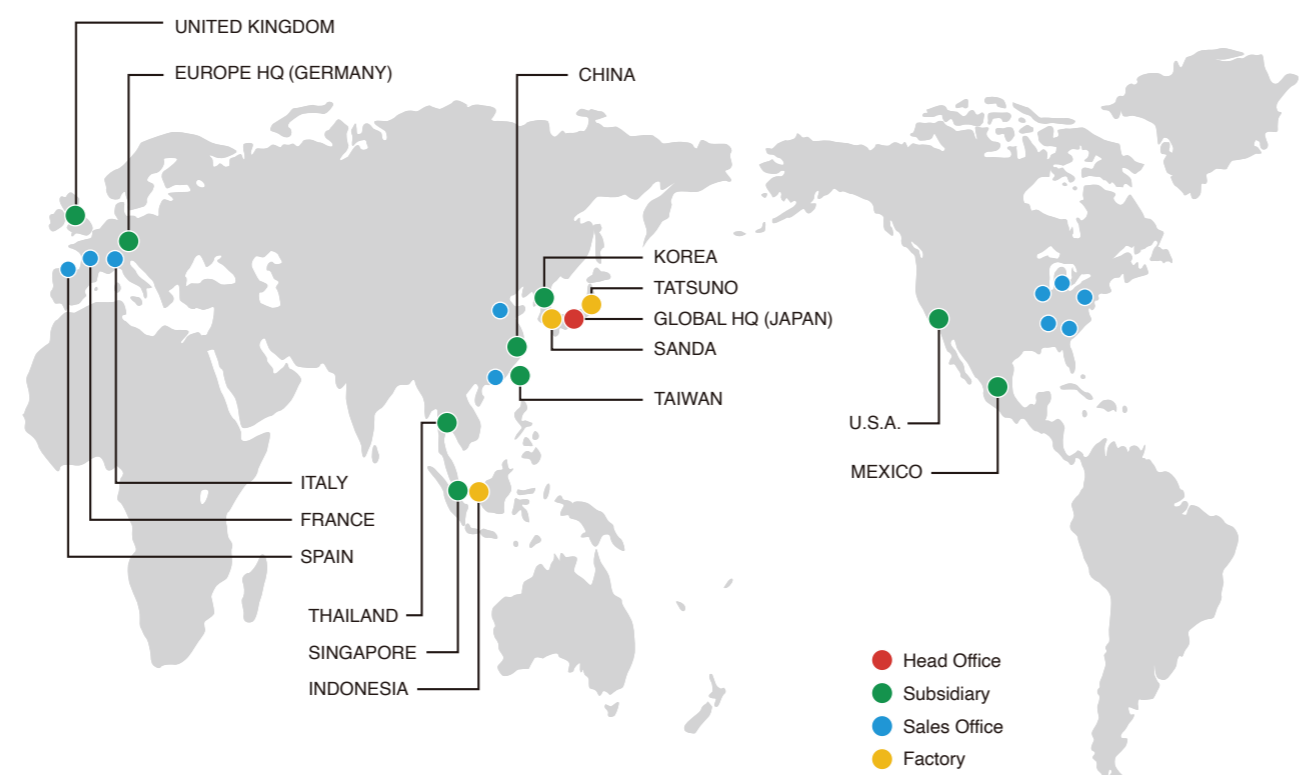


# History of PATLITE

- 1947: Opened our Sasadenki Research Center in Osaka, Japan
- 1950: Developed our first DC Micro-motor for audio equipment
- 1963: Established Sasaki Electric Corporation
- 1965: Developed and released our first Revolving Warning Light SK-12
- 1977: Developed and released our first Light Bar for police cars
- 1982: Developed and released our first Signal Tower
- 1984: Developed and released our first Voice Synthesizer in the audio warning market
- 1985: Released our Electronic Siren Amplifier for emergency vehicles
- 1989: Established our US branch in Torrance, CA
- 1990: Developed and released our LED Display Board
- 1994: Completed the first stage of construction on our Sanda Factory in Hyogo, Japan  
Changed our name to PATLITE Corporation
- 1996: Developed and released our Boomerang-type Warning Light
- 1998: Established PATLITE (SINGAPORE) PTE LTD
- 1999: Began production at our PT. PATLITE INDONESIA Factory
- 2000: Listed in the Osaka Securities Exchange Second Section
- 2001: Listed in the Tokyo Stock Exchange Second Section
- 2003: Developed and released our Multi-color LED Display Board
- 2005: Established PATLITE (CHINA) Corporation  
Listed on the First Section of the Tokyo Stock Exchange and Osaka Securities Exchange
- 2007: Developed and released our Earthquake Early Warning Display Terminal
- 2009: Established PATLITE Europe GmbH
- 2011: Established PATLITE KOREA CO., LTD.
- 2013: Became a wholly owned subsidiary of Inaba Denki Sangyo CO., LTD.
- 2014: Established PATLITE TAIWAN CO., LTD.
- 2016: Established PATLITE (THAILAND) CO., LTD.  
Developed and released Multi-color LED Signal Tower
- 2017: Kasuga Electric CO., LTD. merged with PATLITE Corporation
- 2019: Established PATLITE MEXICO S.A. de C.V.
- 2020: Developed and released our new line of Beacons "SL/SK/SF Series"
- 2022: Established PATLITE UK LTD
- 2023: Developed and released our new line of Wireless Control Unit "WIO Series"

# PATLITE® Global Network



**PATLITE Corporation**  
www.patlite.com

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| <b>PATLITE (U.S.A.) Corporation</b> | <b>PATLITE KOREA CO., LTD.</b>      |
| <b>PATLITE MEXICO S.A. de C.V.</b>  | <b>PATLITE TAIWAN CO., LTD.</b>     |
| <b>PATLITE Europe GmbH</b>          | <b>PATLITE (THAILAND) CO., LTD.</b> |
| <b>PATLITE UK LTD</b>               | <b>PATLITE (SINGAPORE) PTE LTD</b>  |
| <b>PATLITE (CHINA) Corporation</b>  | <b>PT. PATLITE INDONESIA</b>        |

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● MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson Licensing.  
● The names of other companies and products are trademarks or registered trademarks of their respective companies.

**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.

# PATLITE®

# DIGEST CATALOG 2024-2025



**#1 Global Share**  
in Signaling Devices

# Featured Models

### WIO Series

Transmitter 7 input, Receiver 6 output, Bluetooth 5.0, Radio wave reaching distance 100m

Inputs: Switches, Relays, and More

Outputs: Easily Add LED Units

### IP69K Rated Signal Tower and Signal Beacon

**LR6+FB295**: IP69K, IP67, 88 dB at 1 m, 4 sounds, Φ60mm, M12, Modular type

**LR10 Signal Tower**: Φ100mm, Outdoor use, IP69K, 92 dB at 1 m, 4 sounds, M12, 4 flash patterns

**NE+FB295**: IP69K, IP67, Multi color, Φ56mm, M12, 7 colors

### WD Series

Predictive Maintenance | Detailed Downtime Analysis | Mitigate Bottlenecks  
OEE Improvement | Plant-wide Visibility

Wireless Data Acquisition System **WD Series and LR Series**  
The WD Series is an add-on solution for select PATLITE Signal Towers enabling wireless data acquisition and real-time monitoring.

**WD Series**: LR5/LR6 Signal Tower + WD Series Transmitter Unit = Signal Tower with Transmitter

**WD PRO Series** (More data points than WD series)  
WD PRO Series availability varies by country. Please consult PATLITE for more product details and availability information.

WD PRO Transmitter Unit + WD PRO Base Unit + LR6 LED Unit = Signal Tower with Base and LED Unit

www.patlite.com

# Network Products

### NHV/NHB

HTTPS HTTP, SSH RSH, SNMP v3/v2c/v1, PING 24, AWS/Azure, RJ-45, IP v6/v4, OAuth 2.0, Send E-mail, **Φ40mm**, **Φ60mm**

NHV type only features: MP3, Text to Speech, 88 dB at 1 m, Detect E-mail

PoE: Power over Ethernet

**Voice type**  
 NHV (Voice-enabled)  
 NHV-D (Voice-enabled, Digital ID)  
 NHV-DP (Voice-enabled, Digital ID, PoE)

**Buzzer type**  
 NHB

### Network Signal Tower

#### LA6-POE

LAN, Modbus/TCP, IP54, 85 dB at 1 m, 11 Sounds, HTTPS HTTP, **Φ60mm**, 21 Colors LED

PoE: Power over Ethernet

**21 colors**

Direct mount type, Desktop type

### USB Signal Tower

#### LR6-USB

USB Bus Power, 80 dB at 1 m, 5 Sounds, **Φ60mm**, IP65, NEMA 4X/13

USB Connection: PC or Panel Computer, USB Cable, LR6-USB

Black, Off-white

### USB Signal Beacon

#### NE-USB

USB Bus Power, IP20, IP65, 7 sounds, **Φ56mm**, 85 dB at 1 m, 7 color, 7 colors

Touch Sensor

7 colors in one unit

SN/ST type, WN/WT type, Magnet Mounting

# LED Signal Towers

### IO-Link

CE, RoHS 10, UL, US, UK, CA

#### LB6-IL

**Φ60mm**, IP65, 20 segments, 88 dB at 1 m, M12, 21 colors

LB6-20ILWCBW (with Buzzer), LB6-20ILWQWV (No Buzzer)

#### LR6-IL

**Φ60mm**, IP65, NEMA 4X/13, M12, WD Compatible

#### LR4

**Φ40mm**, Off-white / Silver

#### LR5

**Φ50mm**, Off-white / Silver / Black

#### LR6

**Φ60mm**, Off-white / Silver

#### LR7

**Φ70mm**, Off-white / Silver / Black

LR Series Modular Components: LB6-BW (Buzzer Unit), LR6-BW (Buzzer Unit), LED Units, Body Units, Buzzer Units, LED Units

### Programmable Model

CE, RoHS 10, UL, US, UK, CA

#### LA6

**Φ60mm**, IP54 (Alarm), 21 Colors LED, Open Collector, 85 dB at 1 m, Single Display, 11 Sounds, Time-trigger, Pulse-trigger, IP65

Off-white / Silver

#### Slim Towers

##### MP-B

1 Sound, 80 dB at 1 m

##### ME-A

**Φ25mm**, LED, IP42, NPN Open Collector

##### MP

**Φ30mm**, LED, IP65, M-12 Connector, Open Collector

#### Unique Design Models

##### WE

Wall Mount, **W90mm D37.5mm**, LED, 90 dB at 1 m, 2 Sounds, IP65, Open Collector

Light gray / Silver

##### WME-D

Wall Mount, **W70mm D80mm**, LED, 93 dB at 1 m, 2 Sounds, IP54, Open Collector

Off-white

# Signal Beacons

### SL

CE, RoHS 10, UL, US, UK, CA

LED Life 100,000 hours, IP66, IP65, NEMA 4X/13, 88 dB at 1 m

SL08 Φ80mm, SL10 Φ100mm, SL15 Φ150mm

Select from 3 light patterns: Continuous, Blinking, Triple Flash

Rotating 120rpm

### RFR

CE, RoHS 10, UL, US, UK, CA

**Φ162mm**, LED, IP66, 105rpm

(RFR-M2 not CE Compliant)

LED, IP66, Triple Flash

(LFR-48 not CE Compliant)

### LPT

LED Life 100,000 hours, IP68, NEMA TYPE 4X,13

86x28mm (LPT-1M1), 114.4x43.4mm (LPT-2M1)

Select from 4 light patterns: Triple Flash, Extreme Waring Flash, Continuous On, Blinking

LPT-1M1, LPT-2M1

### NE-IL

CE, RoHS 10, UL, US, UK, CA

**Φ56mm**, IP65, NEMA 4X/13, 88 dB at 1 m

Touch Sensor, M12, 1 Analog Input, 1 Digital Input

7 colors in one unit

### NE-A

CE, RoHS 10, UL, US, UK, CA

Multi-color: **Φ56mm**, IP67, IP65 (Alarm), NEMA 4X/13, 88 dB at 1 m, Touch Sensor, M12, Cable 2m

Mono-color: **Φ56mm**, IP65, NEMA 4X/13, Screwless Terminal Block

Standard, With Alarm, With Alarm and Touch Sensor

# LED Work Lights

### CLA-A

CE, RoHS 10, UL, US, UK, CA

IP66, IP67, IP69K

DAYLIGHT COLOR LED, 6500K, Amber LED

### CLK

CE, RoHS 10, UL, US, UK, CA

IP66G, IP67G, IP69K

DAYLIGHT COLOR LED, 6500K, NATURAL WHITE COLOR LED, 5000K

### CLK-SG

CE, RoHS 10, UL, US, UK, CA

IP66G, IP67G, IP69K

DAYLIGHT COLOR LED, 6500K, NATURAL WHITE COLOR LED, 5000K

### CWK

CE, RoHS 10, UL, US, UK, CA

IP66G, IP67G

DAYLIGHT COLOR LED, 6500K

### CLN-A

CE, RoHS 10, UL, US, UK, CA

IP66G, IP67G, IP69K

DAYLIGHT COLOR LED, 6500K

Pan/Tilt Type, Tilt Type

### CWA

CE, RoHS 10, UL, US, UK, CA

IP65

DAYLIGHT COLOR LED, 6500K, NATURAL WHITE COLOR LED, 5000K

# Audible Products

### BSV/BSV-L

CE, RoHS 10, UL, US, UK, CA

MP3, 87 dB at 1 m, 63 second Playback, 520 second Playback, IP54

PNP Open Collector, NPN Open Collector

Off-white, Silver, Dark Gray

### BK/BKV

CE, RoHS 10, UL, US, UK, CA

(24V DC: CE Compliant)

MP3, 95 dB at 1 m, 63 second Playback, IP54, NPN Open Collector

BKV

Dark Gray, Ivory

### EHS/EHV

CE, RoHS 10, UL, US, UK, CA

(12/24V DC: CE Compliant)

MP3, 110 dB at 1 m, IP65, 32 Sounds

NPN Open Collector, PNP Open Collector

EHS, EHV

### LKEH

CE, RoHS 10, UL, US, UK, CA

(24V DC: CE Compliant)

MP3, LED, 105 dB at 1 m, IP53, 32 Sounds, 63 second Playback

LKEH-FV

Options: SD Card (2 GB), SDV-2GP\*

\*not CE Compliant

\*1 Manufacturer specified value \*2 Terminal Block Type \*3 When used with rubber-mount (sold separately) \*4 SL08/SF08: 86dB