



DESCRIPTION

Model DCS is a Duress Call Station with a built-in panic button and a 3kHz oscillator mounted to the back side of a single gang stainless steel electrical box (not supplied) for flush or surface mounting to a wall or flat surface.

When panic button is pressed, the DCS sends a 3kHz signal that alarms the Louroe sound activated base station. A lighted LED on the base station identifies the zone in alarm. Model DCS is compatible only with the DG-12II and DG-25III.

Model DCS can be connected directly to the above base stations or tied in with a Louroe Microphone (or speaker/microphone) for providing one-way listen or two-way talk/listen with the base station.

This type of audio system can be used in applications such as:

- parking structures
- stairwells
- elevator lobbies
- elevator cabs
- secured entrances
- detention centers

SPECIFICATIONS

| | |
|-------------------|-------------------|
| ■ Tone output | 3 Vrms @ 3 kHz |
| ■ Supply voltage | 12 Vdc |
| ■ Dimensions | 4 1/2" x 2 3/4" W |
| ■ Weight | 2.5 oz |
| ■ Shipping Weight | 1 lb |

INSTALLATION AND OPERATING INSTRUCTIONS

CONNECTING MODEL DCS DIRECTLY TO LOUROE BASE STATION

The PC Board of Model DCS contains a 4-pin terminal block marked 1, 2, 3, 4

- 1) Ground
- 2) Input from microphone (not used with this application)
- 3) Output of oscillator (3kHz)
- 4) 12Vdc power (positive)

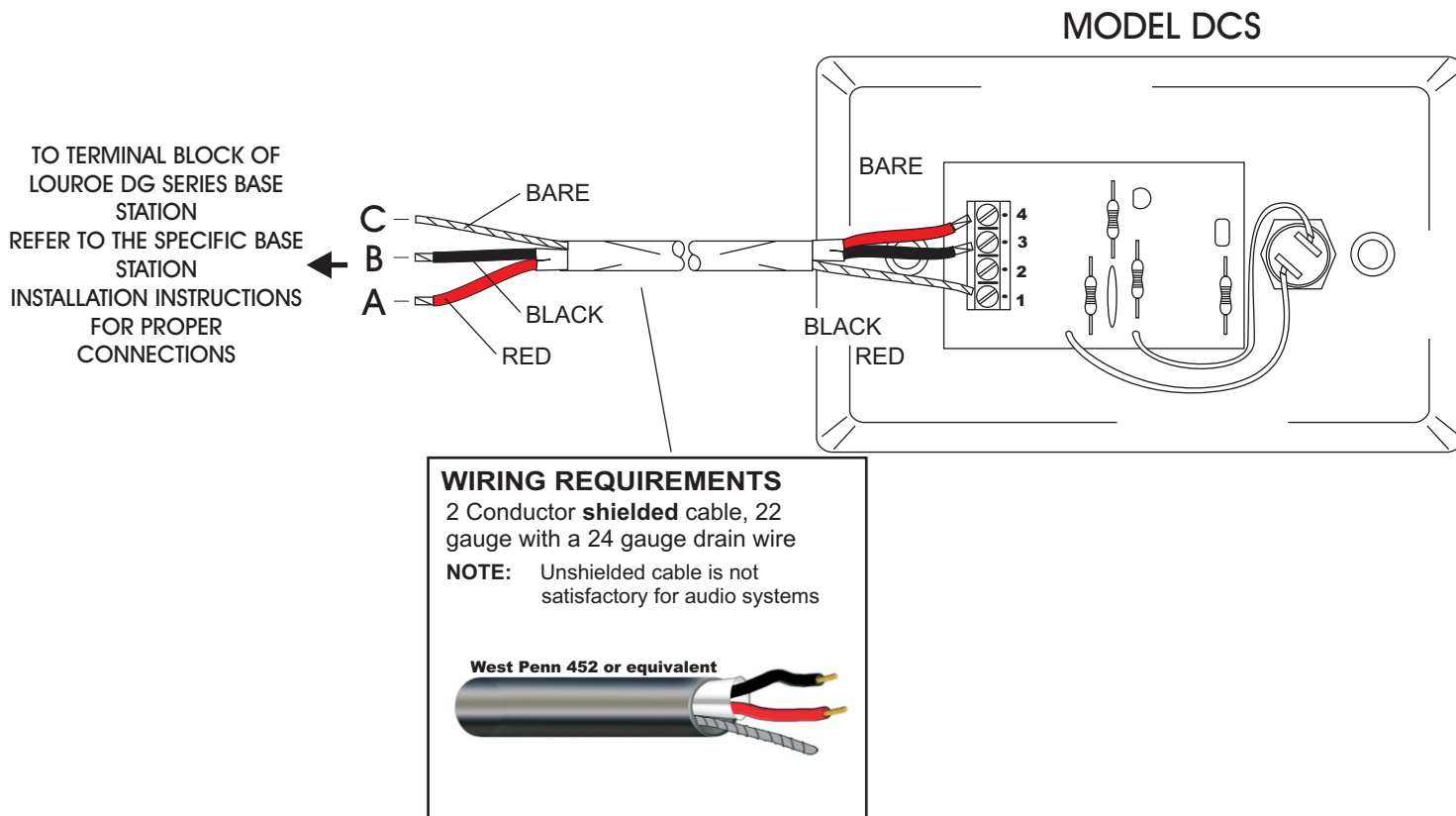
NOTE: Pin #2 is used only when DCS is being connected to a Louroe Microphone

If using recommended wiring connect as follows:

BARE wire connects to Pin #1 of DCS
BLACK wire connects to Pin #3 of DCS
RED wire connects to Pin #4 of DCS

Note: Pin #2 is not used

For connecting other end of West Penn 452 to the Louroe Base Station, please refer to the specific base station instructions for proper connection.



INSTALLATION AND OPERATING INSTRUCTIONS

CONNECTING MODEL DCS DIRECTLY TO LOUROE MICROPHONE AND A BASE STATION

I WIRING CONNECTION TO MICROPHONE

A 3-pin terminal block is located on the back of the microphone housing, marked A, B, C

- A represents +12Vdc
- B represents Audio (Microphone Output)
- C represents Ground

If using West Penn 452 or equivalent with same color code, connect:

- Red wire (12Vdc) to terminal A of microphone terminal block
- Black wire (Audio Out) to terminal B of microphone terminal block
- Bare wire (Ground) to terminal C of microphone terminal block

II WIRING CONNECTION BETWEEN MICROPHONE AND DCS

Model DCS has a 4-pin terminal block on backside of face plate marked 1, 2, 3, 4

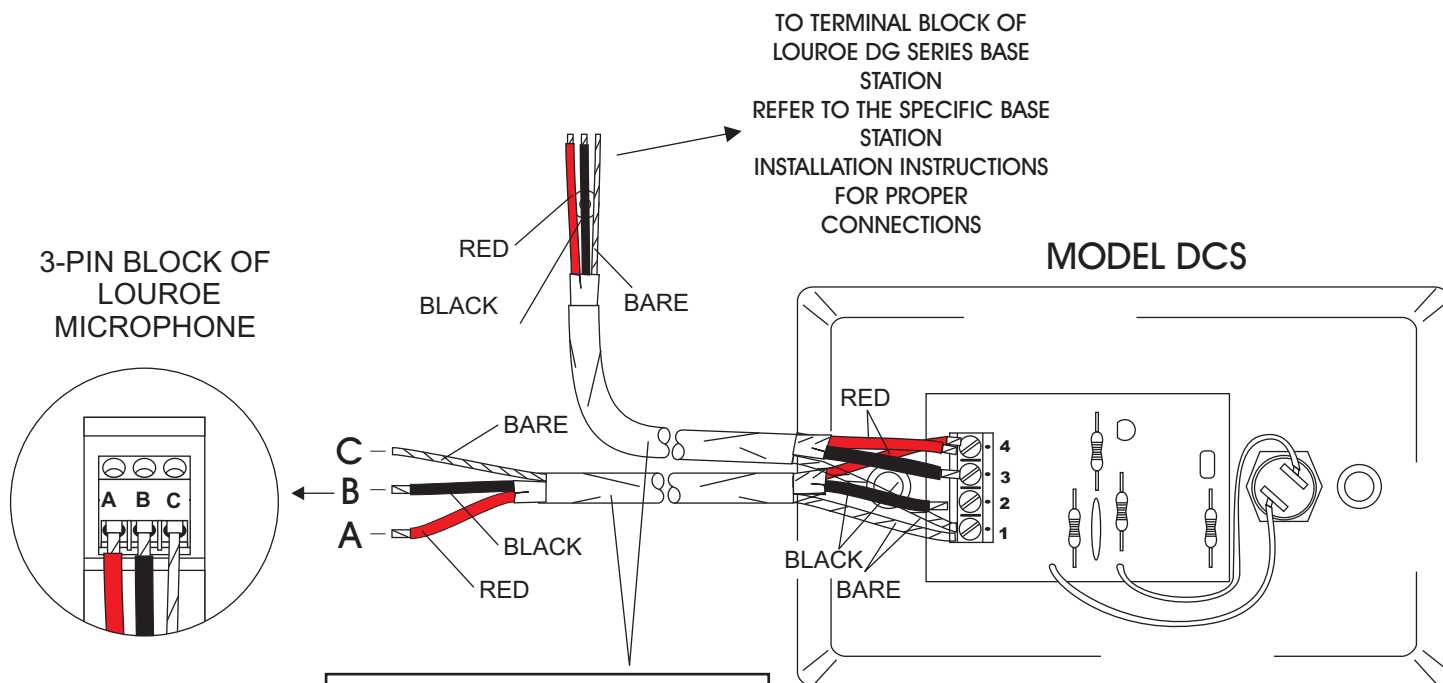
Bring other end of cable to DCS and connect as follows:

- Bare wire connects to Pin 1 of DCS
- Black wire connects to Pin 2 of DCS
- Red wire connects to Pin 4 of DCS

III WIRING CONNECTION FROM MODEL DCS TO LOUROE SOUND ACTIVATED BASE STATION

Wiring requirements - West Penn 452 (same as used in step 1)

- Bare wire connects to Pin 1 of DCS (shared with bare wire from microphone)
- Black wire connects to Pin 3 of DCS
- Red wire connects to Pin 4 of DCS (shared with red wire from microphone)



ALL LOUROE MICROPHONES ARE COMPATIBLE WITH MODEL DCS

WIRING REQUIREMENTS

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

NOTE: Unshielded cable is not satisfactory for audio systems



NOTE: If using wiring with a different color code, be sure they are properly matched between the microphone and Model DCS.

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.