Model	BK-24A	BK-	-100A		BK-200A			
Rated Voltage	12 - 24V DC		C 50/60Hz	22	220V AC 50/60 Hz			
Operating Voltage Range	10.8V to 26.4V DC		±10% AC		220V ±10% AC			
Power Consumption	Maximum 12W	Maxim	um 10W	Maximum 11W				
Operating Temperature Range	-20℃ to +50℃							
(Relative Humidity)	85% RH or less (No Condensation)							
Sound Pressure Level	Max. 95 dB: Condition for determination: Mounted the product on a 300mm x 300mm plate,							
	and measure the level with CH5 (Rapid Hi-Lo) melody placed at a distance							
	of 1m from the front panel of the product and directly in front of it. Volume is							
	adjustable.							
		essure level may		-	he sound, its			
		nd the supplied v	* *					
Signal Input Method		put Held on whe			1			
Channel Input Selection	Bit Input (Select G				up P) Mode			
Number of Playback Sounds			Binary Input: 3					
Audio Startup Time	Signal Line Startup:							
Channel Priority	CH8>CH7>CH6			<u>`</u>	ut Mode)			
	01 Beep 09 02 Stutter 10	09 Stutter + Bell 0 Synthesized Melody	17 London Brid 18 Hol-Di-Li-Di		5 Amaryllis 6 Symphony No. 40	_		
	03 Bell 11		19 Mary's Lam			-		
Sound List		2 Call Sign	20 Camptown		8 Mountain Musician	コ		
	Type 05 Rapid Hi-Lo 11 06 Melody Chime 14	3 Fur Elise 4 Maiden's Prayer	21 Cuckoo 22 Village Blac		9 Spanish Romance 0 Katyusha	\neg		
	07 Synthesized Piano 15		23 On the Avig	non Bridge 3	· ·			
		6 Annie Laurie	24 Daydream E	1	2 Ave Maria	<u> </u>		
	Group A ^{*1} CH1 Fur Elise	B Mary's Lamb	C Amaryllis	D Grandfather's Clo	E Dock Spanish Romance			
	CH2 Maiden's Prayer	Camptown Races	Symphony No. 40	Ave Maria	Camptown Races			
	CH3 Minuet	Cuckoo	Silent Lakeside	Daydream Believ				
	CH4 Annie Laurie CH5 London Bridge	Village Blacksmith On the Avignon Bridge	Mountain Musician Spanish Romance	London Bridge Bell	Ave Maria Stutter + Bell			
	CH6 Hol-Di-Li-Dia	Daydream Believer	Katyusha	Yelp	Synthesized Melody			
	CH7 Chime	Chime			no Synthesized Piano			
Sound Group	CH8 Call Sign Group F	Call Sign G	Call Sign H ^{*2}	Synthesized Be	ell Synthesized Bell P			
	CH1 Mary's Lamb	Beep	Camptown Races					
	CH2 Symphony No. 40 CH3 Hol-Di-Li-Dia	Stutter Bell	Cuckoo Katyusha					
	CH4 Daydream Believer	Yelp	Grandfather's Clock	Rapid Hi-Lo	Use CH1-CH6 to select sounds 1-32			
	CH5 Rapid Hi-Lo	Rapid Hi-Lo	Rapid Hi-Lo London Bridge Melody Chime Mary's Lamb		for Binary Mode			
	CH6 Melody Chime CH7 Synthesized Piano							
	CH8 Synthesized Bell	Synthesized Piano Synthesized Bell	Mountain Musician					
Mounting Direction	Indoor: Any Direction (U	pright only when	exposed to w	/ater); Outd	oor: Upright Only			
Protection Rating			oright Only)					
Vibration Resistance	45m/s ²	19.0	6m/s²		19.6m/s ²			
VIDIATION RESISTANCE	(30Hz, Back a	and Forth:2h; Rig	ght to Left:2h;	Up and Do	wn:4h)			
Insulation Resistance	More than 1MΩ	at 500VDC betw	veen the termi	nals and the				
Withstand Voltage	500V AC	1000	0V AC		1500V AC			
	applied for 1min betw	ween terminals a	and chassis wi	thout break	ing insulation			
Mass (Tolerance ±10%)	.35kg	.5	3kg		.53kg			
			•					
	BK - 24	A - A	J					
			A					
		1 1						
	■ Rated Voltage 24 : 12-24V DC	Sound A: A Type	I Panel Color J ∶Light Gray					
	100: 100V AC	C: C Type	K ∶Dark Gray					
	220: 220V AC	D: D Type						
*1 Factory Default Settings (Group A)		E: E Type						
*2 Sounds can be freely arranged usin			()					
	S Directive. (DIRECTIVE 2002/95/EC)							
	quirements and shows the CE Marking	ig. (24 v Type Only)						
No. BKA-APDFB-en	1							
NU. DINA-AFUFD-01	<u> </u>							
F	PATLITE	Corp	orati	on				
								

Model		BK-24C		B	K-100	C		F	3K-200C
Rated Voltage		12 - 24V DC	100V			220V AC 50/60 Hz			
Operating Voltage Range		BV to 26.4V D		/ ±10%		220V ±10% AC			
Power Consumption		aximum 12W	-					Maximum 11W	
Operating Temperature Range		Maximum 12W Maximum 10W Maximum 11W -20℃ to +50℃ -20℃ to +50℃ -20℃ to +50℃							
(Relative Humidity)		85% RH or less (No Condensation)							
Sound Pressure Level	Max. 95	Max. 95 dB: Condition for determination: Mounted the product on a 300mm x 300mm plate,							
	and measure the level with CH5 (Rapid Hi-Lo) melody placed at a distance								
	of 1m from the center of the product and directly in front of it. Volume is								
		adjustable					,		
		* The sou	Ind	pressure level ma	ay be	lower dep	pending on t	he	sound, its
		environm	ent	, and the supplied	d volta	age regula	ation.		
Signal Input Method		Char	nne	I Input Held on wi	hen sł	horted to a	common (CO	SМ)
Channel Input Selection		Bit Input (Se	lect	Groups A throug	h H) a	and Binary	y Input (Gro	up	P) Mode
Number of Playback Sounds				Bit Input: 8	/ Bina	ry Input: 3	32		
Audio Startup Time	S	ignal Line Sta	artu	p: 300ms or mor	e: Pov	wer Suppl	y Startup: 5	00r	ns or more
Channel Priority		CH8>CH7	′>C	H6>CH5>CH4>C	CH3>C	CH2>CH1	(For Bit Inp	ut l	Mode)
		Зеер	09	Stutter + Bell	17		ami no Otome		I don't want to miss a thing
		Stutter Bell	10 11	Synthesized Melody Chime	18	<u> </u>	-Elysees	26 27	Yozora no Mukou Ai wa Katsu
Sound List		/elp	-	Call Sign	20	_	ne	28	Truth
Sound List	Type 05 F	Rapid Hi-Lo	13	Can't take my eyes off of Yo			ship Yamato	29	Guts Daze!!
		Melody Chime Synthesized Piano	14 15	Top of the World The Entertainer	22			30 31	Odoru Ponpokorin Ima sugu Kiss Me
		Synthesized Bell		Amazing Grace	24		me Song	-	Haru yo, Koi
	Group	A*1		В		С	D		E
	CH1	Can't take my eyes off of Y	ou	Canon		ant to miss a thing	Ima sugu Kiss M	Лe	Amairo no Kami no Otome
	CH2 CH3	Top of the World The Entertainer		La-la Sunshine Space Battleship Yamato	Yozora no Mukou Ai wa Katsu		Haru yo, Koi Space Battleship Yamato		Makenai de Guts Daze!!
	CH4	Amazing Grace		Oshiete		Truth	La-la Sunshine	э	Top of the World
	CH5 CH6	Amairo no Kami no Otor Aux Champs-Elysee	_	Makenai de "Rocky" Theme Song	Makenai de Guts Daze!! ocky" Theme Song Odoru Ponpokorir		Can't take my eyes off of "Rocky" Theme So		Canon Haru yo, Koi
	CH7	Chime		Chime			Chime	Jing	Chime
Sound Group	CH8	Call Sign		Call Sign	Call Sign		Call Sign		Call Sign
	Group F CH1 Beep		G Odoru Ponpokorin	La-la Sunshine		I -0		P	
	CH2	Stutter		Ai wa Katsu	Space Battleship Yamato		Rapid Hi-Lo select so		Use CH1-CH6 to
	CH3 CH4	Stutter + Bell Synthesized Melody		Truth	IX Champs-Elysees Ima sugu Kiss Me Amazing Grace Amairo no Kami no Otome ozora no Mukou Aux Champs-Elysees				
	CH5	Synthesized Piano		Amazing Grace					select sounds 1-32 for Binary Mode
	CH6	Synthesized Bell		Yozora no Mukou				Dinary Mode	
	CH7 Chime CH8 Call Sign		_	Chime Call Sign	Ai wa Katsu Truth		-		
Mounting Direction	Indo	or: Any Direct	ion	(Upright only whe	en ext	oosed to v	water): Outd	oor	: Upright Only
Protection Rating				IP54 (L			,,		·
		45m/s ²		19	9.6m/	s ²			9.6m/s ²
Vibration Resistance			Bad	ck and Forth:2h; I			: Up and Do	wn	:4h)
Insulation Resistance				IΩ at 500VDC be					
		500V AC			00V A				500V AC
Withstand Voltage	6	applied for 1m	in b	etween terminals			ithout break		
Mass		.35kg		1	.53kg				.53kg
						7	I		
	Bł	(- 12	2	. A —	J				
			- •		<u> </u>				
			T	Ť	T				
		Rated Volta		Sound		iel Color			
		24 : 12-24 100: 100V		C A: A Type C: C Type		Light Gray Dark Gray			
		220: 220V		D: D Type		Dark Gray			
				E: E Type					
 *1 Factory Default Settings (Group A) *2 Sounds can be freely arranged usir 	ng an SD Car	d (Recommended	ı. sr)/-128P sold separate	elv)				
 The product complies with the RoH 	S Directive.	DIRECTIVE 2002	2/95/	/EC)					
 This product conforms to the CE re 	quirements a	ind shows the CE	Mai	rking. (24 V Type Only	/)				
	1								
N									
No. BKC-APDFB-en									
No. BKC-APDFB-en									
	олт		=	Corr		rati	00		
	ΡΑΤ	רודו	Ξ	Corp	0	rati	on		

Model	1	BK-24D		Bł	<-10	0D		E	3K-200D	
Rated Voltage		12 - 24V DC		100V AC 50/60Hz				220V AC 50/60 Hz		
Operating Voltage Range	10.	8V to 26.4V DC	100V	±10)% AC		220V ±10% AC			
Power Consumption	N	laximum 12W	Maxi	Maximum 10W				ximum 11W		
Operating Temperature Range	-20°C to +50°C									
(Relative Humidity)		85% RH or less (No Condensation)								
Sound Pressure Level	Max. 95	Max. 95 dB: Condition for determination: Mounted the product on a 300mm x 300mm plate,								
		and measure the level with CH5 (Rapid Hi-Lo) melody placed at a distance								
		of 1m from the center of the product and directly in front of it. Volume is								
		adjustable.								
		* The sound pressure level may be lower depending on the sound, its								
Cigned Innut Mathad		environment, and the supplied voltage regulation. Channel Input Held on when shorted to common (COM)								
Signal Input Method Channel Input Selection				Groups A throug			,		1	
Number of Playback Sounds		Bit Input (Sei	ecte	Bit Input: 8				up		
Audio Startup Time		Signal Lina Star	tup:	300ms or more				00,	me or moro	
Channel Priority				6>CH5>CH4>C						
	01 [Beep		hime		Surf Tengoku, S	· ·		hubert's Lullaby	
		Stutter		all Sign	18	Iro, White Blend			idolph the Red-nosed Reindeer	
		Sell		unner	19	Happy Birthday	2		ne wore a Yellow Ribbon	
Sound List		'elp Rapid Hi-Lo		amotte Agetai /hile Listening to Olivia	20 21	Hi-Ho I've been working or	2 n the railroad		y Darling Clementine ellow Rose of Texas	
	06 1	lelody Chime	14 Se	eptember	22	The Bear Song	3	0 Ya	ankee Doodle	
		Synthesized Piano		ouyobi no Koibito ki no Kehai	23 24	Toys go Cha-ch Konnako Irukan			hen the Saints go Marching in ondonderry Aire	
	Group	A ^{*1}		B	12.	C		- 1-	E	
	CH1	Runner		Happy Birthday	She w	ore a Yellow Ribbon	Yellow Rose of Te	exas	Runner	
	CH2	Mamotte Agetai		Hi-Ho		arling Clementine	Yankee Dood		Iro, White Blend	
	CH3 CH4	While Listening to Olivia September	a	I've been working on the railroad The Bear Song		w Rose of Texas	When the Saints go March Londonderry A	-	Shubert's Lullaby Hi-Ho	
	CH5	Douyobi no Koibito		Toys go Cha-cha-cha	When the Saints go Marching in		Веер		Bell	
	CH6 CH7	Aki no Kehai Surf Tengoku, Ski Tengoku		Konnako Irukana Shubert's Lullaby			Stutter Chime		Yelp Chime	
Sound Group	CH8	Iro, White Blend		Rudolph the Red-nosed Reindeer			Call Sign		Call Sign	
	Group CH1	F Surf Tengoku, Ski Tengoku	_	G Douyobi no Koibito		H ^{*2} Hi-Ho	1-0	I-0 P		
				I've been working on the railroad	l've bee	en working on the railroad				
	CH3 While Listening to Olivia			She wore a Yellow Ribbon		inkee Doodle		Use CH1-		
	CH4 Rudolph the Red-nosed Reindeer CH5 Rapid Hi-Lo		-	Yankee Doodle Synthesized Piano		he Saints go Marching in engoku, Ski Tengoku			select sounds 1-32 for	
	CH6 Melody Chime			Synthesized Bell		, White Blend			Dinary Wode	
	CH7 Chime CH8 Call Sign			Chime Call Sign	She wore a Yellow Ribbon My Darling Clementine		4			
Mounting Direction		· ·	on (L	Jpright only whe		-	vater): Outo	looi	r: Upright Only	
Protection Rating						ht Only)	natory, outo			
		45m/s ²			9.6m				19.6m/s ²	
Vibration Resistance			Back	and Forth:2h; F	Riah	t to Left:2h	: Up and Do			
Insulation Resistance				at 500VDC be						
		500V AC			00V				500V AC	
Withstand Voltage		applied for 1mir	n bet	tween terminals			vithout break			
Mass		.35kg			.53k				.53kg	
					—	<u>۔</u>				
	Bł	< - 12	4	A -	J					
			<u> </u>	<u> </u>						
			1							
		Rated Voltag 24 : 12-24		Sound A: A Type		anel Color :Light Gray				
		100: 100V		C: C Type		Dark Gray				
		220: 220V	AC	D: D Type						
*1 Factory Default Settings (Group A)				E: E Type						
*2 Sounds can be freely arranged usir					ely)					
 The product complies with the RoH This product conforms to the CE re 					/)					
	quironionio		mariai	ig. (21 v type etti)	,					
No. BKD-APDFB-en										
	1									
				_						
F	ΥAT	LITE		Corp	0	rati	on			
				-						

Model	1	BK-24E			Bł	<-100E			BK-200E		
Rated Voltage	+	12 - 24V DC	100V AC 50/60Hz				220V AC 50/60 Hz				
Operating Voltage Range		10.8V to 26.4V [100V ±10% AC				220V ±10% AC				
Power Consumption		Maximum 12V	V	l I	Maximum 10W				Maximum 11W		
Operating Temperature Range		-20℃ to +50℃									
(Relative Humidity)		85% RH or less (No Condensation)									
Sound Pressure Level	Max.	Max. 95 dB: Condition for determination: Mounted the product on a 300mm x 300mm plate									
	and measure the level with CH5 (Rapid Hi-Lo) melody placed at a distance										
	of 1m from the center of the product and directly in front of it. Volume is										
		adjustab									
	* The sound pressure level may be lower depending on the sound, its										
	<u> </u>	environment, and the supplied voltage regulation. Channel Input Held on when shorted to common (COM)									
Signal Input Method									• • •		
Channel Input Selection		Bit Input (Se	elect Gro					it (G	iroup P) Mode		
Number of Playback Sounds						Binary Inp			5 00		
Audio Startup Time									: 500ms or more		
Channel Priority				CH5>CH			•		nput Mode)		
		01 Beep 02 Stutter	09 Chime 10 Call Sig	in	17	Inverted Revellie Galactic Motor			Annie Laurie London Bridge		
1	BK	₩-eeuAPDFC-en	11 Runnei		19	Ringing Phone		27	Mary's Lamb		
Sound List		04 Yelp 05 Rapid Hi-Lo	12 Mamot 13 Train R	e Agetai ide	20 21	Two Tone Alarm Clock		28 29	Camptown Races Amaryllis		
	II - F	06 Melody Chime	+ +	ng Hi-Lo	22	Ringing Hi-Lo		30	Symphony No. 40		
		07 Synthesized Piano	15 Alien Chatter			Fur Elise			Ave Maria		
		08 Synthesized Bell	16 Falling		124	Minuet		32	Grandfather's Clock		
	Group CH1	A ^{*1} Fur Elise	M	B nuet	+	C Fur Elise	D Alien Cha	atter	E Train Ride		
	CH2	Minuet	+	e Laurie	<u> </u>	ondon Bridge	Falling Cry	/stals	Galloping Hi-Lo		
	CH3 CH4	Annie Laurie London Bridge	<u>.</u>	aryllis ony No. 40		Mary's Lamb mptown Races	Inverted Re Galactic N		Galactic Motor		
	CH5	Mary's Lamb		her's Clock		Amaryllis	Ringing P		Alarm Clock		
	CH6 CH7	Camptown Races Chime	+	Maria nime	Gra	ndfather's Clock Chime	Two To Alarm Cl		Ringing Hi-Lo Synthesized Piano		
Coursed Crown	CH8	Call Sign		l Sign	-	Call Sign	Ringing F		Synthesized Bell		
Sound Group	Group	F	+	G	H ^{*2}		I -0		Р		
	CH1 CH2	Rapid Hi-Lo Chime		Beep Stutter		Two Tone Alarm Clock					
	CH3	Stutter		Bell		mphony No. 40					
	CH4 CH5	Ringing Phone Stutter + Bell	-	′elp d Hi-Lo		Ave Maria /erted Revellie	Rapid Hi	i-Lo	Use CH1-CH6 to select sounds 1-32 for		
	CH6	Synthesized Melody		y Chime	Galactic Motor				Binary Mode		
	CH7	Synthesized Piano			Mary's Lamb]				
Mounting Direction	CH8	Synthesized Bell		sized Bell	· · · ·	mptown Races	to wotor)		utdooru Lloright Oply		
Mounting Direction		ndoor. Any Direc				-		, 00	utdoor: Upright Only		
Protection Rating	+	45m/s ²				Ipright Only 9.6m/s²)		19.6m/s ²		
Vibration Resistance			Back a	l nd Forth		Right to Left	··2h·11n a	nd			
Insulation Resistance									the chassis		
	+	500V AC				00V AC		anu	1500V AC		
Withstand Voltage			nin hetw	een termi			is without	bre	aking insulation		
Mass	1	.35kg				.53kg			.53kg		
	<u> </u>						I				
	F	3K -	24	A -	_						
			T	T		T					
		Rated Vol		Sound		Panel Color					
		24 : 12-1 100: 100		A: A Ty C: C Ty		J ∶Light G K ∶Dark Gra	•				
		220: 220		D: D Ty	, pe		-				
*1 Factory Dofault Sottings (Oracia A)				E: E Ty	pe						
 *1 Factory Default Settings (Group A) *2 Sounds can be freely arranged usin 	ig an SE	Card (Recommende	ed: SDV-12	8P sold ser	oarate	ely)					
 The product complies with the RoH 	S Direct	ive. (DIRECTIVE 200	02/95/EC)								
 This product conforms to the CE re 	quiteme	and shows the C	∟ iviarking.	(24 v Type	= Only	()					
No. BKE-APDFB-en	T										
ושיטו טוזי.ביאו טו טיפוו	<u> </u>										
	_			_		and the second second					
F	A	TLIT	E	Cor	p	orat	tior	1			
	97Å - 1	992 - ST 192	0.00								