



DCS-1
REMOTE CALL STATION

DESCRIPTION

The Model DCS-1 is a duress call station with a built-in panic button, 3kHz oscillator and electret condenser microphone. They are mounted to a stainless steel faceplate that fits into a single gang electrical box (not supplied). As part of an audio duress system, Model DCS-1 can activate the Louroe Base Station when the panic button is pressed, or by sound activation picked up by the microphone. Unit is compatible only with Louroe Model ALA-4, ALA-8, DG-12II and DG-25III Alarming Base Stations. When the alarming base station is activated, personnel can monitor the immediate area around the DCS-1 location.

WIRING REQUIREMENTS

2 Conductor **shielded** cable, 22 gauge with a 24 gauge drain wire

NOTE: Unshielded cable is not satisfactory for audio systems

West Penn 452 or equivalent



WIRE COLOR CODE OF WEST PENN 452

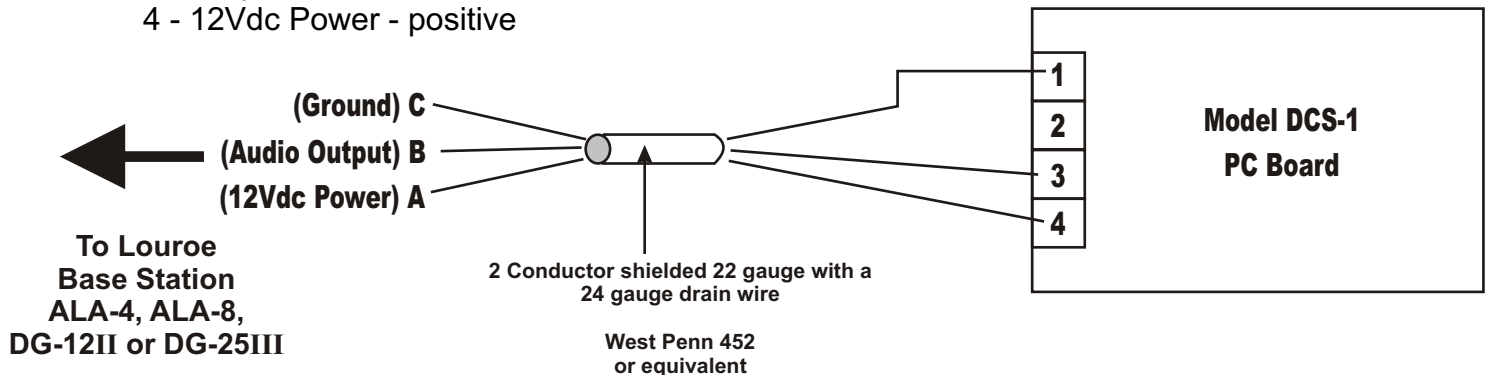
- RED** - 12Vdc
- BLACK** - Audio Output
- BARE** - Ground

If using wiring from other manufacturers, color code may vary.

WIRING CONNECTION TO DCS-1 DURESS CALL STATION

The PC board of DCS-1 contains a barrier block with four terminals marked 1, 2, 3 and 4.

- 1 - Ground or common
- 2 - Jumper (installed by factory). This terminal not used with DCS-1 installation.
- 3 - Output of oscillator
- 4 - 12Vdc Power - positive



CONNECTING MODEL DCS-1 TO A LOUROS ALARMING BASE STATION

CONNECTION TO MODEL ALA-4 OR ALA-8

Located on rear panel of ALA-4/ALA-8 is a row of terminal blocks marked:

- B+ (12Vdc power)
- Mic (Audio Output)
- Gnd (Ground)

Using recommended cable connect:

- Red wire to B+ (12Vdc)
- Black wire to Mic (Audio Output)
- Bare wire to Gnd (Ground)

CONNECTION TO MODEL DG-12II OR DG-25III ALARMING BASE STATION

Located on rear panel are 12 or 25 sets of 5-pin headers marked A, B, C, SP and G. Connect:

- Red wire to pin A
- Black wire to pin B
- Bare wire to pin C

Pins SP and G are not used with this application

Refer to installation/operation instructions of ALA-4/ALA-8 and DG-12II/DG-25III for additional information

DCS-1 DURESS CALL STATION

SENSITIVITY SWITCH OF MICROPHONE

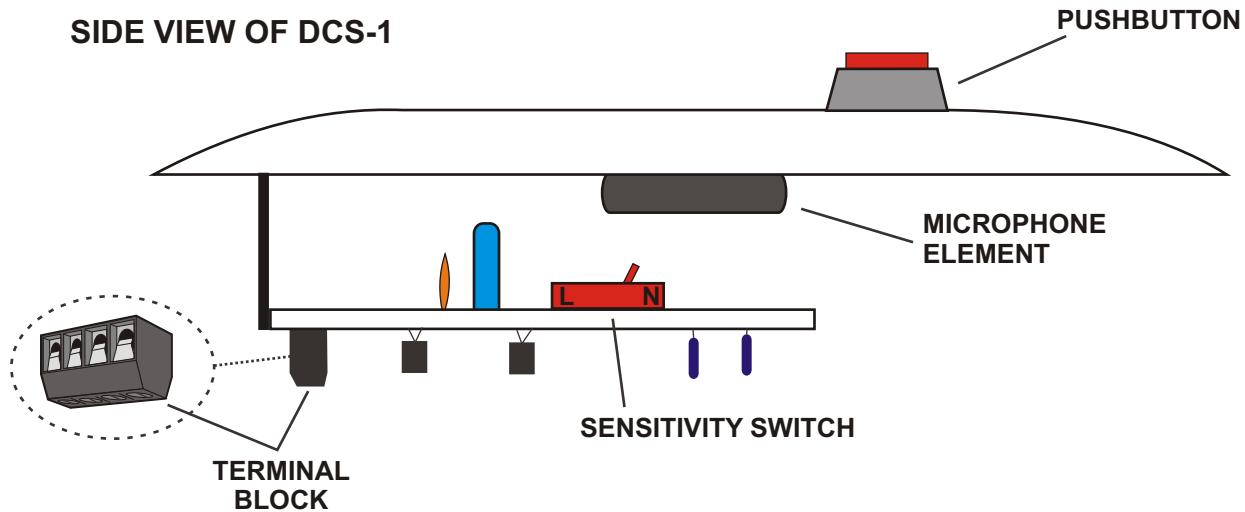
For special installations that require less microphone sensitivity, a sensitivity switch has been added to the microphone pre-amp (PC board) and has two positions - N and L:

N represents normal sensitivity (0dB output into 1K Ω)

L represents low sensitivity (-6dB output into 1 K Ω)

NOTE: Louroe Verifact microphones are always shipped with the sensitivity switch in normal (N) position. Do not change unless required.

Should an adjustment be necessary, locate the small red switch on the PC board mounted behind the back side of the stainless face plate. Using a small tool, move the slide switch from N to L

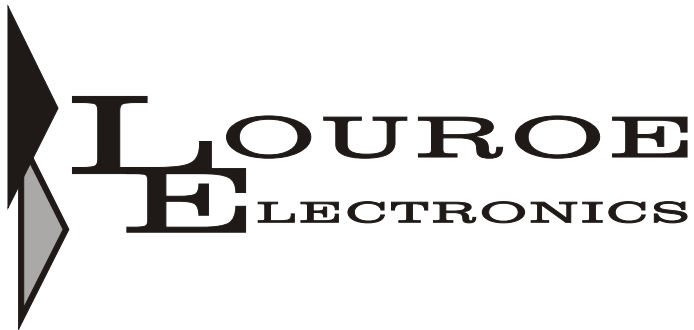


SPECIFICATIONS (MICROPHONE)

■ Output	Line Level (0 dB @ 1000 Ω)
■ Sensitivity	-65 dB \pm 4 dB
■ Frequency response	40 Hz to 15 kHz
■ Output impedance	600 Ω unbalanced
■ Current drain	4 mA

SPECIFICATIONS (OSCILLATOR)

■ Output	3 Vrms into 10K Ω load @ 3 kHz
■ Supply voltage	12 Vdc
■ Tone output	3 kHz
■ Dimensions of faceplate	4½" L x 2¾" W



MANUFACTURED IN THE



IMPORTANT NOTICE

When this equipment is used as part of an audio monitoring system, the law requires that the public be given notice of AUDIO MONITORING ON THE PREMISES. A decal notice is included with each microphone shipped.



Federal Law References:
Federal Regulations, US Code, Title 18.
Crime and Criminal Procedure, Sec 2510.

WARRANTY

LOUROE ELECTRONICS warrants that at the time of shipment products manufactured by LOUROE ELECTRONICS to be free of defects in material and workmanship. Should a defect appear within one year (12 months) from date of shipment, LOUROE ELECTRONICS will, at its sole discretion, repair or replace the defective equipment. This equipment shall not be accepted for repair or return without prior notification by LOUROE ELECTRONICS.

This warranty does not extend to any Louroe product that has been subjected to improper or incorrect installation, misuse, accident, or in violation of installation instructions provided by LOUROE ELECTRONICS.

Returned shipments to LOUROE ELECTRONICS shall be at customer's expense. LOUROE ELECTRONICS will return the equipment prepaid via best way.