C E RoHS

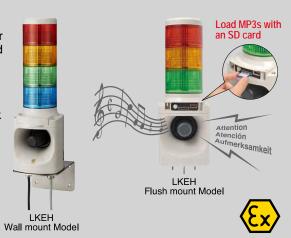
LKEH-FE-EX, LKEH-FV-EX

CE € II 3GD Ex nA IIC T4 Gc, Ex tc IIIB T85°C Dc IP54 94/9/Ex(ATEX)CENELEC:EN 60079-0, EN 60079-15, EN 60079-31

Ø100mm Signal Tower and MP3 Annunciator / Alarm Horn Hybrid

The LKEH-EX Hybrid Series features a combination of up to four ultra-bright LED segments, MP3 voice annunciation, and pre-loaded alarm sounds for highly-effective signaling and notification.

- Suitable for Zone 2 and Zone 22 applications
- CE compliance in accordance with ATEX
- Supports MP3 alerts up to 63 sec. (64kbit/s) with 5 selectable playback channels
- Comes pre-loaded with 32 tones and melodies
- Adjust playback volume from 0 to 105dB
- Field programmable with front loading SD card port
- Designed to withstand 2G vibrations
- NPN or PNP types available



Dimensions (mm)

Model LKEH-FEW-EX, LKEH-FVW-EX 200 400 * Height 400 1 Tier: 270 2 Tiers: 330 Model LKEH-FEF-EX, LKEH-FVF-EX 3 Tiers: 390 4 Tiers: 450 Mounting Dimensions (Unit : mm)

Sound Selection Charts

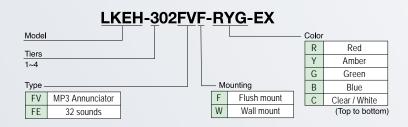
- Pre-recorded on model LKEH-FE-EX.
- 8 sounds can be played back by a bit input, and 32 sounds by binary input.

Веер	Stutter + Bell	Inverted Revelle	Annie Laurie	
Stutter	Synthesized Melody	Galactic Motor	London Bridge	
Bell	Chime	Ringing Phone	Mary`s Lamb	
Yelp	Call Sign	Two Tone	Camptown Races	
Rapid Hi Lo	Train Ride	Alarm Clock	Amaryllis	
Melody Chime	Galloping Hi Lo	Ringing Hi Lo	Symphony #40	
Synthesized Piano	Alien Chatter	Fur Elise	Ave Maria	
Synthesized Bell	Falling Crystals	Minuet	Grandfather's Clock	

Model	MP3	Power	
LKEH-FEF-EX/LKEH-FEW-EX		14.2W	
LKEH-FVF-EX/LKEH-FVW-EX	Supports	14.2W	

SD card(SD-2GP) for the model LKEH-FVF-EX and LKEH-FVW-EX sold separately.

Model Code



Specifications

Model	Rated Voltage	Voltage Range	MP3, Melody	Operating Temperature Range	Recordable Duration	Sound Pressure (at 1m)	Messages	Mass
LKEH-FEF-EX			Type-E		Prerecorded	105dB	8ch bit input, 32ch binary input	2.8Kg
LKEH-FEW-EX	24V DC	24V DC 24VDC±10%	Type-E	-10°C to +50°C,	Prerecorded		8ch bit input, 32ch binary input	3.2Kg
LKEH-FVF-EX	24V DC	24VDC±1076	MPEG1-Audio layer III, 64kbit/s	Humidity 85% or less	63 sec.	1050B	5ch bit input, 31ch binary input	2.8Kg
LKEH-FVW-EX			MPEG1-Audio layer III, 64kbit/s		63 sec.		5ch bit input, 31ch binary input	3.2Kg

The mass indicated is based on a 3 tiered LED Model LKEH. The mass will change in conjunction with the number of tiers. Add or remove 0.2 Kg per module.