 ohms S-VIDEO IN M (101 VM 4-pin x 1, Transmission speedIEEE 802.11g (36/24 Mbps), 0PSK (18/12 Mbps), (36/24 Mbps), 0PSK (18/12 Mbps), 96 Mbps, 0PSK (96 Mbps)S-Video/VideoNTSC, NTSC4, 43, PAL-M; Fri 5.63 kHz; fv 50 HzPC 1 AUDIO IN M 3(µ, R) x 1, 0.5 Vrms (Variable)Transmission speed IEEE 802.11gIEEE 802.11g (36/24 Mbps), 0PSK (18/12 Mbps), 24 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 12 Mbps, 24 Mbps, 12 Mbps, 9 Mbps, 6 MbpsS-Video/VideoNTSC, NTSC4, 43, PAL-M; PAL60: fv 50 HzPC 1 AUDIO UT M 3(µ, R) x 1, 0.5 Vrms (variable)Operation range*2 2,412 MHz-2,462 MHz 2,412 MHz-2,462 MHz 4,241 MHz-2,462 MHz 4,241 MHz-2,462 MHzProjection size diagonally33-300 inches/838-7,620 mm diagonallySERIAL Mini DIN 8-pin x 1 (RS-232C) 2 m (67)Moulde material (ABS/PC) Dimensions (W x H x D)Noulde material (ABS/PC) 10 mensions (W x H x D)Semiter to remote control • Nourceis remote controlProjection size fv 50 Hz33-300 inches/838-7,620 mm diagonallyPT-LB60NTU PT-LB60NTU 5.7 lbs. (2.6 kg)S.7 lbs. (2.6 kg) PT-LB60NTU 5.7 lbs. (2.5 kg)Poteration range ** PC-40°C (32°-104°F) HumidityPoteration range ** 20%-80% (no condensation)Seplecement lam					IEEE802.11b	
YPaPa 480i (425): fr 15.75 kHz; fv 60 Hz 4800 (4250): fr 15.63 kHz; fv 60 Hz 720p (750p): fr 31.5 kHz; fv 60 Hz 720p (750p): fr 31.5 kHz; fv 60 Hz 720p (750p): fr 31.5 kHz; fv 60 Hz 720p (750p): fr 33.75 kHz; fv 60 Hz 1080i (1125): fr 33.75 kHz; fv 60 Hz 1080i (1125): fr 33.75 kHz; fv 60 Hz 1080i (1125): fr 28.125 kHz; fv 60 Hz 1080i (1125): fr 28.125 kHz; fv 50Hz VIDE0 IN PC 1 AUDIO IN AUDIO IN AUDIO IN AUDIO IN AUDIO IN AUDIO IN AUDIO IN AUDIO IN AUDIO OUT M3 (L, R) x 1, 0.5 Vrms fv 50Hz Transmission speed IEEE 802.11b Transmission speed IEE 802.11b <thtransmisspeed IEE 802.11b Transmission speed IEE</thtransmisspeed 	RGB					
576i (625i): fri 15.63 kHz; fv 50 Hz 480p (525p): fri 31.5 kHz; fv 60 Hz 576p (625p): fri 31.5 kHz; fv 60 Hz 720p (750p): fri 45 kHz; fv 60 Hz 1080i (1125i): fri 33.75 kHz; fv 60 Hz VIDEO IN S-VIDEO IN 720p (750p): fri 45 kHz; fv 60 Hz 1080i (1125i): fri 33.75 kHz; fv 60 Hz NUED IN S-VIDEO IN 720p (750p): fri 45 kHz; fv 60 Hz 1080i (1125i): fri 33.75 kHz; fv 50 Hz AUDIO IN PC 1 AUDIO IN 72 AUDIO IN 72 AUDIO IN 72 AUDIO IN 72 AUDIO IN 72 AUDIO IN 72 AUDIO IN 75 kHz; fv 60 Hz PC 1 AUDIO IN 72 AUDIO IN 75 kHz; fv 60 Hz PC 1 AUDIO IN 72 AUDIO IN 75 kHz; fv 60 Hz PC 1 AUDIO IN 72 AUDIO IN 72 AUDIO IN 72 AUDIO IN 72 AUDIO OUT 72 AUDIO IN 72 AUDIO OUT 72 AUDIO OUT 72 AUDIO IN 72 AUDIO OUT 72 AUDIO IN 72 AUDIO IN 72 AUDIO IN 72 AUDIO OUT 72 AUDIO IN 72 AUDIO OUT 72 AUDIO IN 72 AUDIO OUT 72 AUDIO IN 72 AUDIO		Vertical: 50–85 Hz	YPBPR signal		IEEE802.11g	
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576p (625p): fx 31.25 kHz; fv 50 Hz 720p (750p): fx 45 kHz; fv 60 Hz 1080i(1125i): fx 32.75 kHz; fv 60 Hz NSC, NTSC4.43, PAL-M, PAL60: fx 15.75 kHz; fv 60 Hz PC 1 AUDI0 IN fv 50 Hz AUDI0 0UT H 15.75 kHz; fv 60 Hz PC 1 AUDI0 IN AUDI0 0UT H 15.75 kHz; fv 60 Hz PC 2 AUDI0 IN AUDI0 0UT M3 (L, R) x 1, 0.5 Vrms AUDI0 0UT M3 (L, R) x 1, 0.5 Vrms (for VIDEO/S-VIDEO) PC 1 AUDI0 IN M3 (L, R) x 1, 0.5 Vrms 9 Mbps, 6 Mbps, 12 Mbps, 1		576i (625i): fH 15.63 kHz; fv 50 Hz	VIDEO IN	RCA pin x 1, 1.0 Vp-p, 75 ohms		BPSK (9/6 Mbps)
720p (750p): fn 45 kHz; fv 60 Hz 1080i (1125): fn 33.75 kHz; fv 60 Hz S-Video/VideoAUDIO IN (1020): fn 28.125 kHz; fv 50 HzAUDIO IN (1020): fn 28.125 kHz; fv 50 HzAUDIO IN (1020): fn 28.125 kHz; fv 50 HzRCA (L, R) x 1, 0.5 Vrms (for VIDEO/S-VIDEO)IEEE 802.11g54 Mbps, 36 Mbps, 24 Mbps, 12 Mbps, 9 Mbps, 6 MbpsS-Video/VideoNTSC, NTSC4.43, PAL-M, PAL60: fv 50 HzPC 1 AUDIO IN M3 (L, R) x 1, 0-2.0 Vrms (variable)M3 (L, R) x 1, 0-2.0 Vrms (variable)Operation range*2 Frequency range 2,412 MHz-2,462 MHz 2,412 MHz-2,462 MHz 1-11 chProjection size33-300 inches/838-7,620 mm diagonallySERIAL fv 50 HzMini DIN 8-pin x 1 (RS-232C) Dimensions (W x H D)Mudded material (ABS/PC) Dimensions (W x H D)Supplied Accessories • Power cord (327 x 75 x 233 mm)Projection size37-355' (1.1 m-10.8 m) (9tical axis shift 6: 1 (fixed)Weight PT-LB60NTU PT-LB60NTU Freuency range5.7 lbs. (2.6 kg) PT-LB60NTU 5.7 lbs. (2.5 kg)Optical axis shift, french, German, Spanish, Italian, Korean, Russian, Chinese, Japanese, Swedish, Norwegian, Danish, Portuguese, Polish, Hungarian, Czech, and ThaiAUDIO NS.7 lbs. (2.6 kg) PT-LB60UOptical accessories COP-ration environment Tompe admets depending on the environment.		480p (525p): fн 31.5 kHz; fv 60 Hz	S-VIDEO IN	Mini DIN 4-pin x 1,	Transmission speed	
1080i (1125i): fH 33.75 kHz; (for VIDEO/S-VIDEO) 24 Mbps, 12 Mbps, 15 Mbps, 12 Mbps, 12 Mbps, 12 Mbps, 15 Mbps, 12 Mbps, 15 Mbps, 1		576p (625p): fH 31.25 kHz; fv 50 Hz		Y: 1.0 Vp-p, C: 0.286 Vp-p, 75 ohms	IEEE 802.11b	11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps
1080i (1125i): fr 33.75 kHz; (for VIDEO/S-VIDEO) 24 Mbps, 12 Mbps, 12 Mbps, 19 Mbps, 10 Mbps, 1		720p (750p): fH 45 kHz; fv 60 Hz	AUDIO IN	RCA (L, R) x 1, 0.5 Vrms	IEEE 802.11g	54 Mbps, 48 Mbps, 36 Mbps,
fv 60 HzPC 1 AUDIO IN 1080i (1125i): ftr 28.125 kHz; fv 50HzPC 1 AUDIO IN PC 2 AUDIO IN AUDIO OUTM3 (L, R) x 1, 0.5 Vrms M3 (L, R) x 1, 0.5 Vrms (variable)Operation range*2 Approx. 30 m (98'5) Frequency rangeS-Video/VideoNTSC, NTSC4.43, PAL-M, PAL60: fv 15.75 kHz; fv 60 Hz PAL, SECAM, PAL-N: ftr 15.63 kHz; fv 50 HzSERIAL Power cord length Cabinet materialMini DIN 8-pin x 1 (RS-232C) 2 m (6'7) Moulded material (ABS/PC)Operation range*2 (AUDIO AUTION)9 Mbps, 6 MbpsProjection size33-300 inches/838-7,620 mm diagonally Throw distance Optical axis shift Keystone correction range Vertical: ±30°SERIAL Dimensions (W x H x D) 12-27/32" x 2-15/16" x 9-5/32" (32' x 75 x 233 mm)9 Mbps, 6 MbpsOn-screen menu17 languages: English, French, German, Spanish, Italian, Korean, Russian, Chinese, Japanese, Swedish, Norwegian, Danish, Portuguese, Polish, Hungarian, Czech, and ThaiPC 1 AUDIO IN PC 2 AUDIO IN M3 (L, R) x 1, 0.5 Vrms M3 (L, R) x 1, 0.5 Vrms (AUDIO OUT 2 m (6'7)9 Mbps, 6 Mbps (AUDIO OUT M3 (L, R) x 1, 0.5 Vrms (AUDIO OUT 2 m (6'7)Projection size33-300 inches/838-7,620 mm diagonally (6:1 (fixed)Dimensions (W x H x D) (23' 7 x 75 x 233 mm)9 Weight (23' 7 x 75 x 233 mm)Prove cord (bit cal: ±30°0erating environment Temperature Humidity12-27/32" x 2-15/16" x 9-5/32" (32' 7 x 75 x 233 mm)9 Weight (23' 7 x 75 x 233 mm)On-screen menu17 languages: English, French, German, Spanish, Italian, Korean, Russian, Chinese, Japanese, Swedish, Norwegian, Danish, Portuguese, Polish, Hungarian, Czech, and ThaiPC 1		1080i (1125i): fн 33.75 kHz;		(for VIDEO/S-VIDEO)	-	24 Mbps, 18 Mbps, 12 Mbps,
1080i (1125i): fH 28.125 kHz; fv 50Hz PC 2 AUDIO IN AUDIO OUT M3 (L, R) x 1, 0.5 Vrms (variable) Operation range** Approx. 30 m (98'5') S-Video/Video NTSC, NTSC4.43, PAL-M, PAL60: fh 15.75 kHz; fv 60 Hz SERIAL Mini DIN 8-pin x 1 (RS-232C) Frequency range 2,412 MHz-2,462 MHz PAL, SECAM, PAL-N: fH 15.63 kHz; fv 50 Hz SERIAL Mini DIN 8-pin x 1 (RS-232C) Power cord Power cord length 2 m (6'7') Power cord Power cord Nucled material (ABS/PC) Statteries for remote control 8 atteries for remote control 8 atteries for remote control VGA cable VGA cable VGA cable Ureless Manager ME 3.0 (CD-ROM)*3 Operation range 97'-35'5' (1.1 m-10.8 m) PT-LB60UT 5.7 lbs. (2.6 kg) Vireless Manager ME 3.0 (CD-ROM)*3 Optical axis shift 6:1 (fixed) Vertical: ±30° Prt-LB60UT 5.7 lbs. (2.6 kg) Vireless Manager ME 3.0 (CD-ROM)*3 Optical axis, chinese, Japanese, Swedish, Norwegian, Danish, Portuguese, Polish, Hungarian, Czech, and Thai 0°-40°C (32°-104°F) ET-LAB30 Replacement lamp unit ET-ABSER Serial adapter (DIN 8-pin/D-sub 9-pin)			PC 1 AUDIO IN	M3 (L. R) x 1. 0.5 Vrms		9 Mbps. 6 Mbps
fv 50Hz AUDIO OUT M3 (L, R) x 1, 0-2.0 Vrms (variable) Frequency range 2,412 MHz-2,462 MHz S-Video/Video NTSC, NTSC4.43, PAL-M, PAL60: fr 15.75 KHz; fv 60 Hz SERIAL Mini DIN 8-pin x 1 (RS-232C) Supplied Accessories PAL, SECAM, PAL-N: fr 15.63 KHz; fv 50 Hz SERIAL Mini DIN 8-pin x 1 (RS-232C) 2 m (6'7') Power cord length diagonally Cabinet material (ABS/PC) Power cord Projection size 33-300 inches/838-7,620 mm diagonally Dimensions (W x H x D) 12-27/32' x 2-15/16' x 9-5/32'' (327 x 75 x 233 mm) • Vorieles; remote control Optical axis shift 6:1 (fixed) Weight 12-27/32' x 2-15/16' x 9-5/32'' (327 x 75 x 233 mm) • Carrying bag On-screen menu 17 languages: English, French, German, Spanish, Italian, Korean, Russian, Chinese, Japanese, Swedish, Norwegian, Danish, Portuguese, Polish, Hungarian, Czech, and Thai Operating environment Temperature 0°-40°C (32°-104°F) 20%-80% (no condensation) ET-AB30 Replacement lamp unit ET-PKB30 *1: In Al mode. 2:0%-80% (no condensation) *1: In Al mode. *1: In Al mode.					Operation range* ²	
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CZECII, and That *2: Operation range differs depending on the environment.					*1: In Al modo	
		Czech, and Thai				ndina on the environment.

NOTES ON USE

- The projector uses a high-voltage mercury lamp that contains high internal pressure. This lamp may break, emitting a large sound, or fail to illuminate, due to impact or extended use. The length of time that it takes for the lamp to break or fail to illuminate varies greatly depending on individual lamp characteristics and usage conditions.

- Usage conditions.
 The brightness of the lamp will gradually decrease with use.
 The lamp, LCD panel, polarizing plate, and polarizing beam splitter (PBS) are consumable parts. These parts may need to be replaced during the guarantee period if the projector is used for six or more hours per day.
 The replacement cycle of the LCD panel, polarizing plate, and polarizing beam splitter (PBS) will be shortened if the projector is subjected to continuous use for six or more hours. Likewise, the replacement cycle of the lamp will be shortened if the power is frequently turned on and off or the projector is subjected to continuous use for six or more hours. continuous use for 10 or more hours.
- · Interruptions may occur in the wireless connection due to signal interference or PC conditions.



Touchboards

CPU:

205 Westwood Ave, Long Branch, NJ 07740 Phone: 866-94 BOARDS (26273) / (732)-222-1511 Fax: (732)-222-7088 | E-mail: sales@touchboards.com

XP Home Edition

mended). 256 MB or more

Operation is not guaranteed for all computers that meet the above conditions

To use wireless functions, a PC is required that meets the conditions given below: OS: Microsoft® Windows® 2000 Professional, Windows® XP Professional, Windows®

 Memory:
 256 MB or more

 Free hard disk space:
 60 MB or more

 CD-ROM drive:
 CD-ROM drive or DVD drive

 Wireless LAN:
 IEEE 802.11b/g LAN card must be installed and running normally.) However, some

 IEEE 802.11b/g LAN card must be installed and running normally.) However, some

 IEEE 802.11g/b wireless LAN may not allow connection to the projector.

 Web browser:
 Internet Explorer 6.0 or later, Netscape Communicator 7.0 or later

 Direct X:
 DirectX@ 8.1b or later must be installed.

 Constend for all computers that meet the above conditions

Pentium® III or higher, or other compatible processor (1 GHz or higher is recom-



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