controller

YH25-3/YH50-3   YH10-2
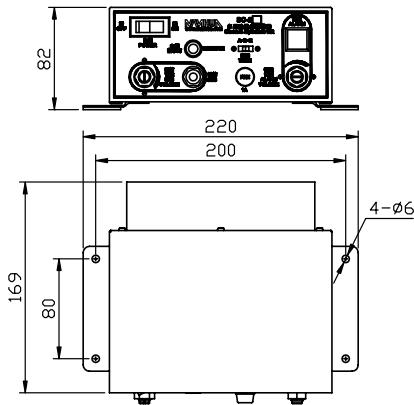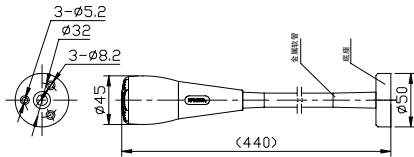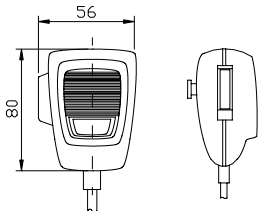

SE   SS

Mounting dimension diagram(unit :mm)

controller

SE Goose-neck microphone

SS Speaker microphone

Applications

Used in the cabs of engineering machinery（travelling cranes、crawler cranes、truck cranes etc.）、harbor crane（gantry crane、bridge crane etc.）.

Major functions and features:

- Various tones for selection
- Volume adjustable
- Microphone & Loudspeaker available
- With alarm time delay funcion (optional)
- Give warning light and alarm at the same time (optional)
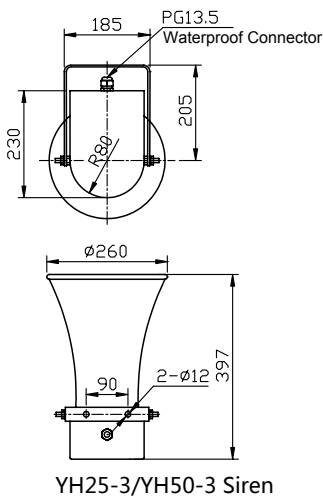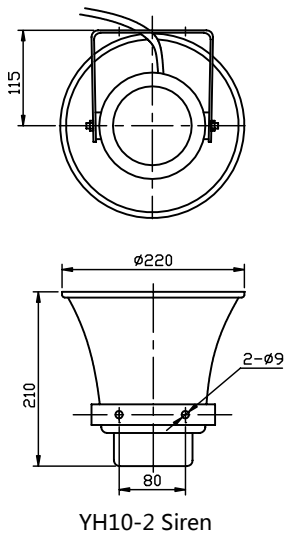- Several kinds of combination mode for choose

Specifications:

Voltage	AC24V/AC36V/AC110V/AC220V/AC380V/DC24V (optional)	Frequency	50Hz~60Hz
Alarm tone	A、B、E（customized available）	Power	10W~50W
Speaker	50W/16Ω	dB	106dB~110dB
Working temperature	-20℃ ~ +70℃	Material	Controller : Cold-rolled plate
Working humidity	10% ~ 95% (non-condensing)	Weight	controller : 3kg

Mounting & operation:

- Mount the device onto mounting surface with M5 screws, the mounting surface should have enough stength to hold the device.
- Wiring the device base on "wiring schematic"，connect external devices like microphone and loudspeaker. Connect power cable, ground cable; turn the power on after double check.
- Speak into the microphone by pressing the switch; Send alarm signal by pressing switch on the front panel or at the back panel; volume could be adjusted depends on the background noises.
- Select alarm tone by switch the "tone switch".

Notice:

- Controller is for indoor use only.
- Connect cables in the right way, do not shortcut.
- Speaker power should with standard configuration.
- Temperature increasing when using will happen.
- Do not open controller box. Any questions please contact us.
- Do not empty load the speaker output terminal on controller to prevent burn out.

YH10-2 Siren

PG13.5
Waterproof Connector

YH25-3/YH50-3 Siren

Application

Mode selection

Mode	Configuration	Wiring schematic
BC-2Y / BC-2Ⅱ	controller + SS microphone + YH10-2 10W/8Ω 1pcs	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ — L N Power Input — MIC Control Switch — Goose-neck MIC — 10W Siren — Long-distance Alarm Control Switch
BC-2B	controller + SS microphone + YH25-3 25W/16Ω 1pcs	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ — L N Power Input — MIC Control Switch — Goose-neck MIC — 25W Siren — Long-distance Alarm Control Switch
BC-2C	controller + SS microphone + YH25-3 25W/16Ω 2pcs	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ — L N Power Input — MIC Control Switch — Goose-neck MIC — 25W Siren — 25W Siren — Long-distance Alarm Control Switch
BC-2F	controller + SE microphone + YH25-3 25W/16Ω 1pcs	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ — L N Power Input — MIC Control Switch — Goose-neck MIC — 25W Siren — Long-distance Alarm Control Switch
BC-2K	controller + SE microphone + YH50-3 50W/16Ω 1pcs	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ — L N Power Input — MIC Control Switch — Goose-neck MIC — 50W Siren — Long-distance Alarm Control Switch
BC-2X	controller + SE microphone + YH25-3 25W/16Ω 2pcs	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ — L N Power Input — MIC Control Switch — Goose-neck MIC — 25W Siren — 25W Siren — Long-distance Alarm Control Switch
BC-2W	controller + SS microphone + YH50-3 50W/16Ω 1pcs	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ — L N Power Input — MIC Control Switch — Goose-neck MIC — 50W Siren — Long-distance Alarm Control Switch