
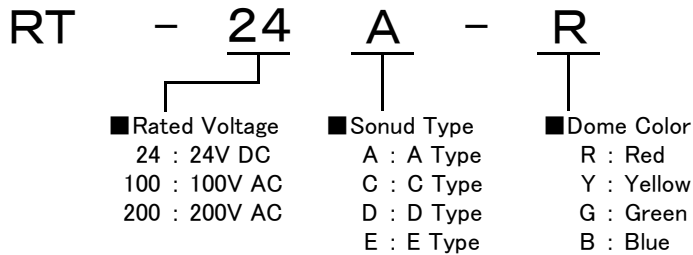


# Specifications

MODEL	RT-24□-□	RT-100□-□	RT-200□-□
Rated Voltage	24V DC	100V AC (50/60Hz)	200V AC (50/60Hz)
Operating Voltage Range	21~27V DC	90~110V AC	180~240V AC
Rated Power Consumption	Max.24W	Max.32W	Max.30W
Sound Pressure Level	105dB or more Condition for determination: Fit the product on the plate of □300mm, and measure the level with the sound 5."Rapid Hi-Lo" at the distance of 1m from the center the product, in the front direction. ※The sound pressure level may be lower depending on the Sound, usage environment, and supplied voltage.		
Volume	adjustable : Min~Max		
Input Method	Level Hold Input (Sound is played when the CH wire is short-circuited to the COM wire)		
Channel Input	Bit Input (When Sound Group "A" to "G" is selected) Binary Input (When Sound Group "H" is Selected)		
Number of Channels	Bit Input : 8 / Binary Input : 32		
Starting Time	300ms or less (Operation done by both CH signal input or direct power input)		
Channel Input Priority	CH8(Blue) > CH7(Green) > CH6(Orange) > CH5(Purple) > CH4(Light Green) > CH3(Pink) > CH2(Yellow) > CH1(Sky Blue)		
Test Play	 CH1 plays when Select Switch 4 is turned on.		
Flashing Rate	115±30 Flashes Per Minute	105±30 Flashes Per Minute	95±30 Flashes Per Minute
Bulb	24V 20W (G18/BA15S)      12V 15W (G18/BA15S)		
Luminous Intensity (No Globe)	7,500cd	10,000cd	
Operating Ambient Temperature	-20°C~50°C		
Operating Ambient Humidity	Less than 85%RH (No Condensation)		
Mounting Direction	Upright		
Mounting Location	Indoors / Outdoors		
Protection Rating	IP23		
Insulation Resistance	More than 1MΩ at 500VDC between the terminals and the chassis		
Withstand Voltage	Applied for 1min between terminals and chassis without breaking insulation		
	500V AC	1000V AC	1500V AC
Vibration Resistance	19.6m/s <sup>2</sup> 30Hz, Back and forth 2h·Right and Left 2h·Up and down 4h		
Mass (Tolerance±10%)	2.0kg	2.5kg	

Model Number Configuration



RT-24A-W18G-1.3

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# Specifications

## Sound List

		Atype		Ctype		Dtype		Etype			
01	Beep (slow intermittent horn)	07	Synthesized Piano	13	Fur Elise	19	Mary had a little Lamb	25	Amaryllis	31	Grandfather's Clock
02	Stutter (rapid intermittent horn)	08	Synthesized Bell	14	Maiden's Prayer	20	The camptown Races	26	Symphony No.40	32	Ave Maria
03	Bell (clear highpitched bell)	09	Stutter + Bell	15	Minuet	21	Cuckoo	27	Silent Lakeside		
04	Yelp (rapid siren)	10	Synthesized Melody Chime	16	Annie Laurie	22	Blacksmith in the village	28	Mountain musician		
05	Rapid Hi-Lo	11	Chime	17	London bridge is falling down	23	On the Avignon bridge	29	Romance De Amour		
06	Melody Chime	12	Call sign	18	Holdiridia	24	Daydream Believer	30	Petrouchka		
01	Beep (slow intermittent horn)	07	Synthesized Piano	13	Can't Take My Eyes off of You	19	Canon	25	I Don't Want to Miss a Thing	31	Imasugu Kisu Mi
02	Stutter (rapid intermittent horn)	08	Synthesized Bell	14	Top of the World	20	Rara Sanshain	26	Yozorano Mukou	32	Haruyo Koi
03	Bell (clear highpitched bell)	09	Stutter + Bell	15	The Entertainer	21	Uchuusenkan Yamato	27	Aiwa Katsu		
04	Yelp (rapid siren)	10	Synthesized Melody Chime	16	Amazing Grace	22	Oshiete	28	Truth		
05	Rapid Hi-Lo	11	Chime	17	Amairono Kamino Otome	23	Makenaide	29	Gattsudaze		
06	Melody Chime	12	Call sign	18	Les Champs-Elysees	24	Gonna Fly Now(Theme for "Rocky")	30	Odoru Ponpokorin		
01	Beep (slow intermittent horn)	07	Synthesized Piano	13	Oribiao Kikinagara	19	Happy Birthday	25	Wiegenlied	31	When the Saints Go Marching In
02	Stutter (rapid intermittent horn)	08	Synthesized Bell	14	A September	20	Hi Ho	26	Rudolph the Red-nosed Reindeer	32	Londonderry Air
03	Bell (clear highpitched bell)	09	Chime	15	Doyoubino Koibito	21	I've been working on the Railroad	27	She Wore a Yellow Ribbon		
04	Yelp (rapid siren)	10	Call sign	16	Akino Kehai	22	Bear Song	28	Oh My Darling Clementine		
05	Rapid Hi-Lo	11	Runner	17	Saafu Tengoku Sukii Tengoku	23	Toys Go Cha Cha Cha	29	Yellow Rose of Texas		
06	Melody Chime	12	Mamotte Agetai	18	Iro Howaitoburendo	24	Konnako Irukana	30	Yankee Doodle		
01	Beep (slow intermittent horn)	07	Synthesized Piano	13	Train Ride	19	Ringin Phone	25	Annie Laurie	31	Ave Maria
02	Stutter (rapid intermittent horn)	08	Synthesized Bell	14	Galloping Hi-Lo	20	Two Tone	26	London bridge is falling down	32	Grandfather's Clock
03	Bell (clear highpitched bell)	09	Stutter + Bell	15	Alien Chatter	21	Alarm Clock	27	Mary had a little Lamb		
04	Yelp (rapid siren)	10	Synthesized Melody Chime	16	Falling Crystals	22	Ringin Hi-Lo	28	The camptown Races		
05	Rapid Hi-Lo	11	Chime	17	Inverted Revellie	23	Fur Elise	29	Amaryllis		
06	Melody Chime	12	Call sign	18	Galactic Motor	24	Minuet	30	Symphony No.40		

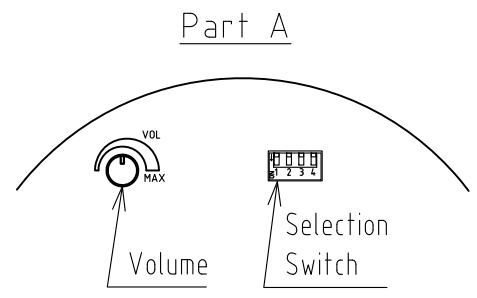
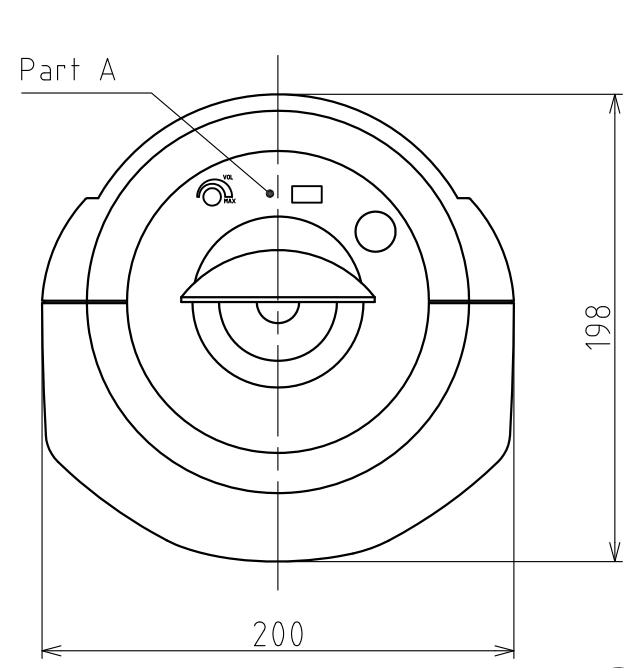
## Sound groups

Sound types/CH	Groups								
	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	
Atype	CH1	Fur Elise	Mary had a little Lamb	Amaryllis	Grandfather's Clock	Romance De Amour	Mary had a little Lamb	Beep (slow intermittent horn)	Binary mode  Sound 1-32 can be selected by using CH1- CH6
	CH2	Maiden's Prayer	The camptown Races	Symphony No.40	Ave Maria	The camptown Races	Symphony No.40	Stutter (rapid intermittent horn)	
	CH3	Minuet	Cuckoo	Silent Lakeside	Daydream Believer	Minuet	Holdiridia	Bell (clear highpitched bell)	
	CH4	Annie Laurie	Blacksmith in the village	Mountain musician	London bridge is falling down	Ave Maria	Daydream Believer	Yelp (rapid siren)	
	CH5	London bridge is falling down	On the Avignon bridge	Romance De Amour	Bell (clear highpitched bell)	Stutter + Bell	Rapid Hi-Lo	Rapid Hi-Lo	
	CH6	Holdiridia	Daydream Believer	Petrouchka	Yelp (rapid siren)	Synthesized Melody Chime	Melody Chime	Melody Chime	
	CH7	Chime	Chime	Chime	Synthesized Piano	Synthesized Piano	Synthesized Piano	Synthesized Piano	
	CH8	Call sign	Call sign	Call sign	Synthesized Bell	Synthesized Bell	Synthesized Bell	Synthesized Bell	
Ctype	CH1	Can't Take My Eyes off of You	Canon	I Don't Want to Miss a Thing	Imasugu Kisu Mi	Amairono Kamino Otome	Beep (slow intermittent horn)	Odoru Ponpokorin	Binary mode  Sound 1-32 can be selected by using CH1- CH6
	CH2	Top of the World	Rara Sanshain	Yozorano Mukou	Haruyo Koi	Makenaide	Stutter (rapid intermittent horn)	Aiwa Katsu	
	CH3	The Entertainer	Uchuusenkan Yamato	Aiwa Katsu	Uchuusenkan Yamato	Gattsudaze	Stutter + Bell	Truth	
	CH4	Amazing Grace	Oshiete	Truth	Rara Sanshain	Top of the World	Synthesized Melody Chime	Les Champs-Elysees	
	CH5	Amairono Kamino Otome	Makenaide	Gattsudaze	Can't Take My Eyes off of You	Canon	Synthesized Piano	Amazing Grace	
	CH6	Les Champs-Elysees	Gonna Fly Now(Theme for "Rocky")	Odoru Ponpokorin	Gonna Fly Now(Theme for "Rocky")	Haruyo Koi	Synthesized Bell	Yozorano Mukou	
	CH7	Chime	Chime	Chime	Chime	Chime	Chime	Chime	
	CH8	Call sign	Call sign	Call sign	Call sign	Call sign	Call sign	Call sign	
Dtype	CH1	Runner	HAPPY BIRTHDAY	She Wore a Yellow Ribbon	Yellow Rose of Texas	Runner	Saafu Tengoku Sukii Tengoku	Doyoubino Koibito	Binary mode  Sound 1-32 can be selected by using CH1- CH6
	CH2	Mamotte Agetai	Hi Ho	Oh My Darling Clementine	Yankee Doodle	Iro Howaitoburendo	Konnako Irukana	I've been working on the Railroad	
	CH3	Oribiao Kikinagara	I've been working on the Railroad	Yellow Rose of Texas	When the Saints Go Marching In	Wiegenlied	Oribiao Kikinagara	She Wore a Yellow Ribbon	
	CH4	A September	Bear Song	Yankee Doodle	Londonderry Air	Hi Ho	Rudolph the Red-nosed Reindeer	Yankee Doodle	
	CH5	Doyoubino Koibito	Toys Go Cha Cha Cha	When the Saints Go Marching In	Beep (slow intermittent horn)	Bell (clear highpitched bell)	Rapid Hi-Lo	Synthesized Piano	
	CH6	Akino Kehai	Konnako Irukana	Londonderry Air	Stutter (rapid intermittent horn)	Yelp (rapid siren)	Melody Chime	Synthesized Bell	
	CH7	Saafu Tengoku Sukii Tengoku	Wiegenlied	Runner	Chime	Chime	Chime	Chime	
	CH8	Iro Howaitoburendo	Rudolph the Red-nosed Reindeer	Mamotte Agetai	Call sign	Call sign	Call sign	Call sign	
Etype	CH1	Fur Elise	Minuet	Fur Elise	Alien Chatter	Train Ride	Rapid Hi-Lo	Beep (slow intermittent horn)	Binary mode  Sound 1-32 can be selected by using CH1- CH6
	CH2	Minuet	Annie Laurie	London bridge is falling down	Falling Crystals	Galloping Hi-Lo	Chime	Stutter (rapid intermittent horn)	
	CH3	Annie Laurie	Amaryllis	Mary had a little Lamb	Inverted Revellie	Inverted Revellie	Stutter (rapid intermittent horn)	Bell (clear highpitched bell)	
	CH4	London bridge is falling down	Symphony No.40	The camptown Races	Galactic Motor	Galactic Motor	Ringin Phone	Yelp (rapid siren)	
	CH5	Mary had a little Lamb	Grandfather's Clock	Amaryllis	Ringin Phone	Alarm Clock	Stutter + Bell	Rapid Hi-Lo	
	CH6	The camptown Races	Ave Maria	Grandfather's Clock	Two Tone	Ringin Hi-Lo	Synthesized Melody Chime	Melody Chime	
	CH7	Chime	Chime	Chime	Alarm Clock	Synthesized Piano	Synthesized Piano	Synthesized Piano	
	CH8	Call sign	Call sign	Call sign	Ringin Hi-Lo	Synthesized Bell	Synthesized Bell	Synthesized Bell	

\*Factory default setting(groupA)

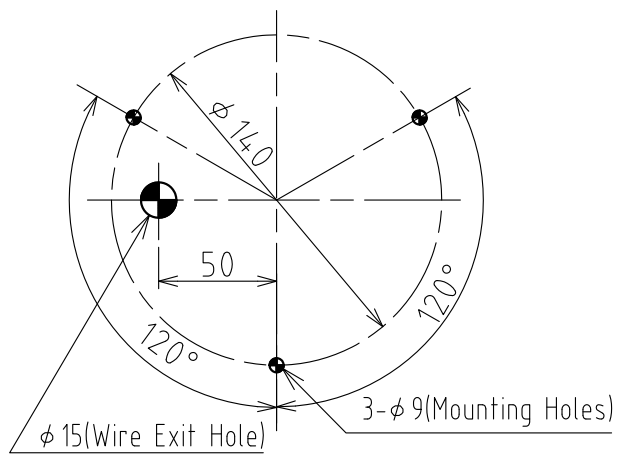
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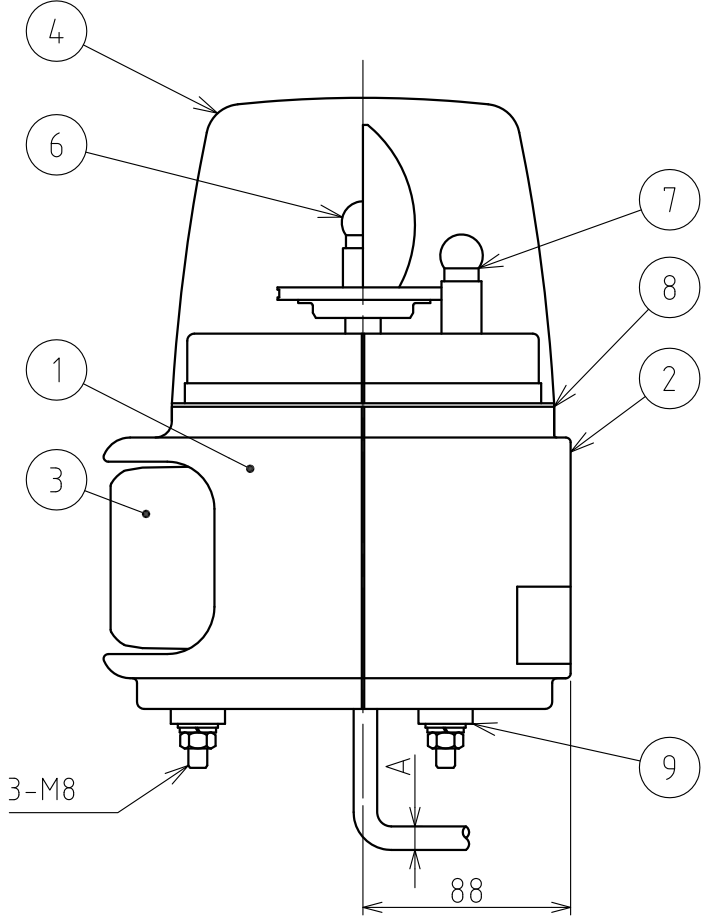
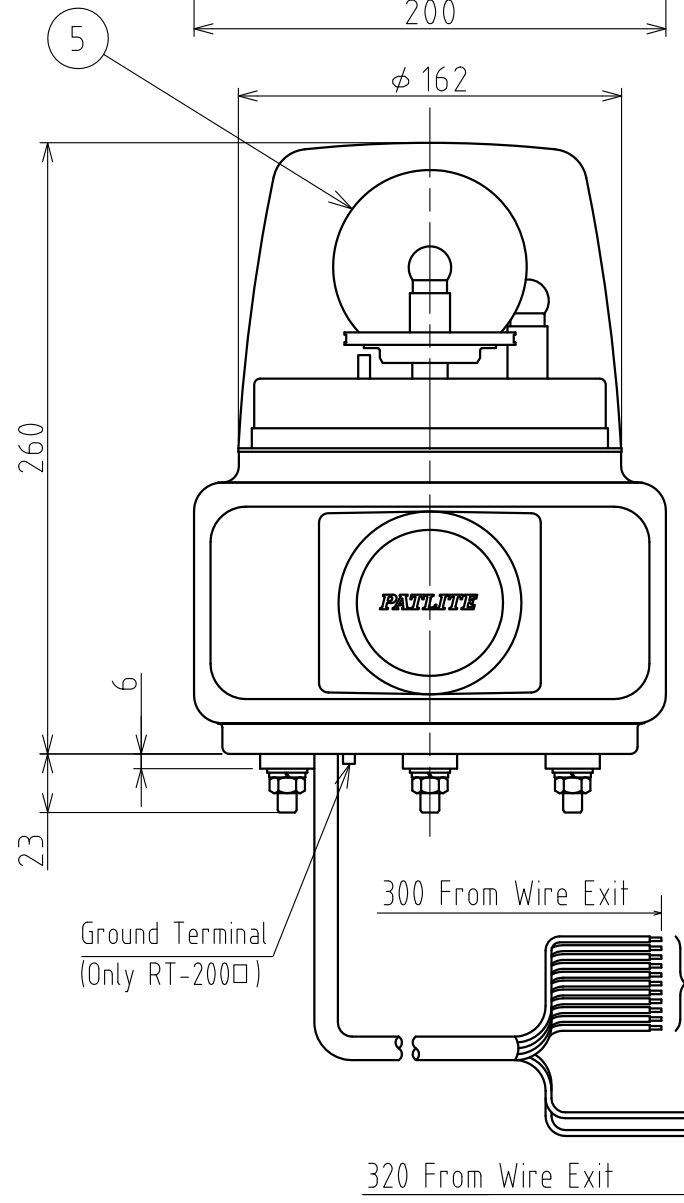


Selection Switch Function Chart

1	Select the Sound Groups of "A" to "H"
2	
3	
4	Test Play



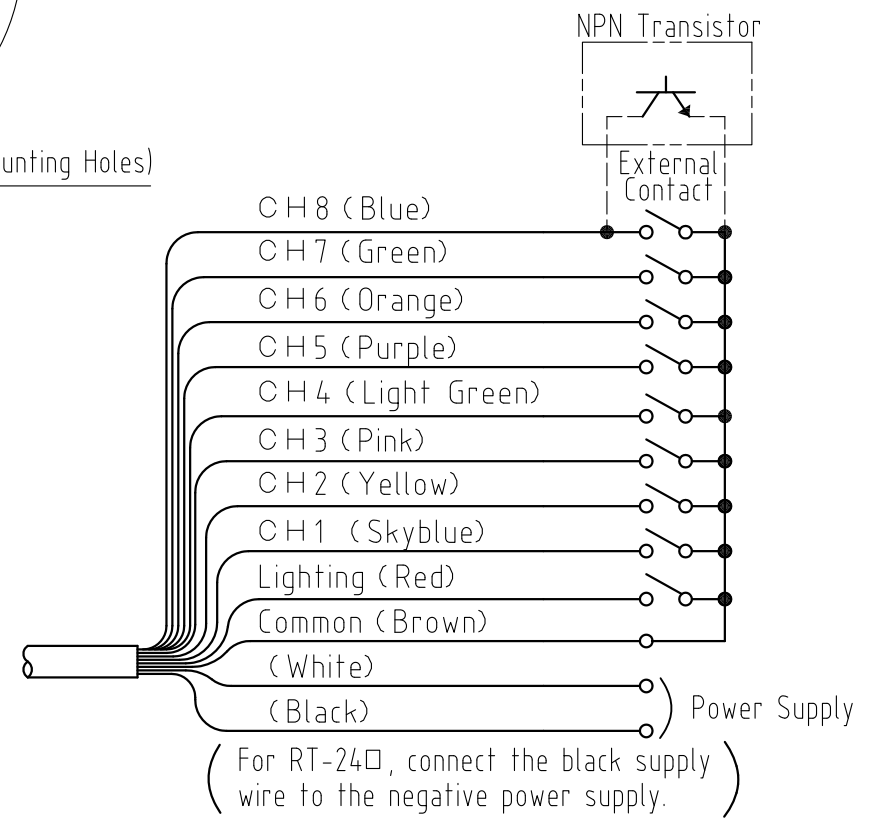
Front Direction Installation Dimensions



Size of Part A

RT-24□	φ 9
RT-100□, 200□	φ 11

□ : A, C, D, E



Wiring Example

9	Cushion Rubbers		3	EPDM (Black)	
8	Gasket		1	EPDM (Black)	
7	Spare Bulb		1	G18/BA15S	
6	Bulb		1	G18/BA15S	
5	Reflector		1	PC	
4	Dome		1	AS	
3	Horn		1	ABS (Light Gray)	
2	Body B		1	ABS (Light Gray)	
1	Body A		1	ABS (Light Gray)	
番号 No.	部品名 Part Name	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks

外観図面  
Outer Dimension Drawing  
株式会社 パトライト  
PATLITE Corporation  
RT-24A-W18G-3\_3