	BK-24A	BK	-100A	1	BK-200A						
12 - 24V DC 100V AC 50/60Hz 220V A											
-20°C to +50°C											
Max. 95 dB: Condition for determination: Mounted the product on a 300mm x 300mm pla											
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. * The sound pressure level may be lower depending on the sound, its											
	. , , , , , , , , , , , , , , , , , , ,										
	Dit iripat (Ocicot		<u> </u>		ap i / iviouc						
Sic	anal Line Startur				Mone or more						
SIĘ											
lou la				<u>` </u>	OUT MOGE) 25 Amaryllis						
02 S 03 E A 04 Y Type 05 F 06 M	Stutter Bell Yelp Rapid Hi-Lo Melody Chime Synthesized Piano	 Synthesized Melody Chime Call Sign Fur Elise Maiden's Prayer Minuet 	18 Hol-Di-Li-D 19 Mary's Lam 20 Camptown 21 Cuckoo 22 Village Blad 23 On the Avig	ia 2 hb 2 Races 2 cksmith 3 gnon Bridge 3	25 Amaryllis 26 Symphony No. 40 27 Silent Lakeside 28 Mountain Musician 29 Spanish Romance 30 Katyusha 31 Grandfather's Clock 32 Ave Maria						
CH1	Fur Elise		_	Grandfather's Cl	E ock Spanish Romance						
CH2	Maiden's Prayer	Camptown Races	Symphony No. 40	Ave Maria	Camptown Races						
CH3	Minuet	Cuckoo	Silent Lakeside	Daydream Belie							
					e Ave Maria Stutter + Bell						
CH6	Hol-Di-Li-Dia	Daydream Believer	Katyusha	Yelp	Synthesized Melody						
CH7	Chime	Chime	Chime	Synthesized Pia							
					ell Synthesized Bell P						
CH1 CH2 CH3 CH4 CH5 CH6 CH7	Mary's Lamb Symphony No. 40 Hol-Di-Li-Dia Daydream Believer Rapid Hi-Lo Melody Chime Synthesized Piano	Beep Stutter Bell Yelp Rapid Hi-Lo Melody Chime Synthesized Piano	Camptown Races Cuckoo Katyusha Grandfather's Clock London Bridge Mary's Lamb Silent Lakeside	Rapid Hi-Lo	Use CH1-CH6 to						
	,	<u> </u>		uatar): Outa	loor: Unright Only						
111000	i. Any Direction		<u> </u>	valer), Outo	ioor. Oprigrit Only						
	4 F no 1-2				10.01-2						
				11 15	19.6m/s ²						
				inais and th							
				1500V AC							
ap	•				.53kg						
BK	- 24	A - [Panel Color J:Light Gray K:Dark Gray		- vering						
	10.8\\ Max. 95 d	Maximum 12W Maximum 12W Max. 95 dB: Condition for and measure of 1m from the adjustable. * The sound environment, Channel Bit Input (Select Signal Line Startup CH8>CH7>Cl 01 Beep 02 Stutter 03 Bell A 04 Yelp Type 05 Rapid Hi-Lo 06 Melody Chime 07 Synthesized Piano 08 Synthesized Bell Group A'' CH1 Fur Elise CH2 Maiden's Prayer CH3 Minuet CH4 Annie Laurie CH5 London Bridge CH6 Hol-Di-Li-Dia CH7 Chime CH8 Call Sign Group F CH1 Mary's Lamb CH2 Symphony No. 40 CH3 Hol-Di-Li-Dia CH4 Daydream Believer CH5 Rapid Hi-Lo CH6 Melody Chime CH7 Synthesized Piano CH8 Synthesized Piano CH9 CH9 CH9 CH9 A Triple CH1 CH9 CH1 CH9 CH2 Symphony No. 40 CH3 Hol-Di-Li-Dia CH4 Daydream Believer CH5 Rapid Hi-Lo CH6 Melody Chime CH7 Synthesized Piano CH8 Synthesized Bell Indoor: Any Direction A Sm/s² (30Hz, Bac More than 1M 500V AC applied for 1min b .35kg BK - 24 Rated Voltage 24 : 12-24V D(100: 100V AC A C D(100: 100V AC CH9 CH9 CH9 CH	12 - 24V DC 10.8V to 26.4V DC 10.8V to 26.4V DC 10.8V to 26.4V DC Maximum 12W Maximum 14H Maiden's Prayer Maximum 14H Maximum 15 Minuet Maximum 15 M	12 - 24V DC 10.8V to 26.4V DC Maximum 10W -20°C to +50°C 85% RH or less (No Condens: Max. 95 dB: Condition for determination: Mounted the provand measure the level with CH5 (Rapid Hi-Lo of 1m from the front panel of the product and adjustable. * The sound pressure level may be lower depenvironment, and the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage regula Channel Input Held on when shorted to compare the supplied voltage Input Held on when shorted to compare the supplied voltage Input Held on when shorted to compare the supplied voltage Input Held on when shorted to compare the supplied voltage Input Held on when shorted to compare the supplied voltage Input Held on when shorted to compare the supplied voltage Input Held on when shorted to compare the supplied for 1min between terminals and chassis with Input Held on when shorted the terminals and chassis with Input Held on when shorted the terminals and chassis with Input Held on when shorted the terminals and chassis with Input Held on the supplied for 1min between terminals and chassis with Input Held on the supplied for 1min between terminals and chassis with Input Held on the supplied for 1min between termin	12 - 24V DC 10.8V to 26.4V DC 10.8V to 26.4V DC Maximum 12W Maximum 10W -20°C to +50°C 85% RH or less (No Condensation) Max. 95 dB: Condition for determination: Mounted the product on a 3i and measure the level with CH5 (Rapid Hi-Lo) melody p of 1m from the front panel of the product and directly in f adjustable. * The sound pressure level may be lower depending on environment, and the supplied voltage regulation. Channel Input Held on when shorted to common (C Bit Input (Select Groups A through H) and Binary Input (Gro Bit Input: 8 / Binary Input: 32 Signal Line Startup: 300ms or more: Power Supply Startup: 5 CH8>CH7>CH6>CH5>CH4>CH3>CH2>CH1 (For Bit Input: 8 / Binary Input: 32 Signal Line Startup: 300ms or more: Power Supply Startup: 5 CH8>CH7>CH6>CH5>CH4>CH3>CH2>CH1 (For Bit Input: 9 / Binary Input: 32 Signal Line Startup: 300ms or more: Power Supply Startup: 5 CH8>CH8>CH7>CH6>CH5>CH4>CH3>CH2>CH1 (For Bit Input: 9 / Binary Input: 32 Signal Line Startup: 300ms or more: Power Supply Startup: 5 CH8>CH8>CH7>CH6>CH5>CH4>CH3>CH2>CH1 (For Bit Input: 9 / Binary Input: 32 Signal Line Startup: 300ms or more: Power Supply Startup: 5 CH8>CH8>CH7>CH6>CH5>CH4>CH3>CH2>CH1 (For Bit Input: 9 / Binary Input: 32 Signal Line Startup: 300ms or more: Power Supply Startup: 5 CH8>CH8>CH7>CH6>CH5>CH4>CH3>CH2>CH1 (For Bit Input: 9 / Binary Input: 9						

No. BK-.A-APDFB-en

PATLITE Corporation

The product complies with the RoHS Directive. (DIRECTIVE 2002/95/EC)
This product conforms to the CE requirements and shows the CE Marking. (24 V Type Only)

Model		BK-24C		В	<-10	00C		E	3K-200C		
Rated Voltage		12 - 24V DC	_	100V AC 50/60Hz			220V AC 50/60 Hz				
Operating Voltage Range		3V to 26.4V D	С		100V ±10% AC				220V ±10% AC		
Power Consumption		Maximum 12W Maximum 10W Maximum 1									
Operating Temperature Range	+	-20°C to +50°C									
(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 plat								nm x 300mm plate.		
204114 1 1000410 20101	and measure the level with CH5 (Rapid Hi-Lo) melody placed at a dis										
						and directly in front of it. Volume is					
		adjustable					, , ,				
				pressure level ma	ay b	e lower de	pending on t	the	sound, its		
		environme	ent,	and the supplied	l vol	ltage regul	ation.				
Signal Input Method		Channel Input Held on when shorted to common (COM)									
Channel Input Selection		Bit Input (Select Groups A through H) and Binary Input (Group P) Mode									
Number of Playback Sounds		Bit Input: 8 / Binary Input: 32									
Audio Startup Time	S	ignal Line Sta	rtup	o: 300ms or more	e: Po	ower Supp	ly Startup: 5	100	ms or more		
Channel Priority				H6>CH5>CH4>C							
		Веер	-	Stutter + Bell	\rightarrow	17 Amairo no K		-	I don't want to miss a thing		
		Stutter	${}$	Synthesized Melody	\rightarrow	18 Aux Champs	s-Elysees	26	Yozora no Mukou Ai wa Katsu		
Carried Liet	11 	ell 'elp	-	Chime Call Sign	$\overline{}$	19 Canon 20 La-la Sunsh	ine	27 28	Truth		
Sound List	Type 05 F	Rapid Hi-Lo	13	Can't take my eyes off of You	$\overline{}$	21 Space Battle	eship Yamato	29	Guts Daze!!		
	11 	Melody Chime Synthesized Piano	-	Top of the World The Entertainer	$\overline{}$	22 Oshiete23 Makenai de		30 31	Odoru Ponpokorin Ima sugu Kiss Me		
		Synthesized Bell	-	Amazing Grace	$\overline{}$	24 "Rocky" The	me Song	32	Haru yo, Koi		
	Group	A*1	Ī	В		С	D		E		
	CH1	Can't take my eyes off of Yo	DU	Canon	_	't want to miss a thing	Ima sugu Kiss I		Amairo no Kami no Otome		
	CH2 CH3	Top of the World The Entertainer	\dashv	La-la Sunshine Space Battleship Yamato	_	zora no Mukou Ai wa Katsu	Haru yo, Koi Space Battleship Yar		Makenai de Guts Daze!!		
	CH4	Amazing Grace		Oshiete		Truth	La-la Sunshin		Top of the World		
	CH5	Amairo no Kami no Oton	-	Makenai de		Guts Daze!!	Can't take my eyes off o		Canon		
	CH6 CH7	Aux Champs-Elysees "R Chime		"Rocky" Theme Song Chime	Odd	oru Ponpokorin Chime	"Rocky" Theme Se	ong	Haru yo, Koi Chime		
Sound Group	CH8	Call Sign		Call Sign	Call Sign		Call Sign		Call Sign		
Sound Group	Group CH1			G Odoru Ponpokorin	11	H ^{*2} a-la Sunshine	1-0		P		
	CH2	Stutter		Ai wa Katsu		e Battleship Yamato	1				
	CH3			Truth		oru Ponpokorin]		Use CH1-CH6 to		
	CH4 Synthesized Melody CH5 Synthesized Piano CH6 Synthesized Bell		_	Aux Champs-Elysees Amazing Grace		a sugu Kiss Me ro no Kami no Otome	Rapid Hi-Lo		select sounds 1-32 for		
				Yozora no Mukou	Aux Champs-Elysees		1		Binary Mode		
	CH7 CH8	Chime Call Sign	_	Chime Call Sign	Ai wa Katsu Truth		1				
Mounting Direction			<u> </u>				uvotor): Outd		r: Upright Only		
Protection Rating	11140	or. Arry Directi	UII	Upright only whe		ght Only)	water), Outu	JUUI	. Oprignt Only		
1 Totoction Nating	+	45m/s ²			9.6m				19.6m/s ²		
Vibration Resistance			Rac	k and Forth:2h; F			ı: I In and Do				
Insulation Resistance	 			Ω at 500VDC be							
	 	500V AC	v I			'AC			500V AC		
Withstand Voltage			n h	etween terminals			vithout break				
Mass	1	.35kg			.53k				.53kg		
						<u>.a</u>					
	Bk	(– 2	4	A —							
	ים	`	<u>. •</u>		Ľ,						
			Ī	Ī	Ī	•					
					\vdash						
		Rated Volta		Sound		anel Color					
		24 : 12-24 100: 100V		C A: A Type C: C Type		:Light Gray :Dark Gray					
		220: 220V		D: D Type	11	Dain Glay					
				E: E Type							
*1 Factory Default Settings (Group A)*2 Sounds can be freely arranged usin	ıg an SD Car	d (Recommended	I: SD	V-128P sold separate	elv)						
 The product complies with the RoH 	S Directive. (DIRECTIVE 2002	/95/1	EC)	-						
This product conforms to the CE rec	quirements a	nd snows the CE	Mar	кıng. (24 V Туре Only)						

No. BK-.C-APDFB-en

PATLITE Corporation

Model			BK-24D		Bł	K-1 (00)D			Е	3K-200D	\neg	
Rated Voltage		_	12 - 24V DC		100V AC 50/60Hz				220V AC 50/60 Hz					
Operating Voltage Range	1	10.8V to 26.4V DC 100V ±10% AC 220V ±10% AC												
Power Consumption		Maximum 12W Maximum 10W Maximum 11W												
Operating Temperature Range		-20°C to +50°C												
(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 plat													
20414 1 1000410 20101		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.													
			-		pressure level ma	av b	эe	lower der	ending or	n th	ne	sound, its		
					, and the supplied	-			•			·		
Signal Input Method		Channel Input Held on when shorted to common (COM)												
Channel Input Selection		Bit Input (Select Groups A through H) and Binary Input (Group P) Mode												
Number of Playback Sounds					Bit Input: 8		_					,	_	
Audio Startup Time		S	ignal Line Sta	rtu	p: 300ms or more					50)0r	ns or more		
Channel Priority					H6>CH5>CH4>C									
,	01	В	еер		Chime			Surf Tengoku, S		÷	_	nubert's Lullaby	\Box	
	02	: St	tutter	10	Call Sign	18	-	Iro, White Blend		26	-	dolph the Red-nosed Reindeer	\Box	
	D 03	_	ell elp	11 12	Runner Mamotte Agetai	19 20	_	Happy Birthday Hi-Ho	/ 27 28		-	She wore a Yellow Ribbon My Darling Clementine		
Sound List		_	apid Hi-Lo		While Listening to Olivia	21	ı	I've been working or	the railroad	29	_	ellow Rose of Texas	\exists	
	06	_	elody Chime	14	The second secon	22	_	The Bear Song	1	30	-	inkee Doodle	_	
	07	_	ynthesized Piano ynthesized Bell	15 16	Douyobi no Koibito Aki no Kehai	23 24	_	Toys go Cha-ch Konnako Irukan		31 32	_	en the Saints go Marching in andonderry Aire	\dashv	
	Grou		A*1	_	В	_	_	С	D	_	_	E	_	
	CH1		Runner		Happy Birthday	She	wor	re a Yellow Ribbon	Yellow Rose of	Texa	as	Runner		
	CH2 Mamotte Agetai		Hi-Ho I've been working on the railroad	My Darling Clement			Yankee Doo		n in	Iro, White Blend Shubert's Lullaby				
	CH3 CH4			The Bear Song	Yellow Rose of Texas Yankee Doodle			When the Saints go Marching in Londonderry Aire		_	Hi-Ho			
	CH5			Toys go Cha-cha-cha	When the Saints go Marching in			Веер			Bell			
	CH6 CH7	\dashv	Aki no Kehai Surf Tengoku, Ski Tengoku		Konnako Irukana Shubert's Lullaby	Londonderry Aire Runner			Stutter Chime			Yelp Chime		
	CH8	\dashv	Iro, White Blend		Rudolph the Red-nosed Reindeer	Mamotte Agetai			Call Sign			Call Sign		
Sound Group	Grou	ıp	F		G	H*2			1-0			Р		
	CH1 CH2	\dashv	Surf Tengoku, Ski Tengoku Konnako Irukana		Douyobi no Koibito I've been working on the railroad	Hi-Ho I've been working on the railroad			-					
	CH3	\rightarrow	While Listening to Olivia		She wore a Yellow Ribbon	Yankee Doodle								
	CH4 Rudolph the Red-nosed Reindeer CH5 Rapid Hi-Lo CH6 Melody Chime		Yankee Doodle Synthesized Piano		When the Saints go Marching in		Rapid Hi-Lo			Use CH1-CH6 to select sounds 1-32 for				
			\dashv	Synthesized Bell	Surf Tengoku, Ski Tengoku Iro, White Blend			-			Binary Mode			
	CH7 Chime			Chime	She wore a Yellow Ribbon									
	CH8 Call Sign				Call Sign			rling Clementine						
Mounting Direction	Inc	do	or: Any Directi	on	(Upright only whe				water); Ou	tdc	or	: Upright Only		
Protection Rating	<u> </u>				IP54 (L									
Vibration Resistance			45m/s ²			9.6n						19.6m/s ²		
					ck and Forth:2h; F									
Insulation Resistance				11\	IΩ at 500VDC be				inals and t	he				
Withstand Voltage	<u> </u>		500V AC			1000V AC					1500V AC			
-	applied for 1min betwe					een terminals and chassis with				<u> </u>				
Mass			.35kg			.53k	kg)				.53kg		
*1 Factory Default Settings (Group A)	В	k	Rated Volta 24 : 12-24 100: 100V 220: 220V	V D AC	Sound A: A Type C: C Type D: D Type E: E Type	J	J :	nel Color Light Gray Dark Gray						
*1 Factory Default Settings (Group A) *2 Sounds can be freely arranged usin * The product complies with the RoH					DV-128P sold separate	ely)								

No. BK-.D-APDFB-en

PATLITE Corporation

The product complies with the RoHS Directive. (DIRECTIVE 2002/95/EC)
This product conforms to the CE requirements and shows the CE Marking. (24 V Type Only)

Model		BK-24E			ВІ	K-100E			BK-200E			
Rated Voltage		12 - 24V DC	10)V A	AC 50/60Hz	:	220V AC 50/60 Hz					
Operating Voltage Range		10.8V to 26.4V [С	1	00V	′ ±10% AC		220V ±10% AC				
Power Consumption		Maximum 12V	/	N	laxi	mum 10W		Maximum 11W				
Operating Temperature Range		-20°C to +50°C										
(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 dist											
		of 1m fro	nt of it. Volume is									
		adjustab	le.									
		* The so	unc	d pressure leve	l ma	ay be lower	dependin	g o	n the sound, its			
		environment, and the supplied voltage regulation. Channel Input Held on when shorted to common (COM)										
Signal Input Method		Cha	nne	el Input Held o	ı wł	nen shorted	to commo	on ((COM)			
Channel Input Selection		Bit Input (Select Groups A through H) and Binary Input (Group P) Mode										
Number of Playback Sounds		Bit Input: 8 / Binary Input: 32										
Audio Startup Time		Signal Line Startup: 300ms or more: Power Supply Startup: 500ms or more										
Channel Priority		CH8>CH7>CH6>CH5>CH4>CH3>CH2>CH1 (For Bit Input Mode)										
		01 Beep	09	Chime	$\overline{}$	Inverted Revellie		\rightarrow	Annie Laurie			
		Stutter N-E-APDFC-en	10 11	Call Sign Runner	18 19	Galactic Motor Ringing Phone		${}\rightarrow$	London Bridge Mary's Lamb			
Sound List	E	04 Yelp	-	Mamotte Agetai	20	Two Tone		${} \rightarrow$	Camptown Races			
Godina Fist		05 Rapid Hi-Lo	13	Train Ride	_	Alarm Clock			Amaryllis			
		06 Melody Chime 07 Synthesized Piano	14 15	Galloping Hi-Lo Alien Chatter		Ringing Hi-Lo Fur Elise			Symphony No. 40 Ave Maria			
		08 Synthesized Bell	-	Falling Crystals		Minuet			Grandfather's Clock			
	Group	A ^{*1}		В		С	D		E			
	CH1 Fur Elise		_	Minuet		Fur Elise	Alien Cha		Train Ride			
Sound Group	CH2 CH3	Minuet Annie Laurie		Annie Laurie Amaryllis	London Bridge Mary's Lamb		Falling Cry Inverted Re		Galloping Hi-Lo Inverted Revellie			
	CH4	London Bridge	-	Symphony No. 40	Ca	amptown Races	Galactic M		Galactic Motor			
	CH5 CH6	Mary's Lamb Camptown Races	<u> </u>	Grandfather's Clock Ave Maria	Gra	Amaryllis andfather's Clock	Ringing Ph Two Ton		Alarm Clock Ringing Hi-Lo			
	CH7	Chime		Chime	Chime		Alarm Clo		Synthesized Piano			
	CH8	Call Sign		Call Sign		Call Sign	Ringing Hi-Lo		Synthesized Bell			
	Group CH1	F Rapid Hi-Lo	\vdash	G Beep	H ^{*2} Two Tone		1-0		P			
	CH2	Chime		Stutter		Alarm Clock						
	CH3 CH4	Stutter Ringing Phone	H	Bell Yelp	Symphony No. 40 Ave Maria				Use CH1-CH6 to			
	CH5 Stutter + Bell Ra CH6 Synthesized Melody Mel			Rapid Hi-Lo	In	verted Revellie	Rapid Hi-	Lo	select sounds 1-32 for Binary Mode			
				Melody Chime								
	CH7	CH7 Synthesized Piano Synthes CH8 Synthesized Bell Synthe			ized Piano Mary's Lamb sized Bell Camptown Races							
Mounting Direction		ndoor: Any Direc	tior	n (Upright only	whe	en exposed	to water).	Oı	ıtdoor: Upright Only			
Protection Rating	-	114001.7419 21100				Jpright Only			Accord Opingine Only			
	†	45m/s ²				9.6m/s ²	,		19.6m/s ²			
Vibration Resistance			. Ra	ack and Forth:2			::2h: Un a	nd I				
Insulation Resistance	†			$M\Omega$ at 500VDC	_							
		500V AC				00V AC			1500V AC			
Withstand Voltage			nin	between termi			is without	bre	aking insulation			
Mass	\vdash	.35kg				.53kg	Without	010	.53kg			
TVI CO		.cong				.oong			.oong			
	F	3K - 1	2	1 1 -		. 1						
	_			T 六		ب						
			1	1		1						
						7						
		Rated Vol				Panel Color						
		24 : 12 - 100: 100				J∶Light G K∶Dark Gra						
		220: 220°				n Dark Gra	ay					
				E: E Ty								
*1 Factory Default Settings (Group A)*2 Sounds can be freely arranged usin	nd an Cr	Card (Pacamanda	۰4۰ د	SD\/_128D sold son	arat	alv)						
 The product complies with the RoH 	IŠ Direct	tive. (DIRECTIVE 200)2/9	5/EC)								
 This product conforms to the CE re 	quireme	ents and shows the C	E Ma	arking. (24 V Type	Only	y)						
No. BKE-APDFB-en	$oxed{oxed}$											

PATLITE Corporation