



AS201/AS201C/AE205

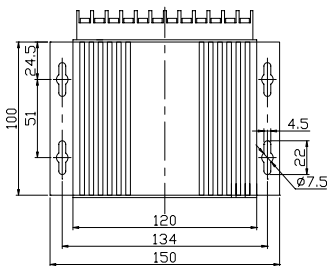


AS201A/AS201C/AE205

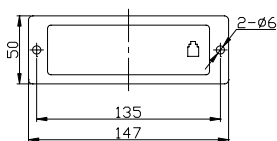
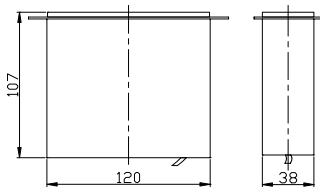


YH80-1

Mounting dimension (Unit:mm)



AS201/AS201C/AE205



AS201A/AS201C/AE205

Applications

Specially design for cabs of hoisting machinery (tyre crane, crawler crane, overhead traveling cranes, etc.), harbors machinery (gantry cranes, bridge crane, 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).
- Several kinds of combination mode for choose.
- Nice appearance, convenient operation.

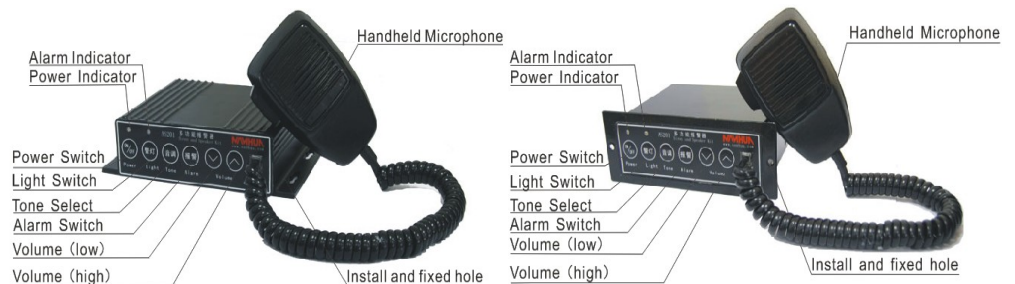
Specifications

Operating voltage	DC12V/DC24V	Standard	GB/8108-1999
Tone	A、 B、 E (Customized)	Power consumption	30W/50W
Speaker	80W/8Ω(Standard 1 piece) ; 80W/16Ω(Standard 2 pieces)	Sound level	106dB~110dB
Ambient temperature	-20°C ~ +70°C	Material	Aluminum alloy
Humidity	10% ~ 95% (Non Coagulation)	Weight	1kg

Installation and Operation

- Use M5 or M6 screws to fasten to the mounting surface, the mounting surface should level-off and have enough mechanical strength.
- Ensure the input power is in line with the operating voltage of the controller box and take care of polarity. Connect to the marked accessories as per the wiring diagram.
- Connect the power, red light working, press 'ON / OFF' button on control panel , the light off, while the control box into standby mode, press the control box it will be into work mode.
- Audio-visual alarm separately , Push the "alarm indicator" switch, the yellow indicator lighting or the alarm light terminal with DC24+/DC12V+ output at the same time. Push again will be off, take care of the positive and negative polarity.
Audio-visual alarm synchronously, there will be no any effect pushing the "alarm indicator" .
- Audio-visual alarm separately: The alarm system works pushing the "alarm" button. The horn sends out the alarming voice. The system stops pushing the button again.
Audio-visual alarm synchronously: alarm system and warning light works at the same time by pushing the "alarm" button. Both of them stop pressing the button again.
- Tone selection :push the tone button, the A、 B、 E tone will alarm circularly , 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.
- If the system adopts wire connection mode, connect the accessories based on the marked color cable and connect to the control system perfectly.

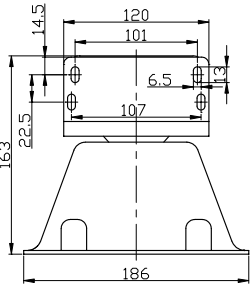
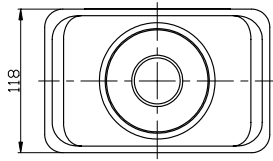
Panel function introduction



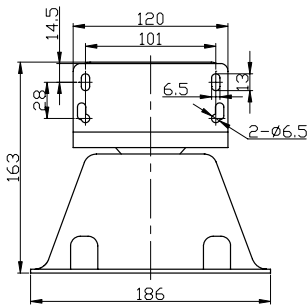
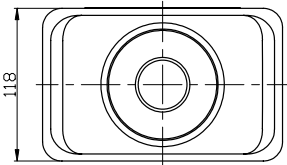
AS201/AS201C/AE205 (Flat mounting)

AS201A/AS201C/AE205 (Embedded mounting)

Speaker mounting dimension(unit : mm)

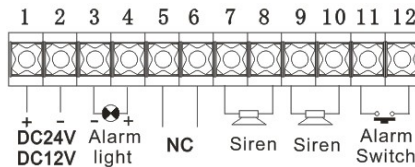
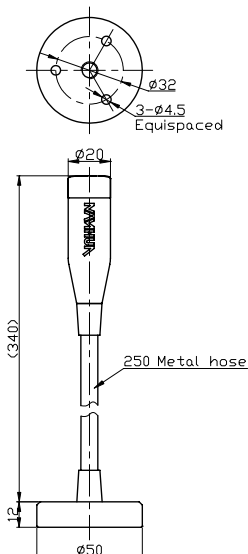


YH80-1mounting dimension 1



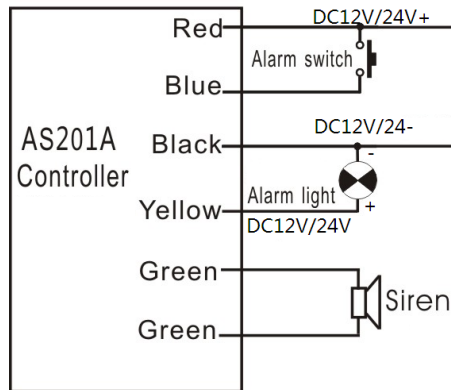
YH80-1mounting dimension 2

SE-X mounting dimension (Unit : mm)



- 1. 2 — Work power input: DC24V/DC12V
- 3. 4 — The alarm control switch control power output (DC24V/DC12V alarm light)
- 5. 6 — NULL
- 7. 8 — Siren
- 9. 10 — Siren
- 11. 12 — Long-distance alarm switch

AS201Wiring diagram (Tone A+ one B+ Tone E)



AS201/201A Wiring diagram (Tone A+ one B+ Tone E)



SE-A

SE-B

SE-A uses $\Phi 3.5$ standard plug, matching, AS201A/AE205 control box rear panel;
SE-B standard crystal plug is connected with AS201 control box front panel;
SE-X using $\Phi 3.5$ standard plug, matching, AS201A/AE205 control box rear panel.

AE205/AS201C wiring diagram

Color	Function	Color	Function
Red	DC24V+	Gray	Turn right
Black	DC24V-	Orange	Fire alarm/Long tone
Yellow	Output DC24V+	Blue	Alarm switch/Engineering tone
White	Tone switch/car back	Green	Speaker
Brown	Turn left	Green	Speaker

Note Unique function: more than power lines and other features speakers outside the line of unified access; and has priority function, that is propaganda PA> "(white) Parking / Audio Switch" (brown)> turn left = (gray) turn right> "(orange) fire / long tone"> (blue) alarm switch / Engineering tone.

AS201A wiring diagram

Color	Function	Color	Function
Red	DC24V+	Green×2	speaker
Black	DC24V-	Yellow	Output DC24V+ (connect alarm light)
Pink	Voice1	Purple	Voice2
Brown	Voice3	Gray	Voice4
Blue	Voice5	White	Voice6
Orange	Alarm voice		

AS201/AS201A/AS201C/AE205 back panel function instruction



Goose-neck MIC(SE-A)
/Audio signal input



External connection
cable and power cable

Application



Note※Unique function: more than power lines and other features speakers outside the line of unified access; and has priority function, that is propaganda PA>(pink)voice1=(purple) voice2. The context of the voices refers to the wiring diagram on the back of the case.

Selection table

Model	Controller installation	Wiring mode	MIC	Tone
AS201	Flat installation	Terminal connect/wiring connect	SS-A/SE-A/SE-B	A/B/E
AS201A	Embedded installation	Wiring connect	SS-A/SE-A/SE-B/SE-X	A/B/E/voice
AS201C	Flat installation Embedded installation	Wiring connect	SS-A/SE-A/SE-B	A/B/E/voice
AE205	Flat installation Embedded installation	Wiring connect	SS-A/SE-A/SE-B	A/B/E/voice

Notice

- This product control box is only suitable for interior installed.
- Correct wiring, do not short circuit.
- Check Power and alarm rated voltage in accordance.
- Speaker power should be standard.
- Control box warming is normal when working.
- Do not open the chassis.
- Please read this manual before using this product.
- Any questions in operation please contact us.