

BD-A



-J (Light gray)



-K (Dark gray)

The BD Series features an embedded mounting design and comes pre-loaded with 32 built-in sounds with a 90dB sound output.

- Front switch and volume control access
- 32 built-in standard alarm sound options
- Up to 90dB sound output at 1m
- IP54 rating for dust and water resistance
- NPN compatible



Table of tones

32 Built-in Tones. Every unit has 32 tones built-in.
Four built-in variations include BD-AA, BD-AC, BD-AD and BD-AE.

Type A

Beep	Stutter	Bell	Yelp
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Stutter & Bell	Synthesized Melody	Chime	Call Sign
Fur Elise	A Maiden's Prayer	Minuet in Gmjr	Annie Laurie
London bridge is falling down	Holdiridia	Mary had a little Lamb	Camptown Races
Cuckoo Song	Village Blacksmith	On the Avignon Bridge	Daydream Believer
Amaryllis	Mozart Symphony No.40	Quiet Lakeside	Mountain Musician
Spanish Romance	Katyusha	Grandfather's Clock	Ave Maria

Type C

Beep	Stutter	Bell	Yelp
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Stutter & Bell	Synthesized Melody	Chime	Call Sign
Can't take my eyes off of You	Top of the World	The Entertainer	Amazing Grace
Maiden with the flaxen hair	Aux Champs-Elysees	Canon	La-la Sunshine
Space Battleship Yamato	Oshiete	Makenai de	Theme Song
I Don't Want to Miss a Thing	Yozora no Mukou	Ai wa Katsu	Truth
Guts Daze!!	Odoru Ponpokorin	Ima sugu Kiss Me	Haru yo, Koi

Type D

Beep	Stutter	Bell	Yelp
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Chime	Call Sign	Runner	Mamotte Agetai
While listening to Olivia	September	Douyobi no Koibito	Aki no Kihai
Surf Tengoku, Ski Tengoku	Iro, White Blend	Happy Birthday	Hi Ho
I've been working on the Railroad	The Bear Song	Toys Go Cha-Cha-Cha	Konnako Irukana
Shubert's Lullaby	Rudolph the Red-nosed Reindeer	She Wore a Yellow Ribbon	My Darling Clementine
Yellow Rose of Texas	Yankee Doodle	When the Saints Go Marching In	Londonderry Aire

Type E

Beep	Stutter	Bell	Yelp
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Stutter & Bell	Synthesized Melody	Chime	Call Sign
Bee-boh sound	Galloping Hi-Lo	Alien Chatter	Falling Crystals
Inverted Reveille x3	Galactic Motor	Ringling Phone	Two Tone
Alarm Clock	Ringling Hi-Lo	Fur Elise	Minuet in Gmjr
Annie Laurie	London bridge is falling down	Mary had a little Lamb	Camptown Races
Amaryllis	Mozart Symphony No.40	Ave Maria	Grandfather's Clock

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- 4-sound playback (see instruction manual for 4 sound grouping)
- Alarm tones are denoted in characters for convenience' sake. Please inquire about actual tones or check our website for more details.

Specification

Model	Rated Voltage	Operating Voltage Range	Maximum Power Consumption	Sound Pressure Level	Operating Temperature Range	Contact Input Method	Playback Channel	Protection Rating	Mass
BD-24AA-J/-K BD-24AC-J/-K BD-24AD-J/-K BD-24AE-J/-K	12-24V DC	10.8 - 26.4V DC	4W	Maximum 90 dB (at 1m)*	-20°C to +55°C (humidity 85% or less)	1 bit input	4	IP54 (Mount on forward-facing panel) Front only	160g
BD-100AA-J/-K BD-100AC-J/-K BD-100AD-K BD-100AE-J	100/220V AC	100V AC±10% 220V AC±10%	5W						180g

*The sound pressure level changes based on tone, use environment, and working voltage.