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SPECIFICATIONS

[Canaral Canaificational											
[General Specifications] Product Nam			Audible Alerm								
Model	e .	Audible Alarm									
Rated Voltag		BD-24A□-□ 12-24V DC									
Operating Voltage		12-24V DC 10.8-26.4V DC									
Rated Power	Standby										
Consumption	Max.	0.5W 4.0W									
Consumption	IVIAX.	4.0vv 1.0A or less (at 12V DC)									
Inrush Currer	nt .										
illiusii Guilei	IL .	2.5A or less (at 24V DC) 2.5A or less (at 26.4V DC)									
Sound Pressure	ا میما	Max.: 90 dB or more (with adjustable volume)									
		Upright position from the Front Surface at a distance of 1m									
	onmental	Volume at a maxmum and "Rapid Hi-Lo" alarm played									
Cor	ndition										
Input method	1	*The sound pressure level may be lower depending on the tone color, usage environment. Level hold input (Sound is played while COM terminal and CH terminal are short-circuited.)									
CH Input	<u>, </u>	Level fiold input (Sound is pie	Bit input	Terminal are short-circuited.)							
Number of Char	nels		4 channels								
Starting Time		Operation by CH signal: 1	70ms or less, Operation by turni	ng on the nower: 1s or less							
Priority Order for the		Operation by Orr signal. 1	CH4>CH3>CH2>CH1	ng on the power. Is or less							
Operating Ambient Te			- 20°C to +55 °C								
Operating Ambient I		- 20°C to +55°C RH 85% or lower (no condensation)									
Mounting Local	•	Indoors									
Wodning Lood		Upright	Sideways	Inverted							
Mounting Direc	tion	HANTLINGS	PROTECTION OF THE PROTECTION O								
Protection Rat	ing	IP54(IEC 60529)									
	ntal Condition	Upright Installation, Front Surface Only									
Insulation Resist	ance	More than $1M\Omega$ at 500V DC between the terminals and the chassis									
Withstand Volta		500V AC applied for 1min between terminals and chassis without breaking insulation									
Vibration Resista		19.6m/s² (IEC 60068-2-6)									
Mass (Tolerance :	±10%)	160g									
Outer Dimension	ons	Refer to the Outer Dimension Drawing									
Conformity Stand	dards	EMC Directive (EN 61000-6-4, EN 61000-6-2) RoHS Directive (EN IEC 63000) FCC Part15 SubpartB Class A UL 464, CSA-C22.2 No. 205-M1983									
Remarks		UL Recognized Component (File No.S24210) Conforms to the CE requirements									
Model		BD — <u>24</u> ■ Normal-rated 24 : 12-24V DC		☐ Color of body front J:Light Gray K:Dark Gray							

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	Sound List														
	04 B /-l:-1:		07	0 11	·' I D'	40		_	_		ı. Lo	-	10 .	04 0	
	01 Beep (slow intermitte		07		sized Piano	13	Fur Elise	_	19	,	_		naryllis		andfather's Clock
	02 Stutter (rapid intermitte		80	,	esized Bell	14	Maiden's Praye		20	The camptown Race			ony No.40	32	Ave Maria
Type A	03 Bell (clear highpitch				er + Bell d Melody Chime	15 16	Minuet	_	21	Cuckoo	2		Lakeside		
	704 Yelp (rapid sirRapid Hi-Lo	,	10 11		hime	17	Annie Laurie London bridge is falling of	_	22 23	Blacksmith in the village On the Avignon bridge	_	_	in musician e De Amour		
	05 Rapid Hi-Lo 06 Melody Chin		12		all sign	18	Holdiridia	_	23 24	Daydream Believer	_		rouchka		
	01 Beep (slow intermitte		07		sized Piano	13			24 19		2	·	t to Miss a Thing	21	masugu Kisu Mi
	02 Stutter (rapid intermitte		08		esized Bell	14	Top of the Wor	_	20	Rara Sanshain	2		ano Mukou	32	Haruyo Koi
	03 Bell (clear highpitch				er + Bell	15	The Entertaine	_	21	Uchuusenkan Yamat			a Katsu	32	riardyo Noi
Type C	04 Yelp (rapid sir	,			d Melody Chime		Amazing Grac		22	Oshiete	28	_	Truth		
	05 Rapid Hi-Lo	_	11		hime	17	Amairono Kamino Ot		23	Makenaide	29		tsudaze		
	06 Melody Chin		12		all sign	18	Les Champs-Elys	-	24	Gonna Fly Now(Theme for "Rock	_		Ponpokorin		
	01 Beep (slow intermittent horn)				sized Piano	13	Oribiao Kikinaga		19		2		genlied	31 Wh	en the Saints Go Marching In
	02 Stutter (rapid intermitte		07 08		esized Bell	14	A September	_	20	Ні Но	20		Red-nosed Reindeer	-	ondonderry Air
	03 Bell (clear highpitch	,		,		15	Doyoubino Koib	_	21	I've been working on the Railro	_		a Yellow Ribbon	-	
Type D	04 Yelp (rapid sir		10		ıll sign	16	Akino Kehai		22	Bear Song	28		ling Clementine		
	05 Rapid Hi-Le		11		unner	17	Saafu Tengoku Sukii Ten		23		_		ose of Texas		
	06 Melody Chin		12		tte Agetai	18	Iro Howaitoburer	_	24	Konnako Irukana	30		ee Doodle	L	
	01 Beep (slow intermitte		07		sized Piano	13	Train Ride		19	Ringing Phone	2		ie Laurie	31	Ave Maria
	02 Stutter (rapid intermitte	ent horn)	08	Synthe	esized Bell	14	Galloping Hi-Le		20	Two Tone			ge is falling down		andfather's Clock
Tune F	03 Bell (clear highpitch	ed bell)	09		er + Bell	15	Alien Chatter		21	Alarm Clock	2	Mary had	l a little Lamb	_ <u>'</u>	
Type E	04 Yelp (rapid sir	en)	10	Synthesized	d Melody Chime	_	Falling Crystal	s i	22	Ringing Hi-Lo	28	The cam	ptown Races		
	05 Rapid Hi-Lo	0	11	C	hime	17	Inverted Revell	ie	23	Fur Elise	29) An	naryllis		
	06 Melody Chin	ne	12	Ca	all sign	18	Galactic Moto	r	24	Minuet	30) Symph	ony No.40		
							Sound	gr	OΙ	ıns					
			_	- · · · · · ·			Journa	<u> </u>		.pc		T			
	0114	ı		ype A	0110		0114			0111		Type (0.14
group	CH1		CH		CH3		CH4	gro	_	CH1		CH2	CH3		CH4
A ※1	Beep (slow intermittent horn)		•	termittent horn)	Bell (clear highpitched		Yelp (rapid siren)	A >		,		pid intermittent horn)	Bell (clear highpito		Yelp (rapid siren)
В	Rapid Hi-Lo			Chime	Synthesized Pia	ano	Synthesized Bell	В		Rapid Hi-Lo		ody Chime	Synthesized		Synthesized Bell
C D	Stutter + Bell Fur Elise			Melody chime	Chime		Call sign	C D	_			zed Melody Chime	Chime		Call sign Call sign
E	Minuet		aiden's Prayer Annie Laurie		Chime						Top of the World Amazing Grace				Call sign
F	London bridge is falling down				Chime Chime						Les Champs-Elysees				Call sign
G	Mary had a little Lamb		Holdiridia		Chime		Call sign Call sign			Canon	Rara Sanshain		Chime		Call sign
Н	Cuckoo		The camptown Races		Chime			G H		Uchuusenkan Yamato		Oshiete	Chime		Call sign
-:-	On the Avignon bridge		Daydream Believer		Chime		Call sign Call sign					Now(Theme for "Rocky")			Call sign
J	Amaryllis			ny No.40			Call sign	J				rano Mukou			Call sign
K	Silent Lakeside	, ,		musician	Chime			K		Aiwa Katsu			Chime		Call sign
L	Romance De Amour			uchka	Chime Call sign		L			Truth Odoru Ponpokorir				Call sign	
М	Grandfather's Clock			Maria	Chime		Call sign	M		Imasugu Kisu Mi		ruyo Koi			Call sign
N	Holdiridia			musician	Stutter + Be	·II	Synthesized Melody chime	N		Les Champs-Elysees	Truth		Stutter + Bell		Synthesized Melody Chime
0				De Amour	Stutter + Be		Synthesized Melody chime			Canon	Gattsudaze				Synthesized Melody Chime
P ※2	The camptown Races		Cuc	koo	Petrouchka	1	Grandfather's Clock	P >	K 2		Uchuu	senkan Yamato	Odoru Ponp	okorin	Imasugu Kisu Mi
			T	ype D								Type I			
group	CH1		CH	• •	CH3		CH4	gro	up	CH1		CH2	CH3		CH4
A ×1	Beep (slow intermittent horn)	Stutter (ra	pid in	termittent horn)	Bell (clear highpitched	bell)	Yelp (rapid siren)	Ä>	_		Stutter (ra	pid intermittent horn)	Bell (clear highpito	ched bell)	Yelp (rapid siren)
В	Rapid Hi-Lo	Mel	ody	Chime	Synthesized Pia	ano	Synthesized Bell	В	3	Rapid Hi-Lo	Melo	ody Chime	Synthesized	Piano	Synthesized Bell
С	Runner	Man	notte	e Agetai	Chime		Call sign	С	;	Stutter + Bell	Synthes	zed Melody Chime	Chime		Call sign
D	Oribiao Kikinagara	A S	Sept	ember	Chime		Call sign	D				ping Hi-Lo	Chime		Call sign
Е	Doyoubino Koibito			Kehai	Chime		Call sign	Е			Falli	ng Crystals	Chime		Call sign
F	Saafu Tengoku Sukii Tengoku	Iro Ho	wait	oburendo	Chime		Call sign	F		Inverted Revellie		ctic Motor	Chime		Call sign
G	Hi Ho			Song	Chime		Call sign	G	_	Ringing Phone		vo Tone	Chime		Call sign
Н	Konnako Irukana			-nosed Reindeer	Chime		Call sign	H		Alarm Clock		ging Hi-Lo	Chime		Call sign
<u> </u>	Oh My Darling Clementine			Doodle	Chime		Call sign	_ I		Fur Elise		Minuet	Chime		Call sign
J	Runner			e Agetai	Oribiao Kikinag		A September	J				ridge is falling down	Chime		Call sign
K	Doyoubino Koibito	Ak		Kehai	Saafu Tengoku Sukii Ten		Iro Howaitoburendo	K		•		mptown Races	Chime		Call sign
L	Happy Birthday	1/	HIH		I've been working on the Ra		Bear Song	L	_			hony No.40	Chime		Call sign
M	Toys Go Cha Cha Cha			Irukana	Wiegenlied	_	Rudolph the Red-nosed Reindeer	M				father's Clock	Chime		Call sign
N	She Wore a Yellow Ribbon			g Clementine	Yellow Rose of Te	exas	Yankee Doodle	N				ridge is falling down	Chime		Call sign
0 P ※ 2	When the Saints Go Marching In Hi Ho			derry Air on the Railroad	Runner	41~	Mamotte Agetai When the Saints Go Marching In	0 R %		Annie Laurie		Minuet rm Clock	Chime		Call sign
					Yankee Dood	лe		Γ 2	Ζ	Two Tone	Alé	IIII GIUCK	Symphony I	vU.4U	Ave Maria
×.	 Factory default set 	ung(gro	Jup/	٦)											

 $[\]begin{tabular}{ll} $\%2$ Sounds can be chosen from the sound list and combine freely using an SD card (Type: SDV-2GP Sold separately) \\ \end{tabular}$

