

LED Sign Tower

STL series

INSTRUCTION MANUAL

HANYOUNG NUX

HANYOUNGNUX CO.,LTD
28, Gilpa-ro 71 beon-gil, Nam-gu, Incheon, Korea
Tel.: (82-32)876-4697 Fax: (82-32)876-4696
http://www.hynux.com

Thank you for purchasing HANYOUNG product. please check whether the product is the exactly same as you ordered. before using the product, please read this instruction manual carefully. please keep this manual where you can view at any time.

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Safety information

Before using the product, please read the safety information throughly and use it properly. Alerts declared in the manual are classified to danger, warning and caution by their criticality

	DANGER	Danger indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury
	WARNING	Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury
	CAUTION	Caution indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury

- WARNING

- If the user use the product with methods other than specified by the manufacturer, there may be bodily injuries or property damages.
 - If the is a possibility of an accident caused by errors or malfunctions of this product, install external protection circuit to prevent the accident.
- Big impact on this product will cause a break down of LED units.
 - Please do not change parts of product or do not use other product parts.
 - End of unsed lead wire must be insulated.
 - Contamination by thinner, beneze over lens or top cover will cause a fade in color or transformation in shape.
 - Power switch and fuse are not attached to this product. so please install them outside. (fuse rated : 250 V 0.5 A)

- CAUTION

- This products is only suitable for indoor use. please keep it away from damp place.
 - Please use correct voltage. over voltage woll cause a break down of product.
 - Please refer to 'connection diagram' when you wire product. wrong wiring will cause a break down of product.
 - Do not pull wire strongly that is outside of product. it will cause a break down of product.
- Precaution for compliance with UL standards

- For use on a flat surface of a type 1 enclosure recognized by UL.

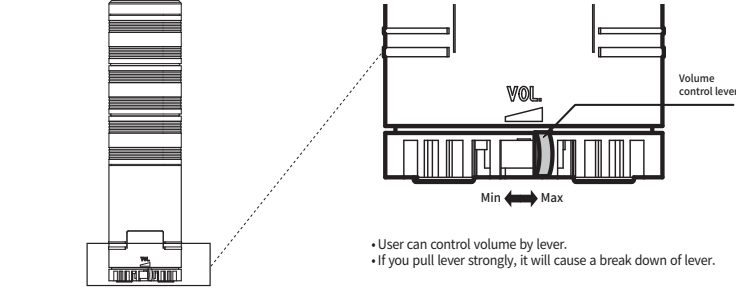
Suffix code		※ 12Vd.c. On demand product.	
Model	Code	Description	
STL-025	☐ : ☐ ☐ ☐	LED sign tower (LED light source)	
Circumference size	025	Ø25 Cylinder type	
Power supply voltage	: D51	24Vd.c.	
Stacking modules	1	1 Light(R)	
	2	2 Light(R,G)	
	3	3 Light(R,Y,G)	
	4	4 Light(R,Y,G,B)	
	5	5 Light(R,Y,G,B,W)	
Polarity	N	NPN(Common anode)	
	P	PNP(Common cathode)	

Suffix code		※ 12Vd.c. On demand product.	
Model	Code	Description	
STL-040,060,080	☐ : ☐ ☐ ☐	LED sign tower (LED light source)	
Circumference size	040 060 080	Ø40 Cylinder type Ø60 Cylinder type Ø80 Cylinder type	
Function	A F	Continuous light only Continuous light, flashing light and buzzer(Selected by the external signal)	
Power supply voltage	C51 A11	24Va.c. 50/60Hz or 24Vd.c. 100~240Va.c. 50/60 Hz	
Stacking modules	1	1 Light(R)	
	2	2 Light(R,G)	
	3	3 Light(R,Y,G)	
	4	4 Light(R,Y,G,B)	
	5	5 Light(R,Y,G,B,W)	
Supporter selection	D	Direct installation(Volt fixing installation)	
	L	L type supporter	
	M	Plastic supporter	
Optional		Selecting type supporter(STM)	
		Elbow type supporter installation(ETM)	

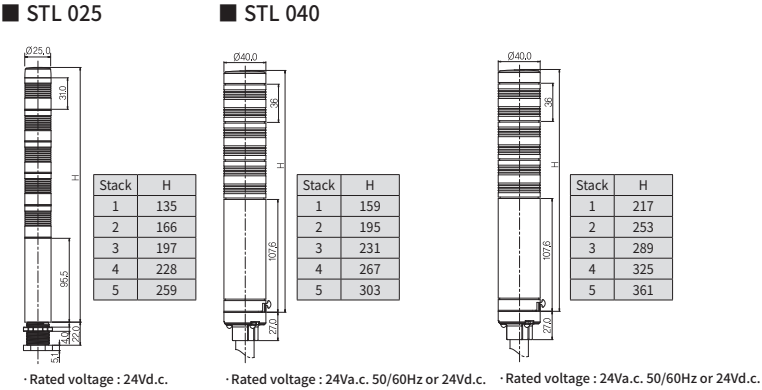
Specification

Model	STL 025	STL040-□□□□	STL060-□□□□	STL080-□□□□
Circumference size	025	040	060	080
Function	Continuous light only	Continuous light, Flashing light, Buzzer (Selected by the external signal)		
Number of stacks	1 ~ 5 Light			
Flashing time	—	60 Times / 1 Min		
Buzzer melody type	—	Single melody, Beeping/Volume of buzzer spreads out to 1 m)		
Buzzer melody volume	—	Approx. 75dB Approx. 85dB		
Power supply voltage	24VDC	24Va.c. 50/60Hz or 24Vd.c., 100-240Va.c. 50/60Hz		
Drive	Relay drive	Relay, NPN, PNP transistor open collector driver 24Va.c. 50/60Hz or 24Vd.c.		
	NPN transistor(polarity : N type), PNP transistor(polarity : P type)	Relay, NPN, PNP transistor open collector driver 24Va.c. 50/60Hz or 24Vd.c.		
	Open collector drive			
Power consumption	Approx 4W (5th stack standard, 0.6 W for each stacks)	Approx 8W (5th stack standard, 1.2 W for each stacks)		
Light source	LED			
Radiating angle	360°			
Lens material	Polycarbonate(PC)			
Pipe material	Aluminum			
Lens color	Red, Yellow, Green, Blue, White			
Degree of protection	IP54			

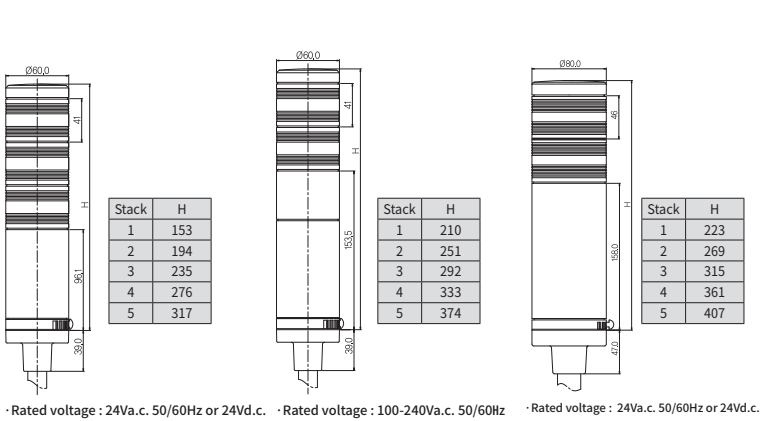
Buzzer melody adjustment



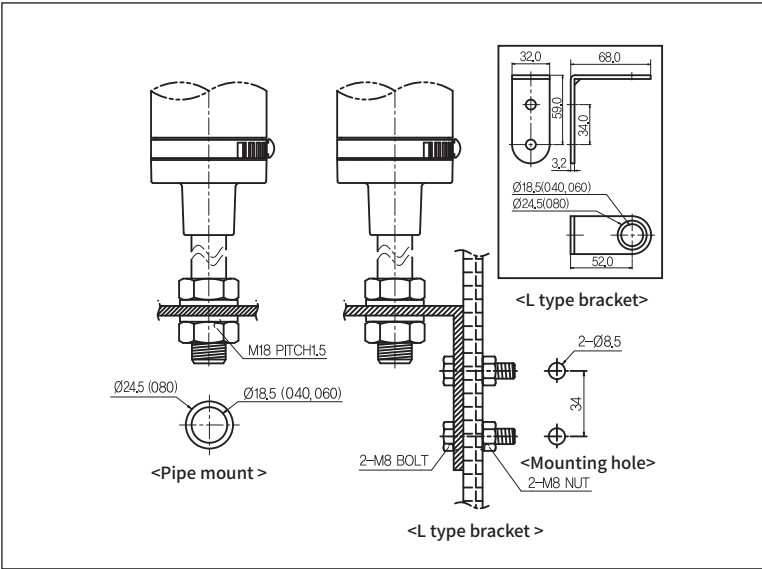
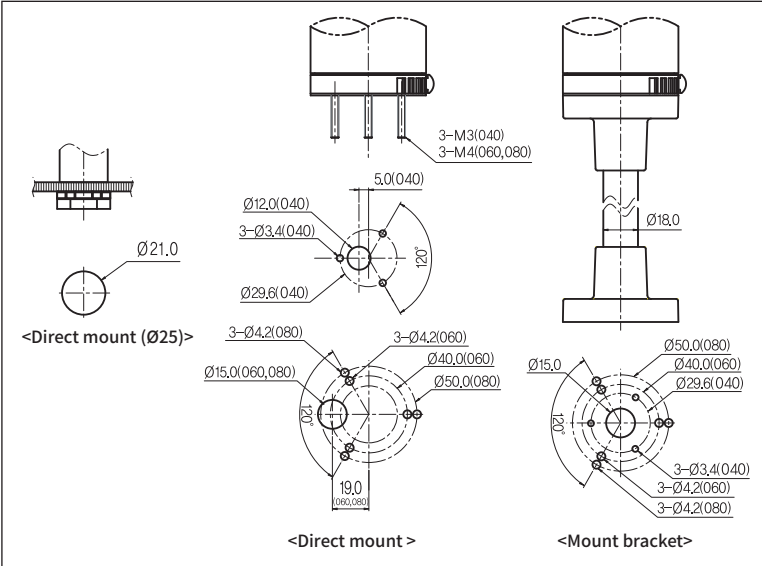
Dimension



STL 060



How to install



※ Fixing must be done carefully in selected place as horizontal or vertical surface that are not shaking too much.

Connection diagram

