

Signal Tower with Horn/MP3 Voice Annunciator Signal Tower with Horn

LKEH-F□/ FV

Φ100 mm	CE (D.C. Type)	RoHS 10	UL (UL in part no.)	IP53	Indoor/Outdoor Use	Upright Mounting	Ambient Temperature -10°C~+50°C
Red, Amber, Green, Blue, White	Change Number of Tiers	60 fpm	105dB	32 Alarm Sounds	Playback Length 63 seconds	bit / binary 8 / 32 Inputs	bit / binary 5 / 31 Inputs
				F□ model	FV model	F□ model	FV model



Model Number Configuration

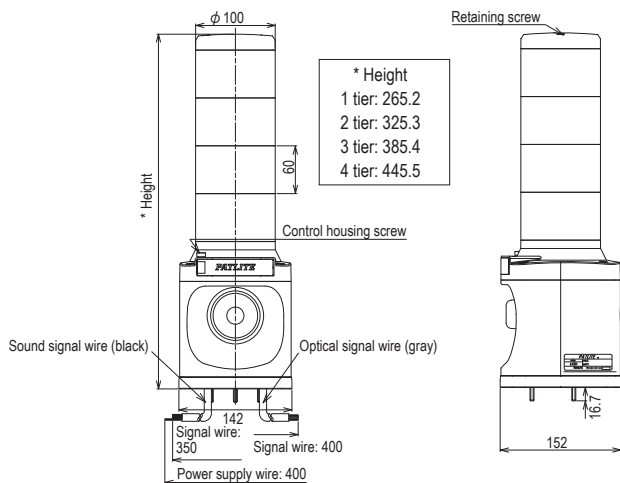
LKEH-402FAUL-RYGB

① ② ③ ④ ⑤

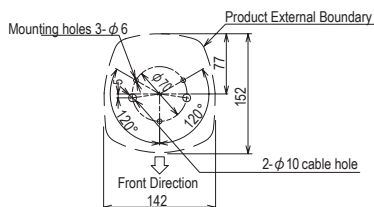
① Number of Tiers 1 = 1 tier 2 = 2 tiers 3 = 3 tiers 4 = 4 tiers	② Rated Voltage 02 = 24V DC 10 = 100V AC 20 = 220V AC	③ Alarm Type* A = Type A C = Type C D = Type D E = Type E V = MP3 Sound File	④ Conformity Standards Blank = Standard model UL = UL model	⑤ Luminous Color R = Red B = Blue Y = Amber C = White G = Green From top to bottom
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* Please refer to the Sound Selection Chart on page 84 for alarm details.

Dimensions (mm)



Installation Dimension Drawings



Other Specifications

Supported Transistors	NPN (custom order: PNP)
Volume Control	Rotating knob
Sound File Format (FV model only)	MP3 data (bit rate: 64 kbps / sample rate: 44.1 kHz)

Optional Parts

For details refer to P. 99 to P. 104

Product Description	Model Number
Wall Mounting bracket with cover	SZ-023
Mounting bracket	SZ-008
SD card (2GB)	SDV-2GP

Replacement Parts

Product Description	Part Number
Red LED unit	B72100151-1F1
Amber LED unit	B72100151-2F1
Green LED unit	B72100151-3F1
Blue LED unit	B72100151-4F1
White LED unit	B72100151-7F1
Retaining screw for 1 tier	B62910033-1F2
Retaining screw for 2 tier	B62910033-2F2
Retaining screw for 3 tier	B62910033-3F2
Retaining screw for 4 tier	B62910033-4F2

Product List

Model Number	Number of Tiers	Rated Voltage	Alarm Type	UL Certified	Luminous Color	Power Consumption	Mass
LKEH-102F □ -R/Y/G/B/C	1	24V DC	A/C/D/E	-	Red / Amber / Green / Blue / White	10.6W	1.4kg
LKEH-110F □ -R/Y/G/B/C	1	100V AC	A/C/D/E	-	Red / Amber / Green / Blue / White	17W	2.1kg
LKEH-120F □ -R/Y/G/B/C	1	220V AC	A/C/D/E	-	Red / Amber / Green / Blue / White	17W	2.1kg
LKEH-202F □ -RY/RG	2	24V DC	A/C/D/E	-	Red, Amber / Red, Green	12.4W	1.6kg
LKEH-210F □ -RY/RG	2	100V AC	A/C/D/E	-	Red, Amber / Red, Green	20W	2.3kg
LKEH-220F □ -RY/RG	2	220V AC	A/C/D/E	-	Red, Amber / Red, Green	20W	2.3kg
LKEH-302F □ -RYG	3	24V DC	A/C/D/E	-	Red, Amber, Green	14.2W	1.8kg
LKEH-310F □ -RYG	3	100V AC	A/C/D/E	-	Red, Amber, Green	23W	2.5kg
LKEH-320F □ -RYG	3	220V AC	A/C/D/E	-	Red, Amber, Green	23W	2.5kg
LKEH-402F □ -RYGB	4	24V DC	A/C/D/E	-	Red, Amber, Green, Blue	16W	2.0kg
LKEH-410F □ -RYGB	4	100V AC	A/C/D/E	-	Red, Amber, Green, Blue	26W	2.7kg
LKEH-420F □ -RYGB	4	220V AC	A/C/D/E	-	Red, Amber, Green, Blue	26W	2.7kg
LKEH-102F □ UL-R/Y/G/B/C	1	24V DC	A/C/D/E	✓	Red / Amber / Green / Blue / White	10.6W	1.4kg
LKEH-202F □ UL-RY/RG	2	24V DC	A/C/D/E	✓	Red, Amber / Red, Green	12.4W	1.6kg
LKEH-302F □ UL-RYG	3	24V DC	A/C/D/E	✓	Red, Amber, Green	14.2W	1.8kg
LKEH-402F □ UL-RYGB	4	24V DC	A/C/D/E	✓	Red, Amber, Green, Blue	16W	2.0kg
LKEH-102FV-R/Y/G/B/C	1	24V DC	-	-	Red / Amber / Green / Blue / White	10.6W	1.4kg
LKEH-110FV-R/Y/G/B/C	1	100V AC	-	-	Red / Amber / Green / Blue / White	17W	2.1kg
LKEH-120FV-R/Y/G/B/C	1	220V AC	-	-	Red / Amber / Green / Blue / White	17W	2.1kg
LKEH-202FV-RY/RG	2	24V DC	-	-	Red, Amber / Red, Green	12.4W	1.6kg
LKEH-210FV-RY/RG	2	100V AC	-	-	Red, Amber / Red, Green	20W	2.3kg
LKEH-220FV-RY/RG	2	220V AC	-	-	Red, Amber / Red, Green	20W	2.3kg
LKEH-302FV-RYG	3	24V DC	-	-	Red, Amber, Green	14.2W	1.8kg
LKEH-310FV-RYG	3	100V AC	-	-	Red, Amber, Green	23W	2.5kg
LKEH-320FV-RYG	3	220V AC	-	-	Red, Amber, Green	23W	2.5kg
LKEH-402FV-RYGB	4	24V DC	-	-	Red, Amber, Green, Blue	16W	2.0kg
LKEH-410FV-RYGB	4	100V AC	-	-	Red, Amber, Green, Blue	26W	2.7kg
LKEH-420FV-RYGB	4	220V AC	-	-	Red, Amber, Green, Blue	26W	2.7kg
LKEH-102FVUL-R/Y/G/B/C	1	24V DC	-	✓	Red / Amber / Green / Blue / White	10.6W	1.4kg
LKEH-202FVUL-RY/RG	2	24V DC	-	✓	Red, Amber / Red, Green	12.4W	1.6kg
LKEH-302FVUL-RYG	3	24V DC	-	✓	Red, Amber, Green	14.2W	1.8kg
LKEH-402FVUL-RYGB	4	24V DC	-	✓	Red, Amber, Green, Blue	16W	2.0kg

Notes:

1. Sounds may not start simultaneously when using multiple units.
2. This product is not recommended for vehicle use.

Horn Speaker Audible Alarm with Rotating Light

RT

Φ162 mm	IP23	Indoor/Outdoor Use	Upright Mounting	Ambient Temperature -20°C~+50°C
Red, Amber, Green, Blue	Motor Rotation (rpm) 115/105/95	105dB	32 Alarm Sounds	bit / binary 8 / 32 Inputs



Model Number Configuration

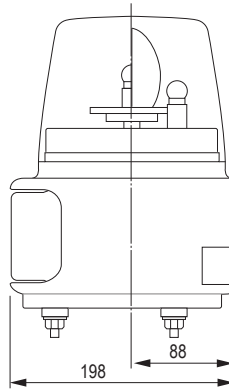
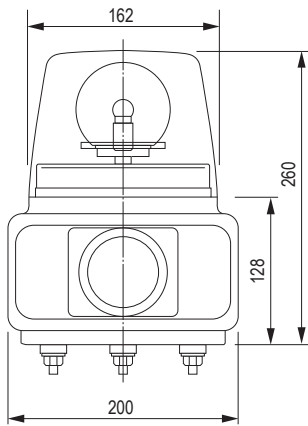
RT-24A-R

① ② ③

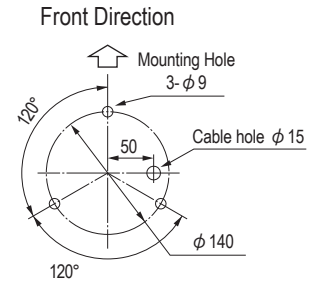
① Rated Voltage 24 = 24V DC 100 = 100V AC 200 = 200V AC	② Alarm Type* A = Type A C = Type C D = Type D E = Type E	③ Colors R = Red Y = Amber G = Green B = Blue
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* Please refer to the Sound Selection Chart on page 84 for alarm details.

Dimensions (mm)



Installation Dimension Drawings



Product List

Model Number	Rated Voltage	Bulb No.	Alarm Type	Color	Power Consumption	Mass
RT-24 □ -R/Y/G/B	24V DC	55	A/C/D/E	Red / Amber / Green / Blue	24W	2.0kg
RT-100 □ -R/Y/G/B	100V AC	54	A/C/D/E	Red / Amber / Green / Blue	32W	2.5kg
RT-200 □ -R/Y/G/B	200V AC	54	A/C/D/E	Red / Amber / Green / Blue	30W	2.5kg

Bulb No.	Model Number
54	D01201503-F1
55	D02402003-F1

* Light bulbs come in packs of 10.
* Stock for some light bulbs may be limited as products become discontinued. We ask for your understanding in this regard.

Other Specifications

Supported Transistors	NPN
Volume Control	Rotating knob

Optional Parts

For details refer to P. 99 to P. 104

Product Description	Model Number
Wall Mounting bracket with cover	SZ-023
Wall mount bracket	SZ-008

Horn Speaker Voice Annunciator with Rotating Light

RT-VF



Φ162 mm	UL (UL in part no.)	IP23	Indoor/Outdoor Use
Upright Mounting	Ambient Temperature -20°C~+50°C	Red, Amber, Green, Blue	Motorized Rotation
105dB	Playback Length 63 seconds	bit / binary 4 / 15 Inputs	



RT-VF

LAN / USB / PoE / Wireless

Signal Tower

Beacons

Cube Tower

Audible Alarms and MP3 Voice Annunciators

Hybrid Signaling Devices

LED Illumination

Explosion Proof

Option

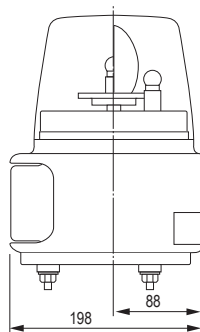
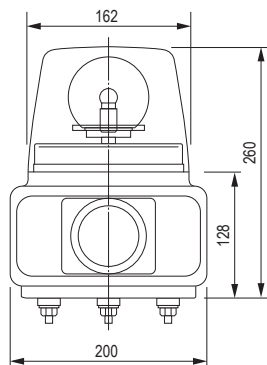
Model Number Configuration

RT-24VFUL-R

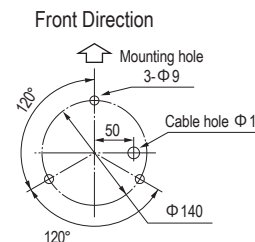
① ② ③

- ① Rated Voltage
24 = 24V DC (RT-VF/RT-VFUL type)
100 = 100V AC (RT-VF type)
200 = 200V AC (RT-VF type)
- ② Sound Specifications
VF = MP3 sound file
VFUL = MP3 sound file (UL certified)
- ③ Luminous Color
R = Red
Y = Amber
G = Green
B = Blue

Dimensions (mm)



Installation Dimension Drawings



Product List

Model Number	Rated Voltage	Bulb No.	UL Certified	Color	Power Consumption	Mass
RT-24VF-R/Y/G/B	24V DC	55	-	Red / Amber / Green / Blue	24W	2.0kg
RT-100VF-R/Y/G/B	100V AC	54	-	Red / Amber / Green / Blue	32W	2.4kg
RT-200VF-R/Y/G/B	200V AC	54	-	Red / Amber / Green / Blue	30W	2.4kg
RT-24VFUL-R/Y/G/B	24V DC	55	✓	Red / Amber / Green / Blue	24W	2.0kg

Other Specifications

Supported Transistors	NPN
Volume Control	Rotating knob
Sound File Format	MP3 data (bit rate: 64 kbps / sample rate: 44.1 kHz)

Optional Parts

For details refer to P. 99 to P. 104

Product Description	Model Number
Wall Mounting bracket with cover	SZ-023
Wall mount bracket	SZ-008
SD card (2GB)	SDV-2GP

* A separate quotation is required for SD cards with custom messages pre-recorded.

Bulb No.	Model Number
54	D01201503-F1
55	D02402003-F1

* Light bulbs come in packs of 10.
* Stock for some light bulbs may be limited as products become discontinued. We ask for your understanding in this regard.

Audible Alarm with Rotating Tower Light

KJT

- 116 mm
- IP23
- Indoor/Outdoor Use
- Upright Mounting
- Ambient Temperature -20°C~+45°C
- Red, Amber, Green, Blue
- Motorized Rotation
- Change Number of Tiers
- 90dB
- 32 Alarm Sounds
- bit / binary 8 / 32 Inputs

* 100V AC is 85dB



Model Number Configuration

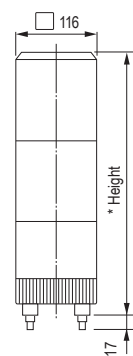
KJT-302A-RYG

- ①
- ②
- ③
- ④

- | | | | |
|---|--|---|--|
| ① Number of Tiers
1 = 1 tier
2 = 2 tiers
3 = 3 tiers | ② Rated Voltage
02 = 24V DC
10 = 100V AC
20 = 200V AC | ③ Alarm Type*
A = Type A
C = Type C
D = Type D
E = Type E | ④ Colors
R = Red
Y = Amber
G = Green
B = Blue
Top to bottom |
|---|--|---|--|

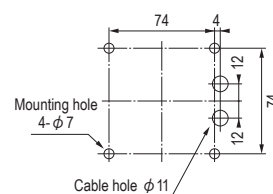
* Please refer to the Sound Selection Chart on page 84 for alarm details.

Dimensions (mm)



- * Height
1 tier: 232
2 tiers: 337
3 tiers: 442

Installation Dimension Drawings



Product List

Model Number	Number of Tiers	Bulb No.	Rated Voltage	Alarm Type	Luminous Color	Power Consumption	Mass
KJT-102□-R/Y/G/B	1	10	24V DC	A/C/D/E	Red / Amber / Green / Blue	21W	1.3kg
KJT-110□-R/Y/G/B	1	12	100V AC	A/C/D/E	Red / Amber / Green / Blue	20W	1.7kg
KJT-120□-R/Y/G/B	1	12	200V AC	A/C/D/E	Red / Amber / Green / Blue	20W	1.7kg
KJT-202□-RY/RG	2	10	24V DC	A/C/D/E	Red, Amber / Red, Green	31W	1.9kg
KJT-210□-RY/RG	2	12	100V AC	A/C/D/E	Red, Amber / Red, Green	26W	2.4kg
KJT-220□-RY/RG	2	12	200V AC	A/C/D/E	Red, Amber / Red, Green	26W	2.4kg
KJT-302□-RYG	3	10	24V DC	A/C/D/E	Red, Amber, Green	41W	2.5kg
KJT-310□-RYG	3	12	100V AC	A/C/D/E	Red, Amber, Green	32W	3.0kg
KJT-320□-RYG	3	12	200V AC	A/C/D/E	Red, Amber, Green	32W	3.0kg

Other Specifications

Supported Transistors	NPN
Volume Control	Rotating knob

Optional Parts

For details refer to P. 99 to P. 104

Product Description	Model Number
Wall Mounting bracket with cover	SZ-023
Wall mount bracket	SZ-008

Bulb No.	Model Number
10	D02401003A-F1
12	D01200503A-F1

* Light bulbs come in packs of 10.
* Stock for some light bulbs may be limited as products become discontinued. We ask for your understanding in this regard.

Audible Alarm with Rotating Light

RFT

Φ100 mm	CE (DC Type)	RoHS 10	IP54	Indoor/Outdoor Use	Upright/Sideways*/Inverted* Mounting	Ambient Temperature -10°C~+50°C	Red, Amber, Green, Blue
Motor Rotation (rpm) 115	90dB	32 Alarm Sounds	bit/binary 8/32 Inputs	* Indoor Only			



Model Number Configuration

RFT-100A-R

① ② ③

① Rated Voltage 24 = 24V DC 100 = 100V AC 220 = 220V AC	② Sound Type* A = Type A C = Type C D = Type D E = Type E	③ Colors R = Red Y = Amber G = Green B = Blue
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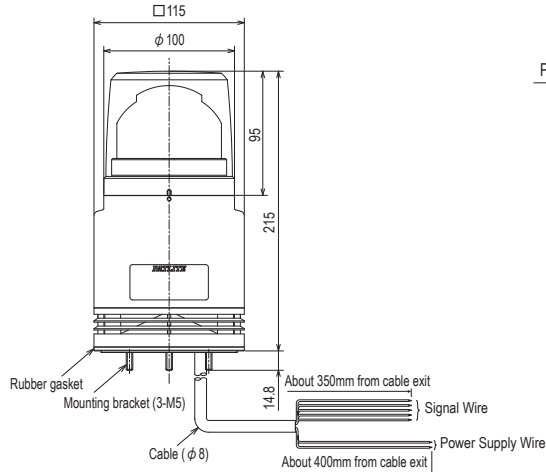
* Please refer to the Sound Selection Chart on page 84 for alarm details.

Optional Parts

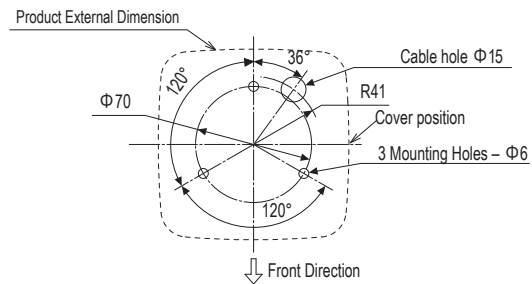
For details refer to P. 99 to P. 104

Product Description	Model Number
Wall mount bracket	RF-001
Ceiling mount bracket	RF-002
SD card (2GB)	SDV-2GP

Dimensions (mm)



Installation Dimension Drawings



Product List

Model Number	Rated Voltage	Alarm Type	Luminous Color	Power Consumption	Mass
RFT-24□-R/Y/G/B	24V DC	A/C/D/E	Red / Amber / Green / Blue	12W	1.0kg
RFT-100□-R/Y/G/B	100V AC	A/C/D/E	Red / Amber / Green / Blue	13W	1.2kg
RFT-220□-R/Y/G/B	220V AC	A/C/D/E	Red / Amber / Green / Blue	13W	1.2kg

Other Specifications

Supported Transistors	NPN
Volume Control	Rotating knob

Alarm Sound Selection Chart



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
Runner	Mamotte Agetai	Chime	Call Sign
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

Note: Please check our website for details on each alarm sound.

Use of Copyrighted Material

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EHV

Type F

Galactic Hovercraft	Game Intermission	Spring Melody	Jalopy Horn
ET Doorbell	RR-crossing	Train Whistle	Train Ride
Starting Notice Chime1	Starting Notice Chime2	Starting Notice Chime3	Ending Notice Chime1
Ending Notice Chime2	RHYTHM AND POLICE	ZANKOKUNA TENSHINO TEEZE	MAJINGAA ZETTO
HATARAKU KURUMA	NINGENTTE IINA	ROBINSON	WORLD FOOTBALL ANTHEM
BANZAI SUKIDE YOKATTA	NAMONAKI UTA	SOUSEINO AKUERION	MAMMO NO 5
The Parade of the Tin Soldiers	Turkey in the Straw	Aka tombo	Funiculi, Funicula
Furusato	Beautiful Dreamer	JOLLY HOLIDAY	Londonderry Aire
The above 31 tones & 32 type A tones are built-in			

Type G

Galactic Hovercraft	Game Intermission	Spring Melody	Jalopy Horn
ET Doorbell	RR-crossing	Starting Notice Chime1	Starting Notice Chime2
Ending Notice Chime1	Ending Notice Chime2	The Parade of the Tin Soldiers	If You're Happy and You Know it
Flea Waltz	Turkey in the Straw	The Battle Hymn of the Republic	J'ai perdu le do de ma clarinette
Can-can	Radetzky March	Funiculi, Funicula	Csikos Post
Polka Trablanka	O Vreneli	KAERUNO GASSHOU	El Condor Pasa (If I Could)
Hungarian Dance No.5	William Tell Overture	Pomp and Circumstance	Greensleeves
Nedelka	Moonlight Serenade	WAREWA UMINO KO	Grandfather's Clock
The above 31 tones & 32 EHS type E tones are built-in			

Use of Copyrighted Material

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