

Patent No. ZL 2011 2 0289179.9



AS210/AS211/AS212



YH10-2 Configuration speaker



YH25-3 Configuration speaker



YH50-3 Configuration speaker



SE gooseneck microphone



SS-A handheld microphone

Applications

Used in the cabs of engineering machinery (travelling cranes , crawler cranes, truck cranes and etc.) , port machinery (gantry crane , overhead travelling cranes and etc.) .

Major functions and features

- Speaking prior to alarm.
- Volume adjustable.
- Microphone & Loudspeaker available.
- Various tones to choose from.
- Visible and audible alarm synchronous (optional).
- Power off memory, can hold the setting data.
- Several kinds of combination mode for choose.
- Nice appearance, convenient operation.

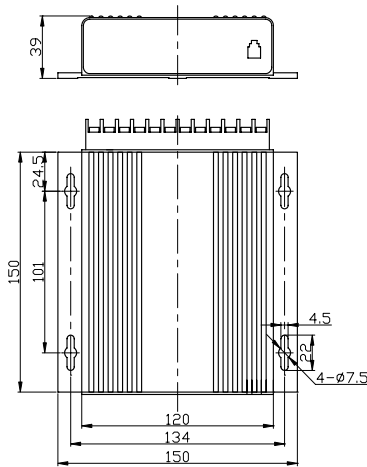
Specifications

Supply voltage	AC110V~265V/DC110V~260V	Frequency	50Hz ~ 60Hz
Alarm tone	A、 B、 E (customized available)	Standard	GB/8108-1999
Speaker	10W/8Ω 25W/16Ω 50W/16Ω	dB	106dB~110dB
Power	10W/25Wx1/25Wx2/50W	Output Carrier power	200W
Ambient temperature	-30°C ~ +60°C	Material	Aluminum alloy
Humidity	10% ~ 95% (non-condensing)	Weight	1.5kg

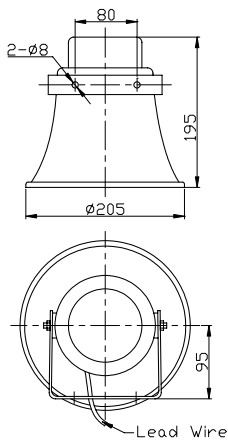
Installation and operation

- Mount the device onto mounting surface with 4 X M6 screws, the mounting surface should have enough strength to hold the device.
- Make sure power supply is matched to the device' s rated voltage, and noted the Polarity, Wiring the device base on "wiring drawing" to connect external devices, and please take notice of negative and positive pole when connect the gooseneck microphone.
- Power on, the red power indicator lighting, push the key of 'ON/OFF' the indicator off, and the controller will be the standby mode, push again the controller will be the operation mode.
- Audio-visual alarm separately , Push the "alarm indicator" switch, the yellow indicator lighting, and the alarm light terminal with AC220V output at the same time. Push again will be off. Choose Audio-visual alarm synchronously mode need push alarm-indicator and alarm-button.
- Audio-visual alarm separately : only alarm system work when push the alarm-button.
- Audio-visual alarm synchronously :When push the alarm button, alarm system operation, and at the same time, yellow indicator will lighting, the alarm terminal with current output, loudspeaker will with alarm, push the alarm button again, alarm system and indicator will stop at the same time to obtain the Visible and audible alarm synchronous function.
- Tone select ,push the tone button, the A、 B、 E tone will be alarm cycles, please choose the tone you want.
- Volume adjust, through the ^ and v of Volume to turn up and turn down the volume, if under the alarm condition, push the ^ and v of Volume to turn up and turn down the alarm volume; Push the microphone switch can be speaking, and constant push can adjust the volume of speaker.
- Gooseneck microphone connected in the back board terminal, please noticed the negative and positive pole, handheld speaker connected in the frond board MIC, push the speaker switch, or close the gooseneck microphone can be speaking amplifier, at this time can through the volume adjust button to turn up and turn down the volume.

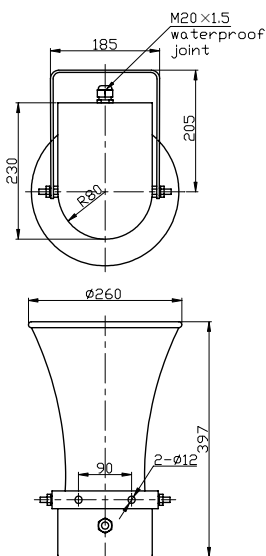
Controller mounting dimension (unit : mm)



Loudspeaker mounting dimension (unit : mm)



YH10-2 loudspeaker

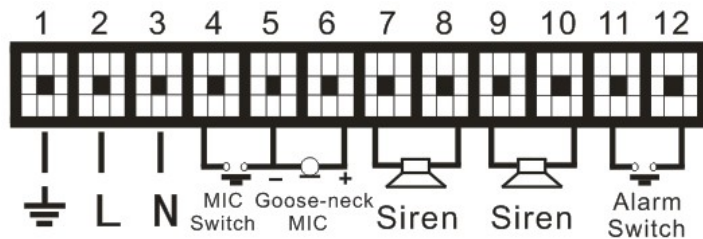


YH25-3 loudspeaker

Operation panel



Wiring diagram :



1 - Safety ground

2.3 - Work power input:AC110V-265V/DC110V-260V/other

4.5 - Goose-neck MIC control switch

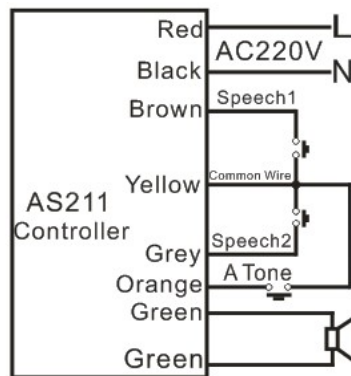
5.6 - Goose-neck MIC NO.5 terminal (-), NO.6 terminal (+)

7.8 - Siren

9.10 - Siren

11.12 - Long-distance alarm switch

AS210/AS211/AS212 wiring diagram



Red - Work Power

Black - Work Power

Yellow - Alarm Switch Common Wire

Brown - Speech1 control wire , Connect yellow wire then Speech1 work

Grey - Speech2 control wire , Connect yellow wire then A tone work

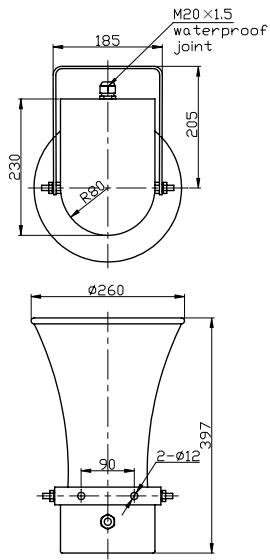
Orange - Alarm sound A tone control wire , Connect yellow wire then A tone work

Green - Two green wire connect siren

AS211 wiring diagram

Loudspeaker mounting dimension

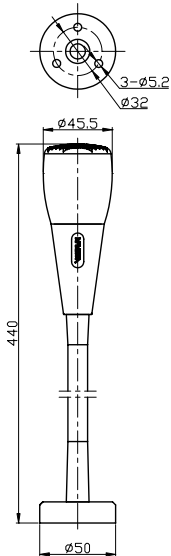
(unit : mm)



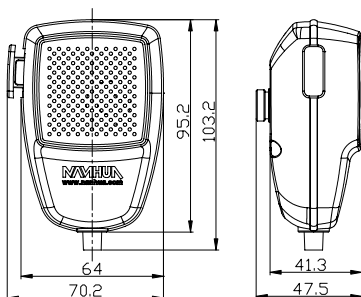
YH50-3 loudspeaker

Gooseneck microphone mouting

dimension : (unit : mm)


Handheld microphone mouting

dimension : (unit : mm)


Selection table

Model	AS210	AS211	AS212
Installation	Flat installation	Flat installation	Flat installation
Tone	A/B/E/ Speech	A/B/E/ Speech	A/B/E/ Speech
Loudspeaker	10W/8Ω(YH10-2)	25W/16Ω(YH25-3)	50W/16Ω(YH50-3)
Microphone	SE/SS-A	SE/SS-A	SE/SS-A
Power	10W	25W×1/25W×2	50W

Notice

- The controller of this product is the indoor type.
- Wiring correct, please avoid overload and Short circuit.
- Check the supply power whether can match the rated power.
- Loudspeaker power should with the standard configuration.
- Temperature increasing when using will happen.
- Do not open controller box. Any questions please contact us.
- Please use this device after reading instruction manual.
- Any questions please contact us.

Application
