

# SDC100W

## 100W Siren Amplifier



12~24VDC



### FEATURES

- Remote siren with small size is a ideal solution for space limited installation.
- Class D amplifier design for low current draw, clean sound output, higher efficiency and longer speaker lifespan.
- Programmable 11ohm or 8ohm output can operate with single 100w speaker or dual 50w speakers (4ohm in series connection).
- Programmable tone group meets various country standards.
- "Record-n-Play" that records message and play instantly without using a memory card.
- Siren Interlock that disable siren activation without primary warning.
- Optional standard PA/Microphone.
- Short circuit, over/low voltage and overcurrent protection.
- Meet ECE R10 and CISPR 25.

### SPECIFICATIONS

**Compliance:** ECE R10

**Input Voltage:** 12-24 VDC

**Siren Output Power:** 100w

**Output Load:** 100W-ACR 11Ω

**Siren Frequency:** 373Hz- 1594Hz

**Max. Current:** 9.5A @ 12VDC / 4.5A @ 24VDC

**Standby Current:**

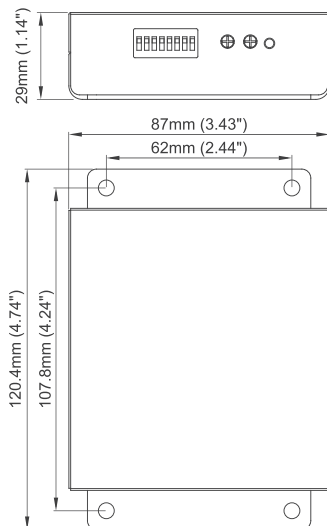
(w/o IGN wire) 2mA @ 12VDC / 3.5mA @ 24VDC

(w/ IGN wire) 0.3A @ 12VDC / 0.2A @ 24VDC

**Operating Temp:** -40°C to 65°C

- I/O:**
- +VDC,
  - -GND,
  - Speaker Output+-
  - IGN (Ignition)
  - Siren Tone,
  - Siren Interlock
  - Radio Re-Broadcasting,
  - Day/Night Mode
  - Radio Audio Input +-
  - Record-n-Play
  - Horn Ring Transfer Input

### DIMENSIONS



### SELECTABLE TONE GROUP

| No. | COUNTRY                  | STONE          | FREQUENCY(Hz)   | CYCLE/MINUTE    |
|-----|--------------------------|----------------|-----------------|-----------------|
| 1   | USA/ UK<br>INTERNATIONAL | STANDARD 1     | 763 ~ 1594      | WAIL 12 C/M     |
|     |                          |                | 763 ~ 1594      | YELP 157 C/M    |
|     |                          |                | 450-598         | TWO TONE 40 C/M |
| 2   | USA/ UK<br>INTERNATIONAL | STANDARD 2     | 763 ~ 1594      | WAIL 12 C/M     |
|     |                          |                | 763 ~ 1594      | YELP 157 C/M    |
|     |                          |                | 450-598         | TWO TONE 40 C/M |
| 3   | USA/ UK<br>INTERNATIONAL | STANDARD 3     | 763 ~ 1594      | WAIL 12 C/M     |
|     |                          |                | 763 ~ 1594      | YELP 157 C/M    |
| 4   | USA/ UK<br>INTERNATIONAL | STANDARD 4     | 763 ~ 1594      | WAIL 12 C/M     |
|     |                          |                | 763 ~ 1594      | YELP 157 C/M    |
| 5   | FRANCE                   | GENDAMERIE     | 434-729         | TWO TONE 54 C/M |
| 6   | FRANCE                   | POLICE         | 434-581         | TWO TONE 54 C/M |
| 7   | FRANCE                   | AMBULANCE      | 420-515-420     | TWO TONE 30 C/M |
| 8   | FRANCE                   | POMPIERS       | 434-487         | TWO TONE 27 C/M |
| 9   | FRANCE                   | UMH            | 434-649         | TWO TONE 54 C/M |
| 10  | GERMANY                  | CITY (STADT)   | 432-574         | TWO TONE 40 C/M |
|     |                          | COUNTRY (LAND) | 362-483         | TWO TONE 40 C/M |
| 11  | AUSTRIA                  | POLICE         | 431-574         | TWO TONE 25 C/M |
| 12  | AUSTRIA                  | AMBULANCE      | 523-393         | TWO TONE 17 C/M |
| 13  | AUSTRIA                  | FIRE BRIGADE   | 393-523         | TWO TONE 17 C/M |
| 14  | AUSTRIA                  | MAGISTRATE     | 523-393         | TWO TONE 18 C/M |
| 15  | ITALY                    | POLICE         | 465-621         | TWO TONE 20 C/M |
| 16  | ITALY                    | AMBULANCE      | 392-657-392-657 | TWO TONE 20 C/M |
| 17  | ITALY                    | AMBULANCE 2    | 392-657-392-657 | TWO TONE 20 C/M |
|     |                          |                | 763 ~ 1594      | WAIL 12 C/M     |
|     |                          |                | 763 ~ 1594      | YELP 157 C/M    |
| 18  | NETHERLANDS              | POLICE         | 373-501         | TWO TONE 33 C/M |
|     |                          |                |                 | TWO TONE 66 C/M |

### PART NO.

- S012-10030-000 (R10\_Amplifier Only)
- S012-11030-000 (R10\_Amplifier Only & Handheld Mic Set)

### COMPATIBLE SPEAKER

- JS100-C1 Compact Siren Speaker



- JS100-SP Compact Siren Speaker

