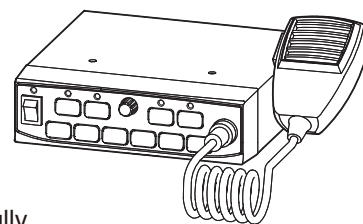


# Controllable AMP for Warning Light Bar

## SAMP



Thank you for purchasing Qlight's products. Please read this user manual carefully prior to installation and operation to ensure safe and correct use.

### Precautions for Safety

Failure to follow the instructions below may cause a loss of life or serious physical injury.

1. During wiring or maintenance, please completely turn off the power of the product. (Failure to follow this may lead to an electric shock.)
2. Do not install the product in locations that subjects it to excessive dust or water other than the conditions designated by the IP protection ratings indicated for each product. (Failure to follow these instructions may cause a fire to the product, electric shock, physical injury, malfunction or damage to the product.)
3. Do not alter or repair this product. If maintenance or repair service is required, please contact your local Qlight contact point. (Failure to follow these instructions may lead to fire, electric shock, or product damage.)
4. Please apply the correct voltage to the product. (Failure to follow these instructions may lead to fire, electric shock, or product damage.)
5. When the product is applied to a condition that may impact lives or property, please make sure to have a double safety device. (Failure to follow this may cause damage to property, fire, electric shock and loss of life.)

### Precautions for Correct Use

Failure to follow the proper instructions may cause damage to property, the product, or malfunction of the product that would void the warranty.

1. Please remove any objects that can interrupt ventilation around the product.
2. Please turn off the power of the product immediately if it fails to operate properly.
3. Carefully wire the product according to each product's specification.
4. Please be careful in preventing chemicals such as thinner, benzene, etc. in contact with the surface of the product.
5. Do not apply excessive force/impact to the product.
6. Failure to follow any of the instructions above may cause malfunction or damage to the product, fire, and electric shock.

## Ordering Specifications

SAMP	-	12
[Model number]		[Voltage]
• SAMP		• 12-DC12V • 24-DC24V

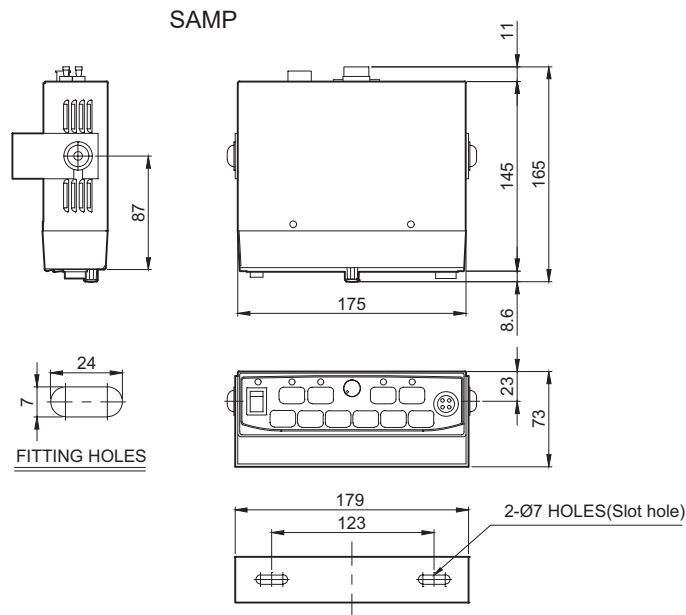
## Product Specifications

Model number	Voltage	Current	Sound pattern	Frequency/Repeat time	Certificate	Weight
SAMP	DC12V DC24V	5.20A 2.50A	Fire	300-700Hz/ 140cycle	-	1.09kg
			Emergency	350-750Hz/ 14cycle		
			Ambulance	610-690Hz/ 50cycle		
			Buzzer	2,200Hz		
			Horn sound	595-1,040Hz		

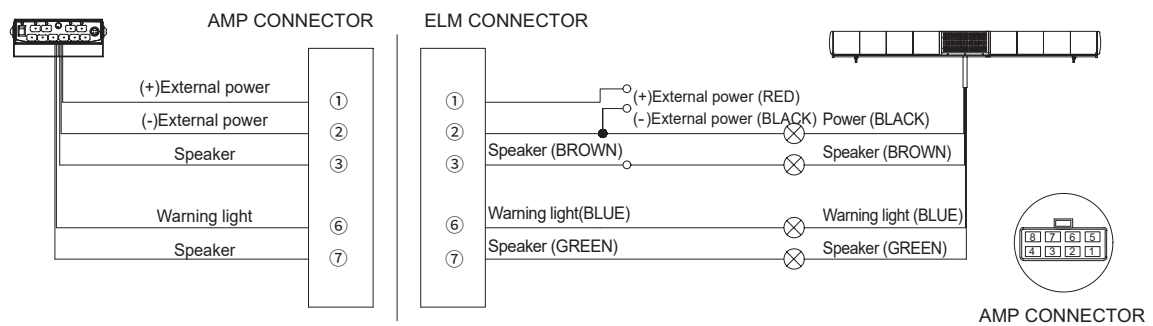


Please scan the QR code for more detailed product information.

[www.qlight.com](http://www.qlight.com)

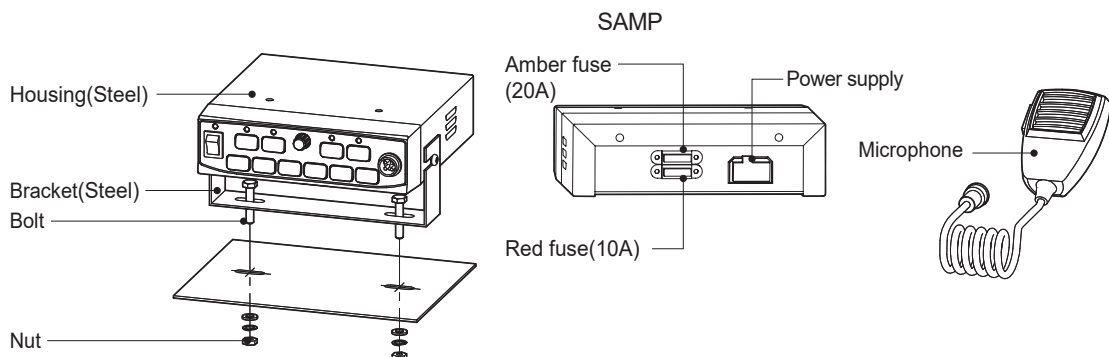


## Wiring Instructions



- Please connect AMP connector to ELM connector.
- Refer to the connector pin map above for wiring instructions.
- For the power unit, please make sure to use a fuse to ensure the product operates properly.
- Please wiring instructions to Warning Light Bar(ELM).

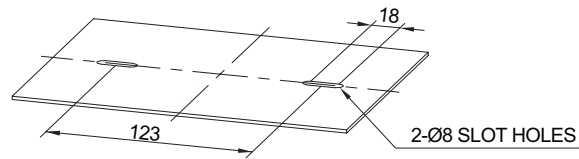
## Parts Definition/ Installation



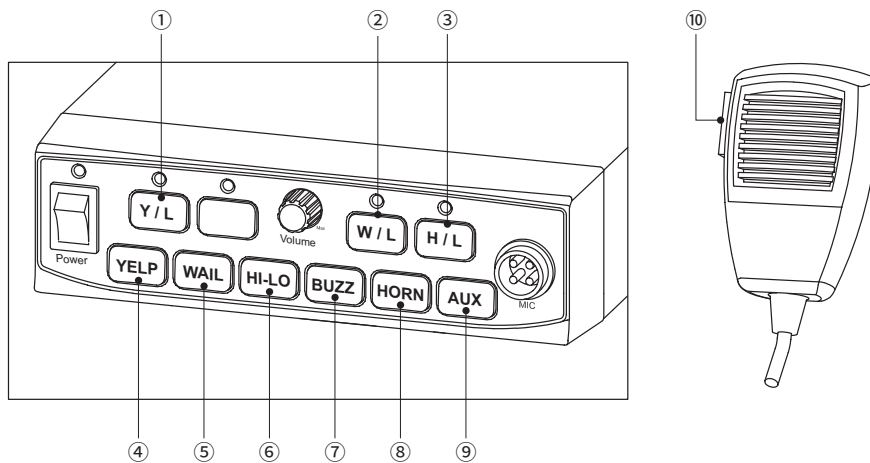
- First, machine taps or holes on the mounting surface .
- The mounting hole of this product is 7mm in diameter.
- Insert the bolt through the hole of the product, and tighten the nut from the opposite side of the mounting surface.
- Please fasten the nuts until the bolts are tightened securely.
- Use a flat washer and spring washer in the bolt assembly if the product will experience severe vibration and shock.

## Mounting Hole Specifications

- Machine holes on the mounting surface referring to the diagram below.



## Product Functions



Number	Functions	Action
①	Emergency button	Policy sound on, entire warning light bar
②	Warning light button	Warning light on
③	Emergency sound/warning light button	Emergency sound on, entire warning light bar
④	Policy sound button	Policy sound on
⑤	Fire sound button	Fire sound on
⑥	Emergency sound button	Emergency sound on
⑦	Buzzer sound button	Buzzer sound on
⑧	Horn sound button	Horn sound on
⑨	AUX button	use of external inputs
⑩	HOOK KEY	Button for voice announcement when pressed down.



For your safety

Specification and dimensions listed in this catalogue subject to change without notice for product quality improvement.  
The newest product information is available on our website.(www.qlight.com)  
Please read the instruction manual attached to the product carefully before installation and use.

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You can expect prompt service if you have exact information such as model name, symptom, telephone number and address.

※ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

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