

MODEL DCS DURESS CALL STATION



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 following Louroe sound activated base stations:

Model ALA-4, ALA-4TB
Model ALA-8, ALA-8TB
Model DG-12II, 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

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



INSTALLATION AND OPERATING INSTRUCTIONS

WIRING REQUIREMENTS

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

NOTE: Unshielded cable is not satisfactory for audio systems

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:

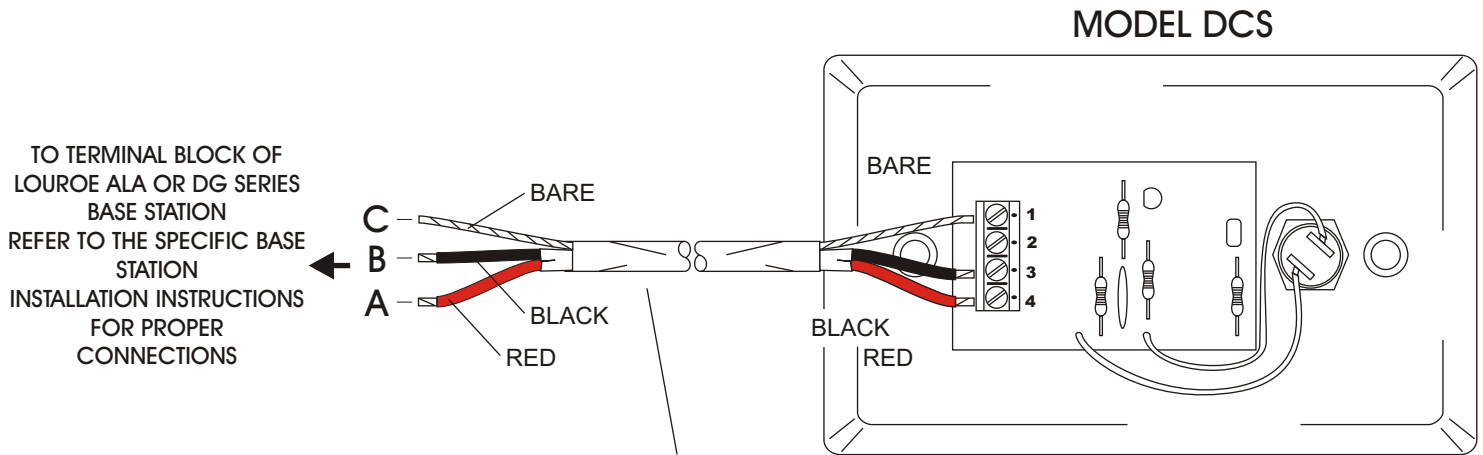
BARE wire connects to Pin #1 of DCS

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.



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



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

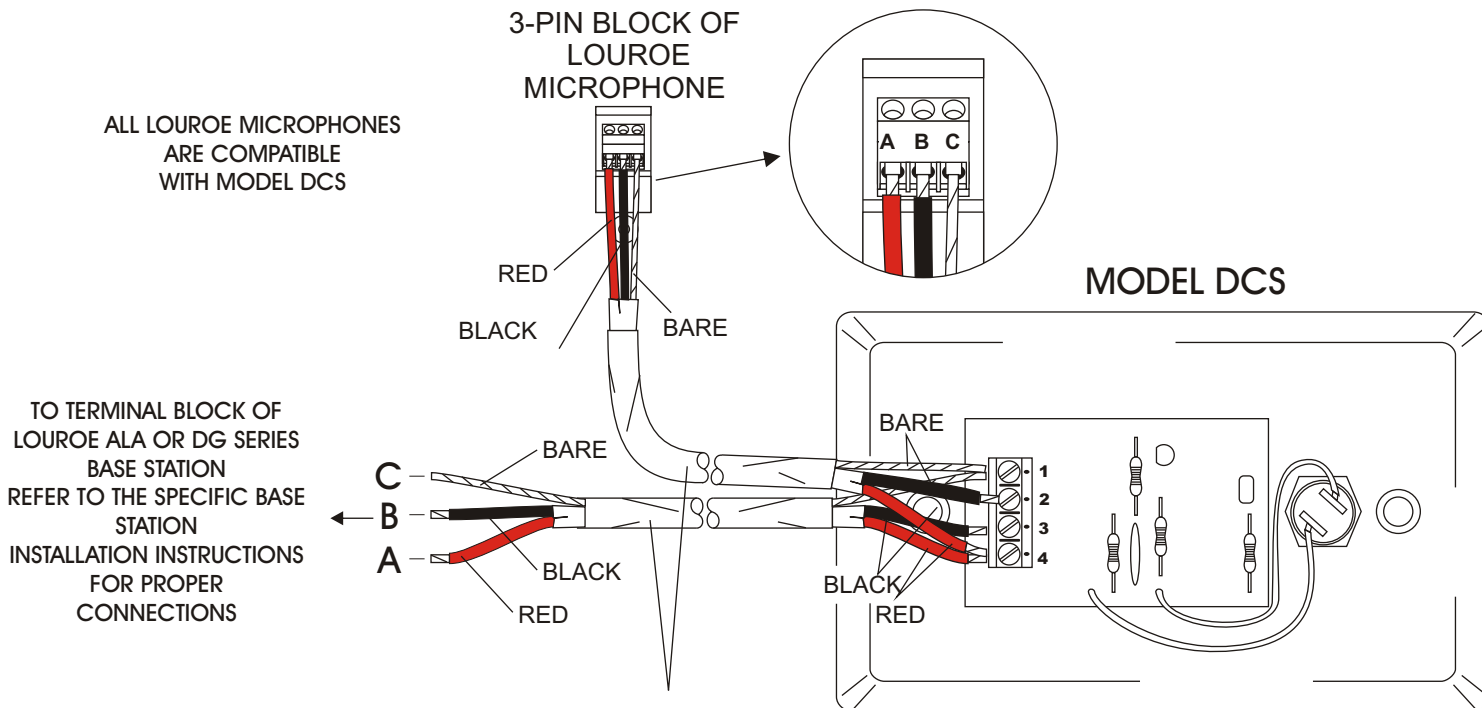
III WIRING CONNECTION FROM MODEL DCS TO LOUROE SOUND ACTIVATED BASE STATION

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)



WIRING REQUIREMENTS

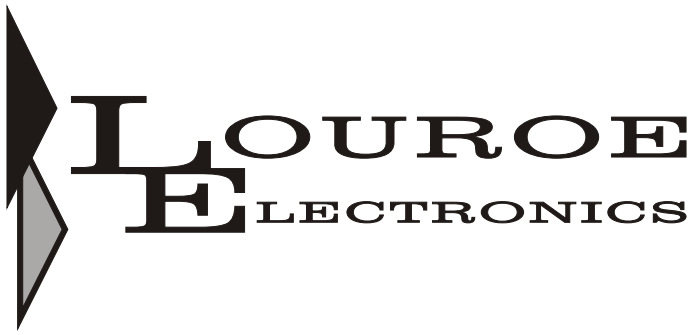
2 Conductor **shielded** cable, 22 gauge with a 24 gauge drain wire

NOTE: Unshielded cable is not satisfactory for audio systems

West Penn 452 or equivalent



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.