

CJB-80CD/100CD/150CD

MANUAL



ISO9001 : 2008 quality management certification

ISO14001:2004 environment management certification

ISO18001:2007 health and safety management certification

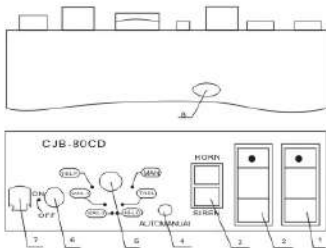
General description:

CJB-80CD/100CD/150CD are the shapes of thin thickness siren series to satisfy new century's police demand. They are with attractive out looking, complete function and including all sorts of warning tones (e.g. Siren, wail-2, tool, yelp, hi-lo, tool, wail-1, horn etc), a microphone and soon. All warning tones are shown by display. Meantime CJB-80CD/100CD/150CD can control the light directly. Their tone and performance are conformed to the GB8108-1999 national criterion. They are very popular for police car, fire engine, traffic supervision car, and ambulance and so on.

Main technical performance:

Model Name	80CD	100CD	150CD
Work Voltage	DC12V		
Power	80W	100W	150W
Impedance	16Ω	8Ω	6Ω
Tone character	Siren, wail-2, tool, yelp, hi-lo, wail-1, horn		
Handhold Mike	Handhold mike with control mike		
Over size	146.5×139.5×38		

Button name & function instruction:



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1. Light controller 1: it drives 20A positive output .
2. Light controller 2: it drives 20A positive output .
3. Manual switch: push upwards, it is horn, and down wards is for clear the way.
4. Manual/automatic changeover switch: press in for manual and free model for automatic.
5. Warning tone selector switch: turn the switch to choose six different warning tones.
6. Power switch with sound controller: turn on the power, turn to the end at anti-clockwise, the power being closed; turn it by clockwise, the power is open and goes on turning for sounds controller.
7. Mike.
8. Clear-way button.
9. Input down lead and output down lead with socket

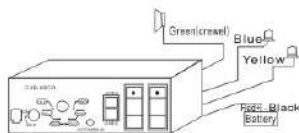
1. After check the connection is correct, turn No:6 Power switch with sound controller by clockwise to turn on the power.
2. Automatic warning tone working mode:
 - a) Turn No:5 Warning tone selector switch to the suitable rank where you need
 - b) Adjust No:6 volume controller at the suitable volume.
 - c) Close: turn No:6 Power switch with sound controller by anti-clockwise to turn off the power.

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3. Warning tone worked by manual mode:
After press No:4 Manual/automatic changeover switch, choose siren tone by No:3 manual switch push upwards, it is horn, and downwards is for clear the way, free model is for replacement.
4. When you use the microphone amplifier to announce, you only need to press on the controlling switch at the side of mike to connect the sound signal, and adjust the volume by No:6 sound controller.
5. Light control: Light control button 1, and light control 1 button 2 both are for optput positive 20A and their voltage is the same as the voltage of power supply. Two groups are controlled separately at their way and are not influenced by siren button
6. Make switch button 8 on the left or right by tool to choose two different clear way tones.

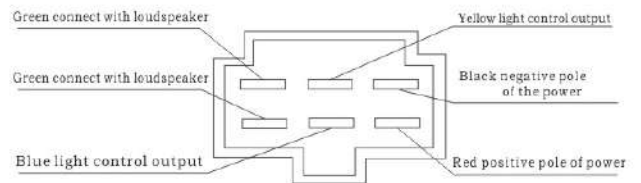
Connection diagram:

Circuit connection drawing:



CJB80CD/100CD/150CD

A wiring diagram of the 80W/100W/150W lamp



CJB-80/100CD/150CD socket down-lead (Detached Type)

Packing list:

Model	80CD	100CD	150CD
Name	Siren (including bracket and mike)		
Loudspeaker	16Ω/80w one piece	8Ω/100w one piece	6Ω/150w one piece
Siren fuse	10A one piece	10A one piece	10A one piece
Light controller fuse (only for CD series siren)	20A two pieces		
Connection wire	One pair		
Manual	One set		
Mike pothook and screw	One set		

Attention:

1. The above series siren is only available for the law enforcement department.
2. Before open the siren, the user should be far away the source of sound from loudspeaker and warn the people nearby to avoid being frightend.
3. Electronic siren should be installed away from hot source and keep in drafty place.
4. Its design is without waterproof.
5. Non-profession technician is allowed for installing or removing the connection wire optionally.