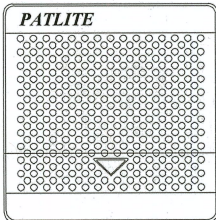
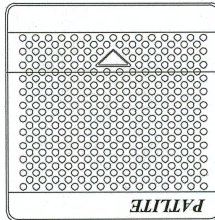
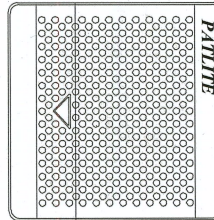


Specifications

BD-E

Input Voltage	Options	DC12V / DC24V					
	Rated Voltage	DC 12 - 24V					
	Operating Voltage	DC 10.8 – 26.4V					
Operating Temperature Range	-20°C ~ +55°C						
Relative Humidity	85% or lower (no condensation)						
Sound Level	90dB or more (at 1m), may be less depending on sound type, operating conditions, and supply voltage						
Volume Adjustment	Continuously adjustable from zero						
Mounting Location Options	Indoor use only						
Mounting Direction Options	  						
	Normal Direction : O Reverse Direction : O Lateral Direction : O						
Protection Rating	IP-54 (panel-mounted, normal direction, front only)						
Vibration	19.6m/s ² (JIS C0911-1984)						
Insulation Resistance	More than 1 Megohm between terminals and chassis at DC500V						
Dielectric Strength	AC500V applied between terminals and chassis for 1 minute without breaking insulation						
Signal Line Voltage	DC12V						
Signal Line Current	7mA						
Total Power Consumption	Max. 4W / Min. 0.5W						
Standby Current	25mA						
Leakage Current	I _L = 1mA or less						
Fuse (not included)	0.5A , 125V						
Reference numbers with corresponding pre-recorded sounds installed in this unit (32 total):							
Ref	Sound	Ref	Sound	Ref	Sound	Ref	Sound
1	Beep (Slow intermittent horn)	9	Stutter + Bell	17	Inverted Reveille	25	Annie Laurie
2	Stutter (Rapid intermittent horn)	10	Synthesized Melody	18	Galactic Motor	26	London Bridge is Falling Down
3	Bell (Clear, high-pitched bell)	11	Chime	19	Ringin Phone	27	Mary Had a Little Lamb
4	Yelp (Rapid siren)	12	Call Sign	20	Two Tone	28	The Camptown Races
5	Rapid Hi-Lo	13	Train Ride	21	Alarm Clock	29	Amaryllis
6	Melody Chime	14	Galloping Hi-Lo	22	Ringin Hi-Lo	30	Mozart Symphony #40
7	Synthesized Piano	15	Alien Chatter	23	Fur Elise	31	Ave Maria
8	Synthesized Bell	16	Falling Crystals	24	Minuet in G	32	My Grandfather's Clock
Factory default: 16 groups of sounds. Any group is selectable from a hidden front-panel control. 4 channels per group; any channel is selectable by wiring. The 4 channels in group P can be re-programmed with any of the existing sounds via optional SD card (Patlite part number SDV-128P, sold separately)	Group	Channel 1	Channel 2	Channel 3	Channel 4		
	A	Beep	Stutter	Bell	Yelp		
	B	Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell		
	C	Stutter + Bell	Synthesized Melody	Chime	Call Sign		
	D	Train Ride	Galloping Hi-Lo	Chime	Call Sign		
	E	Alien Chatter	Falling Crystals	Chime	Call Sign		
	F	Inverted Reveille	Galactic Motor	Chime	Call Sign		
	G	Ringin Phone	Two Tone	Chime	Call Sign		
	H	Alarm Clock	Ringin Hi-Lo	Chime	Call Sign		
	I	Fur Elise	Minuet in G	Chime	Call Sign		
	J	Annie Laurie	Ave Maria	Chime	Call Sign		
	K	Mary Had a Little Lamb	The Camptown Races	Chime	Call Sign		
	L	Amaryllis	Mozart Symphony #40	Chime	Call Sign		
	M	Ave Maria	My Grandfather's Clock	Chime	Call Sign		
	N	Fur Elise	London Bridge is Falling Down	Chime	Call Sign		
	O	Annie Laurie	Minuet in G	Chime	Call Sign		
	P	Two Tone	Alarm Clock	Mozart Symphony #40	Ave Maria		

Specifications (Continued)

BD-E

Signal Initiation		Contact closure plays selected channel until contact is open
Minimum Channel Contact Closure Time		More than 170msec
Minimum power-on time		More than 1 sec
Applicable Standards	CE	This product complies the EC DIRECTIVE indicated by the CE marking
	RoHS	This product complies with the RoHS Directive 2002/95/EC
	UL Component Recognition	This product complies with UL Standard 464 (File Number S24008)

