

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	60fpm	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

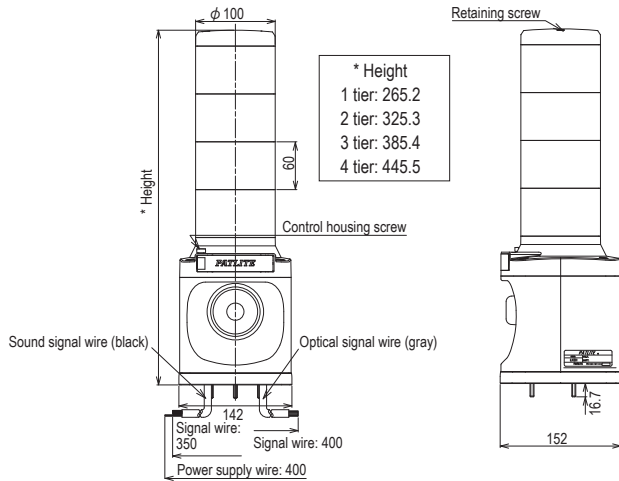
LKEH-402FAUL-RYGB

① ② ③ ④ ⑤

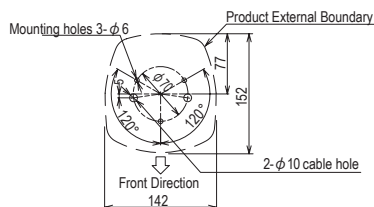
① Number of Tiers 1 = 1 tier 2 = 2 tiers 3 = 3 tiers 4 = 4 tiers	② Rated Voltage 02 = 24V DC 10 = 100V AC 20 = 220V AC	③ Alarm Type* A = Type A C = Type C D = Type D E = Type E V = MP3 Sound File	④ Conformity Standards Blank = Standard model UL = UL model	⑤ Luminous Color R = Red B = Blue Y = Amber C = 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.