

SPECIFICATIONS

Product	MT5I				
Rated Voltage	24V ±10%DC				
Transistor Input	NPN/PNP				
Signal Line Current (Single Module)	Max	LED : Red: 60.0mA	Amber: 60.0mA	Green: 60.0mA	Blue: 60.0mA White: 60.0mA Buzzer: 50.0mA
Storage Ambient Temperature/Humidity	-30°C~+60°C / Less than 90% (No Condensation)				
Mounting Location	Indoor/Outdoor				
Protection Rating	IP65 (IEC 60529)				
Buzzer Sound	No.1: Continuous Beep No.2: Rapid Intermittent Beep No.3: Continuous Beep (Low Vol.)				
Sound Pressure Level (Typ.)	No.1: 98dB No.2: 98dB No.3: 80dB				
Environmental Conditions	0.3m Directly in Front (Actual Test in Anechoic Chamber)				
Conformity Standards	EMC Directive (EN 61000-6-4, EN 61000-6-2)				
	RoHS Directive (IEC 62321) / China-RoHS(GB/T26572 SJ/T11364)				
	CE Certified / UKCA Certified/ KC Certified				

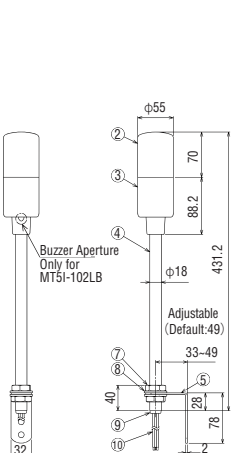
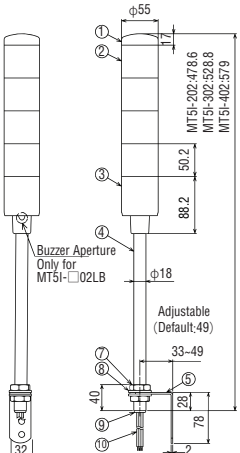
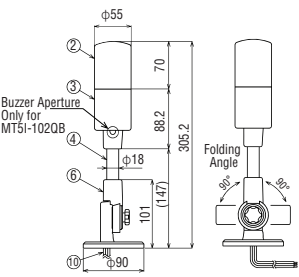
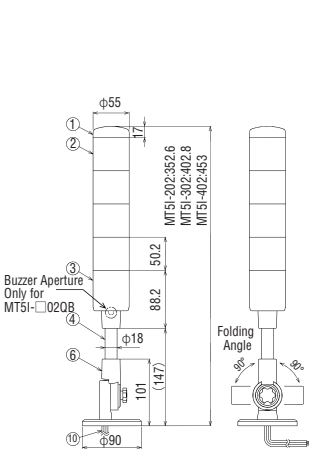
DIMENSIONS(mm)

MT5I-□02Q□J

MT5I-102Q□J

MT5I-□02L□J

MT5I-102L□J

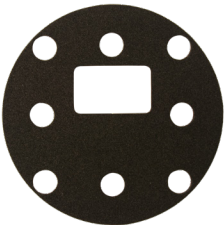


No	Name	Material
1	Head Cover	ABS
2	LED Unit	PC
3	Body	ABS
4	Pole	AL
5	L-Bracket	SUS
6	Folding Bracket	ABS
7	Nut	Steel
8	Packing	Steel
9	Rubber Bushing	Silicon Rubber
10	Cable	PVC
Signal Wire & Power Supply Wire : AWG24		
Cable Length : MT5I-□02L□J : 300 MT5I-□02Q□J : 500		

Folding Bracket

L-Bracket

OPTIONAL PARTS



Gasket MT-001

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PATLITE TAIWAN CO., LTD.

PATLITE KOREA CO., LTD.

PATLITE (THAILAND) CO., LTD.

CAUTION To ensure correct use of these products, read the "Instruction Manual" prior to use. Failure to follow all safeguards can result in fire, electric shock, or other accidents. Specifications are subject to change without notice.

0826

NOTE Certain images in this catalog are generated by AI and are for reference purposes only.

MidrangeSignal



Signal Tower

Signal Tower

MT5I Series

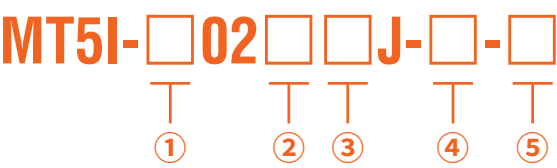
High Luminosity | Adjustable Volume | Industrial Use



CATALOGUE



● MODEL CODE



*1 The 1-tier model uses a clear globe and can display 5 colors in one unit.
*2 Please contact sales for custom models available upon request

- ① Tier*1

1 = 1Tier

2 = 2Tier

3 = 3Tier

4 = 4Tier
- ② Mounting

Q = Pole Mount with Folding Bracket

L = Pole Bracket with L Bracket
- ③ Buzzer

B = With Buzzer

N = No Buzzer
- ④ LED Colors

R = Red

Y = Amber

G = Green

B = Blue

C = White

	Folding Bracket	LED Colors	L Bracket	LED Colors
No Buzzer	MT5I-102QNJ-RYGBC	Red, Amber, Green, Blue, White	MT5I-102LNJ-RYGBC	Red, Amber, Green, Blue, White
	MT5I-202QNJ-RG	Red, Green	MT5I-202LNJ-RG	Red, Green
	MT5I-302QNJ-RYG	Red, Amber, Green	MT5I-302LNJ-RYG	Red, Amber, Green
	MT5I-402QNJ-RYGB	Red, Amber, Green, Blue	MT5I-402LNJ-RYGB	Red, Amber, Green, Blue
With Buzzer	MT5I-102QBJ-RYGBC	Red, Amber, Green, Blue, White	MT5I-102LBJ-RYGBC	Red, Amber, Green, Blue, White
	MT5I-202QBJ-RG	Red, Green	MT5I-202LBJ-RG	Red, Green
	MT5I-302QBJ-RYG	Red, Amber, Green	MT5I-302LBJ-RYG	Red, Amber, Green
	MT5I-402QBJ-RYGB	Red, Amber, Green, Blue	MT5I-402LBJ-RYGB	Red, Amber, Green, Blue
	MT5I-402QBJ-RYGC	Red, Amber, Green, White	MT5I-402LBJ-RYGC	Red, Amber, Green, White
	Existing Special Model	Customization	Optional Parts	Product
With Buzzer	MT5I-302QBJ-RYG-L300	300mm Pole Length	MT-001	Gasket

● ADVANTAGES

Bright LED Indication

Enhanced LED brightness delivers clear 360° visibility, even under strong lighting conditions and in demanding industrial environments. With options ranging from 2–4 tier single-color models to a single-tier 5-color model, the MT5I Series provides flexible solutions for various installation requirements and complex applications. Rugged and reliable, it is widely used in factories, warehouses, and other industrial environments, supporting safer and more efficient operations.

Powerful Sound Pressure

Even when visibility is blocked, the MT5I Series provides audible warnings with a sound level up to 98 dB, offering strong penetration and clear alerts in noisy environments. An adjustable volume suits various applications, while the combined light and sound signals enhance equipment safety and operational awareness.

Engineered for Harsh Environments

The MT5I features an integrated audio-visual structure. Buzzer is sealed to ensure waterproof and dustproof performance, maintaining an IP65 protection rating (even with the opening). The device operates within the temperatures ranging from -30°C to +60°C. Tested for dust resistance, waterproofing, vibration resistance, and temperature durability, the MT5I operates reliably in harsh industrial environments.

Flexible Mounting Options & Pole Length

The MT5I Series is engineered to support a wide range of industrial applications, featuring multiple mounting configurations and selectable pole lengths to ensure proper installation and clear visibility on both low-profile equipment and elevated production lines across complex environments.

● APPLICATIONS



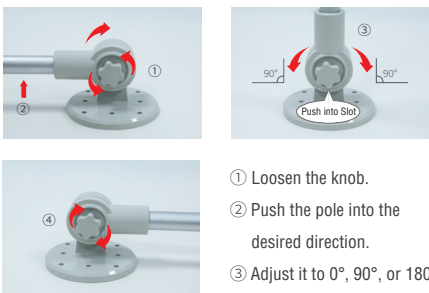
L-Bracket

Simple and reliable Mounting



Folding Bracket

Tool-Free Angle Adjustment



Multi-color

Powerful warning in small spaces
*One tier model only

