

# MDS40 Motorcycle Siren & Speaker



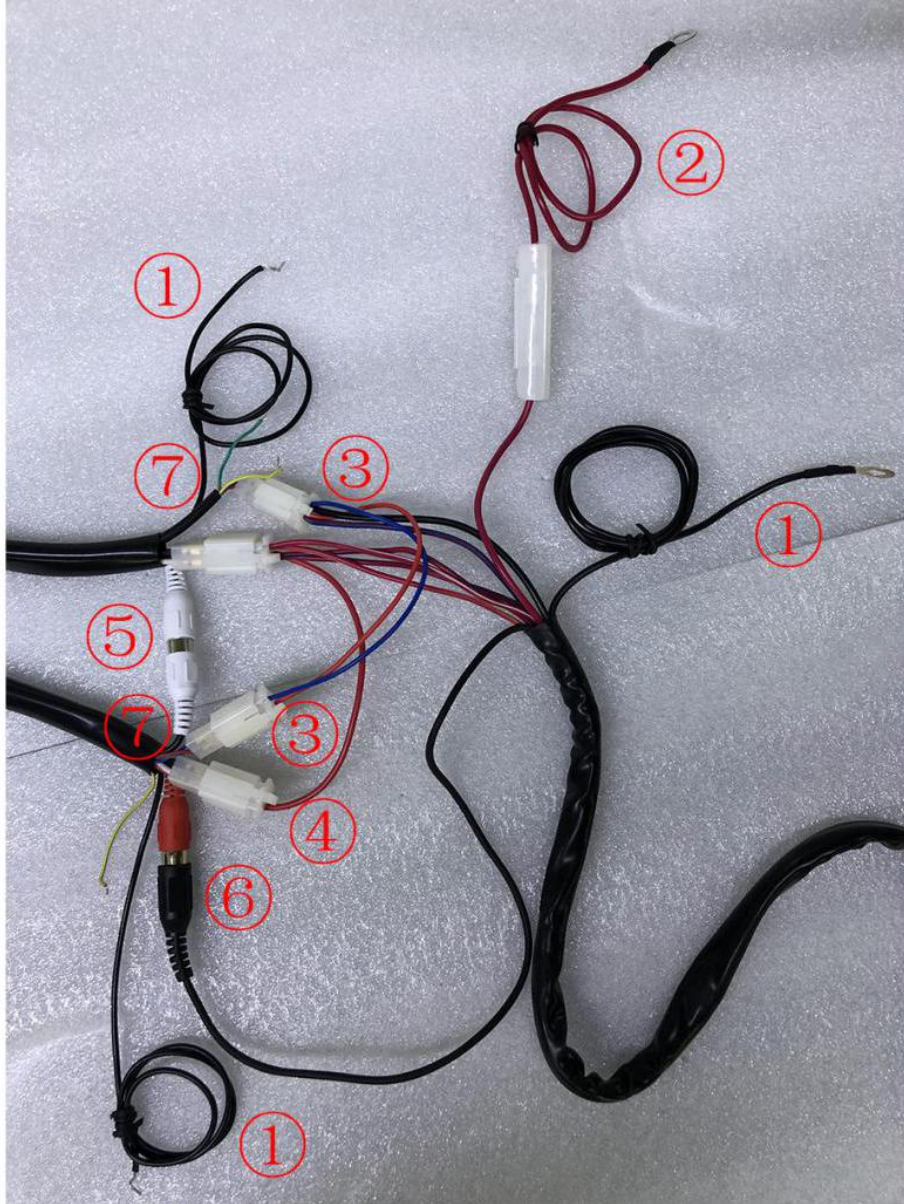
MDS40 Motorcycle Siren And Speaker

## System Specification

### Siren Specification:

Input Voltage:	12V DC
Temperature Range:	-40°C to +55°C
Current:	Each light: 0.3-0.6A, Each speaker: 1.4-1.5A
Stand By Current:	30mA
Power Output:	40W x 2=80W
Main Fuse:	10A
Feature 1:	Alarm, Lamp
Feature 2:	3 Tones (wail, yelp, horn)
Feature 3:	Included Mic
Speaker Impedance:	6 Ohm
LED	5Pcs 1W LEDs *2
Audio Response:	20Hz-10KHZz
Audio Power:	40W x 2
Harmonic Distortion:	Less than 0.1%
Input Impedance(PA):	more than 4000 Ohms
Frequency Range:	715 to 1500HZ
Matrrial:	UV-resistant PC lens & PA
Siren Overload Protection:	Siren Overload Protection Turn off for until the overload disappears then Auto Restart
Nominal Cycle Rate:	Wail - 15 cycles/min. Yelp - 105 cycles/min.

## Wiring Diagram



- ① Black wire: Negative
- ② Red wire: Positive
- ③ Control the lights: Thick Red wire: Positive; Thick blue wire: Negative
- ④ Speakers: Red wire: Positive
- ⑤ Siren connectors
- ⑥ Mic connectors
- ⑦ Lights alternate: connect one of the Thin green wires to positive.  
Lights sync: connect two of the Thin green wires to positive.  
Pattern change: Connect the two thin yellow wires together to positive less than 1 second to change the flash patterns.

## Operation:



## Safety Regulations

The following provides all the information necessary to safely operate the previously listed products of our company .

Please read this manual thoroughly before installing or operating your new product in order to prevent any damage or injury. Failure to follow the listed instructions in this manual may result in damage to your products or personal injury.

- Proper installation of this product requires good knowledge of automotive systems, electronics and procedures.
- Please guarantee all vital components of the vehicle are not in danger of being damaged by drilling holes necessary for installation. Check all sides of the mounting surface before drilling any holes into the vehicle.
- Do not install this product in any way that interferes with the deployment of the air bag. Doing so may damage the effectiveness of the air bag and can lead to serious personal and vehicle injury. The installer will assume full responsibility of proper installation of the new unit.
- The product's ground wire must be connected directly to the Negative (-) battery post for effective use of the unit.
- Please follow all wiring guidelines provided to guarantee long lifespan and productivity. Failing to follow these instructions may result in damage to the product.

## Service After Expiration

We will still provide service for all products after expiration of the warranty. For any issues, call the customer support line or email us.