

# Specifications

RT

Input Voltage	Options		AC/DC24V		AC120V		
	Rated Voltage		AC/DC24V (50-60 Hz)		AC120V (50-60 Hz)		
	Operating Voltage		AC/DC21V – 27V		AC110V – 130V		
Operating Temperature Range	RT-K, RT-L		-20°C ~ +50°C				
	RT-V		-10°C ~ +55°C				
Relative Humidity	Less than 85% (no condensation)						
Rotation Speed	RT-K		120 + or – 30 RPM		120 + or – 30 RPM		
	RT-L		135 + or – 20 RPM		120 + or – 20 RPM		
	RT-V		140 + or – 30 RPM		140 + or – 30 RPM		
Sound Level	Max: 105 + or – 4dB (at 1m, 1kHz sine wave)						
Mounting Location Options	Indoor or Outdoor						
Mounting Direction Options	Upright only						
Protection Rating	IP-65						
Vibration	19.6m/s <sup>2</sup> (30Hz) (2 hours each: front-back, right-left, up-down)						
Insulation Resistance	More than 1 Megohm between terminals and chassis at DC500V						
Withstand Voltage (AC/DC24V)	AC500V applied between terminals and chassis for 1 minute without breaking insulation						
Withstand Voltage (AC120V)	AC1000V applied between terminals and chassis for 1 minute without breaking insulation						
Luminous Intensity (cd = candela)	Red	Amber	Green	Blue			
	1400cd	4000cd	1500cd	500cd			
Input Voltage			AC/DC24V		AC120V		
Bulb			24V, 30W (G18 / BA15S)		12V, 15W ( G18 / BA15S)		
Total Power Consumption	K, L Style		AC: 33W; DC: 25W		32W		
	V Style		36W		30W		
I <sub>S</sub> = current capacity; V <sub>S</sub> = withstand voltage; V <sub>C</sub> = dielectric breakdown voltage; I <sub>L</sub> = leakage current							
Contact Capacity (signal wires)	I <sub>S</sub> >= 50mA; V <sub>S</sub> >= AC45V						
Leakage Current	I <sub>L</sub> = 1mA or less						
Fuse (not included)	5A						
Sound Description: Pre- recorded Styles	Channel	Wire Color	KA	LF	LQ	LS	
	1	Sky Blue	Beep	Fur Elise	Mary Had a Little Lamb	Amaryllis	
	2	Yellow	Stutter	Maiden's Prayer	Camptown Races	Symphony #40	
	3	Pink	Bell	Minuet	Cuckoo	Silent Lakeside	
	4	Light Green	Yelp	Annie Laurie	Blacksmith in the Village	Mountain Musician	
	5	Purple	Rapid Hi-Lo	London Bridge	On the Avignon Bridge	Romance de Amour	
	6	Orange	Melody Chime	Holdiridia	Romance de Amour	Petrouchka	
	7	Green	Synthesized Piano	Chime			
	8	Blue	Synthesized Bell	Call Sign			
		Red	Light				
	Signal Initiation	Contact closure plays selected channel until contact is open					
Sound Description: Voice Recorded Style	Channel	Wire Color	V	Recording Time	Audio Digitizing	Audio Storage	
	1	Sky Blue	Message No. 1	64 seconds total for up to 4 messages	ADPCM (Adaptive Differential Pulse Code Modulation)	4MB EPROM	
	2	Yellow	Message No. 2				
	3	Pink	Message No. 3				
	4	Light Green	Message No. 4				
		Red	Light				
		Blue	Stop				
	Signal Initiation	One-shot closure (>100mS, but less than the message time) replays selected channel one time only. Message repeats if contact closure is longer than the message time.					