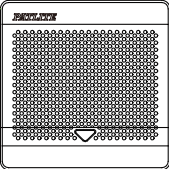
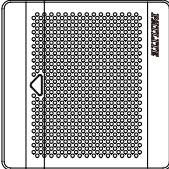
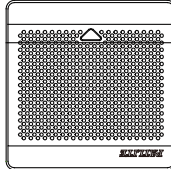


SPECIFICATIONS

Model	BKV-31JF	BKV-31KF	BKV-31QF
Rated Voltage	12 - 24V DC	100V AC (50/60Hz)	220V AC (50/60Hz)
Operating Voltage Range	10.8V to 26.4V DC	100V ±10% AC	220V ±10% AC
Power Consumption	Max 9W	Max 10W	Max 10W
Operating Temperature Range	-10°C to +50°C		
(Relative Humidity)	85% RH or less (No Condensation)		
Sound Pressure Level	Max. 95 dB: Condition for determination: Placed the product on a 300mm x 300mm plate, and measure the level with the 1kHz sine wave placed at a distance of 1m from the front panel of the product and directly in front of it. * The sound pressure level may be lower depending on the sound, its environment, and the supplied voltage regulation.		
Volume Control	Adjustable Range: Minimum to Maximum Sound Reduction Input: -15dB in Sound Reduction Mode		
Voice File	MPEG1-Audio Layer III (MP3) Standard bit rate: 64kbit/s, Fs=44.1kHz		
Maximum Playback Time	Maximum playback 63sec (At the standard bit rate)		
Internal Memory Size	504KB(Total of MP3 data)		
Voice Rewrite Interface	SD Card (SDV-128 Recommended, sold separately)		
File Format	FAT16		
Signal Input Method	Pulse Input of 100ms or more		
Channel Input Selection	Bit Input Mode (Select Group A, C, E, G); Binary Input Mode (Select Group B, D, F, H)		
Number of Playback Messages	Bit Input: 5 / Binary Input: 31		
Audio Startup Time	Signal Line Startup: 300ms or less: Power Supply Startup: 500ms or less		
Channel Priority	STOP>CH5>CH4>CH3>CH2>CH1 (For Bit Input Mode)		
Output Line	Max. 40V DC 500mA ("ON" during voice playback)		
Mounting Direction	Indoor: Any Direction (Upright only when exposed to water); Outdoor: Upright Only		
	 Upright	 Sideways	 Upside-down
Protection Rating	IP54 (Upright Only)		
Vibration Resistance	Upright: 45.0m/s ²	Upright: 19.6m/s ²	
	30Hz, Back and Forth:2h; Right to Left:2h; Up and Down:2h		
Insulation Resistance	More than 1MΩ at 500VDC between the terminals and the chassis		
Withstand Voltage	500V AC	1000V AC	1500V AC
	applied for 1min between terminals and chassis without breaking insulation		
Mass (Tolerance ±10%)	.35kg	0.53kg	0.53kg
No. BKV-.F-APDFA-en			

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SPECIFICATIONS

Playmode (Operation Mode Switch Settings)	
Factory Default: Group A (When message registration is up to 4)/ Group B (When message registration is 5 or more)	
A	CH Input: CH1 to CH5 Playback Messages: 5
Bit Input Mode	When signal wires from CH1 to CH5 are short-circuited to the common wire, the message of the selected channel will play back.
B	CH Input: CH1 to CH5 Playback Messages: 31
Binary Input Mode	When signal wires from CH1 to CH5 are short-circuited to the common wire, the message corresponding to the binary input conversion table will be played back.
C	CH Input: CH1 to CH4 Playback Messages: 4
Bit Input -Sound Reduction Mode	CH1 to 4 corresponds to the Bit Inputs and CH5 reduces the volume by -15dB. (CH5 has no input priority.) When multiple messages are entered during playback, the message will be reduced when a signal is on CH5. In some cases, the next message will be reduced by -15dB during playback.
D	CH Input: CH1 to CH4 Playback Messages: 15
Binary Input -Sound Reduction Mode	CH1 to 4 corresponds to the Bit Inputs and CH5 reduces the volume by -15dB. (CH5 has no input priority.) When multiple messages (corresponding to the binary input) are entered during playback, the message will be reduced when a signal is on CH5. In some cases, the next message will be reduced by -15dB during playback.
E	CH Input: CH1 to CH5 Playback Messages: 5
Bit Input -Priority Input Mode	When one of the signal wires between CH1 to CH5 are entered for a bit input and an input message is entered during message playback, the message will interrupt the message being played. Even if the input is held down, the message playback will be reproduced only once, and there is no priority input order
F	CH Input: CH1 to CH5 Playback Messages: 31
Binary Input -Priority Input Mode	When one of the signal wires between CH1 to CH5 are entered for a binary input and an input message is entered during message playback, the message will interrupt the message being played. Even if the input is held down, the message playback will be reproduced only once, and there is no priority input order
G	CH Input: CH1 to CH5 Playback Messages: 5
Bit Input - Hold Playback Mode	When the signal wires from CH1 to CH5 for a bit input are held when short-circuited to the common wire, the message will repeat until the signal wire is removed from common. Once the input is lost, the playback will stop.
H	CH Input: CH1 to CH5 Playback Messages: 31
Binary Input - Hold Playback Mode	When the signal wires from CH1 to CH5 for a binary input are held when short-circuited to the common wire, the message will repeat until the signal wire is removed from common. Once the input is lost, the playback will stop.
I to P	CH Input: CH1 Playback Messages: 1
Test Mode	Message from CH1 continues being played back. Any other CH inputs are ignored during test playback.
Notes	
<ul style="list-style-type: none"> • This product complies with the RoHS Directive (DIRECTIVE 2002/95/EC). • Type BKV-31JF-J conforms to the CE requirements and shows the CE Marking. 	
<p style="font-size: 2em; margin: 0;">BKV - 31 J F - J</p> <div style="display: flex; justify-content: center; gap: 20px; margin-top: 10px;"> <div style="text-align: center;"> <p>■ Rated Voltage</p> <p>J: 12-24V DC</p> <p>K: 100V AC</p> <p>Q: 220V AC</p> </div> <div style="text-align: center;"> <p>■ Body Color</p> <p>J : Ivory White</p> <p>K : Dark Gray</p> </div> </div>	
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