

Specifications

Colors not listed in stock products, and any products other than stock products are made-to-order.

LKEH-FV specifications

(Number of flashes...about 60/min)											
	Model	Rated Voltage	Operating Voltage Range	Number of tiers	Power Consumption	Sound Pressure Level	Audio File	Operating temperature range	Maximum Seconds of Playback	Number of messages	Mass
Voice type	LKEH-102FV	24V DC	24V DC±10%	1	10.6W	Maximum 105 dB (at 1m)	MPEG1-AudioLayer III (MP3)Standard bitrate : 64kbit/s, Fs=44.1kHz	-10°C to +50°C (humidity 85% or less)	63 s	5 (bit input) 31(binary input)	1.4kg
	LKEH-202FV			2	12.4W						1.6kg
	LKEH-302FV			3	14.2W						1.8kg
	LKEH-402FV			4	16.0W						2.0kg
	LKEH-110FV	100V AC	100V AC±10%	1	17W						2.1kg
	LKEH-210FV			2	20W						2.3kg
	LKEH-310FV			3	23W						2.5kg
	LKEH-410FV			4	26W						2.7kg
	LKEH-120FV	220V AC	220V AC±10%	1	17W						2.1kg
	LKEH-220FV			2	20W						2.3kg
	LKEH-320FV			3	23W						2.5kg
	LKEH-420FV			4	26W						2.7kg

(Note) The indicated sound pressure level is the maximum volume (synthetic sound type: sine wave (1KHz)) and the actual level may be lower than the indicated sound pressure level due to message content, tone, and voltage fluctuations.*When using multiple units, there may be variation in the playback sound even when started simultaneously with the tone and voice. This product is not for mounting on a vehicle.

LKEH-FVUL specifications (UL certified model)

(Number of flashes...about 60/min)											
	Model	Rated Voltage	Operating Voltage Range	Number of tiers	Power Consumption	Sound Pressure Level	Audio File	Operating temperature range	Maximum Seconds of Playback	Number of messages	Mass
Voice type	LKEH-102FVUL	24V DC	24V DC±10%	1	10.6W	Maximum 105 dB (at 1m)	MPEG1-AudioLayer III (MP3)Standard bitrate : 64kbit/s, Fs=44.1kHz	-10°C to +50°C (humidity 85% or less)	63 s	5 (bit input) 31 (binary input)	1.4kg
	LKEH-202FVUL			2	12.4W						1.6kg
	LKEH-302FVUL			3	14.2W						1.8kg
	LKEH-402FVUL			4	16.0W						2.0kg

(Note) The indicated sound pressure level is the maximum volume (synthetic sound type: sine wave (1KHz)) and the actual level may be lower than the indicated sound pressure level due to message content, tone, and voltage fluctuations.*When using multiple units, there may be variation in the playback sound even when started simultaneously with the tone and voice. This product is not for mounting on a vehicle.

LKEH-F□ specifications

(Number of flashes...about 60/min)									
	Model	Rated Voltage	Operating Voltage Range	Number of tiers	Power Consumption	Sound Pressure Level	Operating temperature range	Playback Channel	Mass
Sound type	LKEH-102FA	24V DC	24V DC±10%	1	10.6W	Maximum 105 dB (at 1m)	-10°C to +50°C (humidity 85% or less)	8 (bit input) 32 (binary input)	1.4kg
	LKEH-202FA			2	12.4W				1.6kg
	LKEH-302FA			3	14.2W				1.8kg
	LKEH-402FA			4	16W				2.0kg
	LKEH-110FA	100V AC	100V AC±10%	1	17W				2.1kg
	LKEH-210FA			2	20W				2.3kg
	LKEH-310FA			3	23W				2.5kg
	LKEH-410FA			4	26W				2.7kg
	LKEH-120FA	220V AC	220V AC±10%	1	17W				2.1kg
	LKEH-220FA			2	20W				2.3kg
	LKEH-320FA			3	23W				2.5kg
	LKEH-420FA			4	26W				2.7kg

*Changes the sound pressure level based on tones, use environment, and working voltage.

*When using multiple units, there may be variation in the playback sound even when started simultaneously with the tone. This product is not for mounting on a vehicle.

LKEH-FVUL specifications (UL certified model)

(Number of flashes...about 60/min)									
	Model	Rated Voltage	Operating Voltage Range	Number of tiers	Power Consumption	Sound Pressure Level	Operating temperature range	Playback Channel	Mass
Sound type	LKEH-102FAUL/FCUL/FDUL/FEUL	24V DC	24V DC±10%	1	10.6W	Maximum 105 dB (at 1m)	-10°C to +50°C (humidity 85% or less)	8 (bit input) 32 (binary input)	1.4kg
	LKEH-202FAUL/FCUL/FDUL/FEUL			2	12.4W				1.6kg
	LKEH-302FAUL/FCUL/FDUL/FEUL			3	14.2W				1.8kg
	LKEH-402FAUL/FCUL/FDUL/FEUL			4	16W				2.0kg

*Changes the sound pressure level based on tones, use environment, and working voltage.

*When using multiple units, there may be variation in the playback sound even when started simultaneously with the tone. This product is not for mounting on a vehicle.

Replacement Parts for Changing Colors

Replacement Parts	Part Number
Red globe unit	B72100151-1F1
Amber globe unit	B72100151-2F1
Green globe unit	B72100151-3F1
Blue globe unit	B72100151-4F1
White globe unit	B72100151-7F1
Shaft for 1 tier	B62910033-1F2
Shaft for 2 tier	B62910033-2F2
Shaft for 3 tier	B62910033-3F2
Shaft for 4 tier	B62910033-4F2

Dimensions (mm)

Front view diagram of LKEH-FV/LKEH-F□ showing dimensions: diameter 100mm, height, control screw, sound signal wire (black), optical signal wire (gray), signal wire cord outlet 350, cord outlet 400, power supply wire cord outlet 400.

Side view diagram of LKEH-FV/LKEH-F□ showing dimensions: shaft screw, height, 152mm width, 16mm offset.

* Height

- 1 tier: 265.2
- 2 tier: 325.3
- 3 tier: 385.4
- 4 tier: 445.5

Installation Dimension Drawings

Installation dimension drawing showing mounting holes 3-φ6, product external dimension, front direction 142mm, and 2-φ10 cable hole.