

VERIFACT L-DT MICROPHONE

The LOUROE Model L-DT Microphone is designed for desktop applications in interview rooms, speech therapy labs, cashier booths, etc. It contains 2 microphones facing opposite directions. Model L-DT is a low impedance, electret condenser microphone and produces line level output.

Wire color code: Red 12Vdc
 Black Audio output
 Bare Ground

If using wiring from other manufacturers color code may vary.

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



SPECIFICATIONS

■ Output	Line Level (0 dB @ 1000Ω)
■ Sensitivity (microphone & preamp)	80 dB SPL input provides 0.254V RMS
■ Frequency response	40 Hz to 15 kHz ± 1 dB
■ Current drain	4 mA
■ Supply voltage	12 Vdc
■ Output impedance	600Ω unbalanced
■ Microphone housing	High impact ABS
■ Dimensions	4 3/4"L x 3"W x 1 3/4"H
■ Weight (net)	0.5 Lbs (0.2 Kg)

CONNECTION TO LOUROE RECEIVING DEVICE (Audio Base Station or Audio Interface Adapter):

All Louroe receiving devices (base stations, interface adapters) have a corresponding terminal block marked A, B, C. Observing wire color code, connect other end of cable matching:

- A to A
- B to B
- C to C

Also refer to installation instructions for the specific model base station or interface adapter. Maximum cable run between microphone and receiving device is 1,000 ft. (305 m).

INSTALLATION TIP: If area to be monitored for audio is noisy or has background disturbances, the microphone should be positioned close to the subject 1½' - 2½', if possible.

MICROPHONE POSITIONING:

The L-DT can be placed directly on a desktop or any flat surface. It has a weighted bottom with rubber padding for positive grip. For best results, persons should be 2 - 3 ft. from the microphone.

ELECTRICAL CONNECTION:

Model L-DT connects directly to any Louroe base station or audio interface adapter. A terminal block is located on the back of Model L-DT Microphone housing, marked A, B, C.

- A is 12 Vdc (power)
- B is Audio Output
- C is Ground

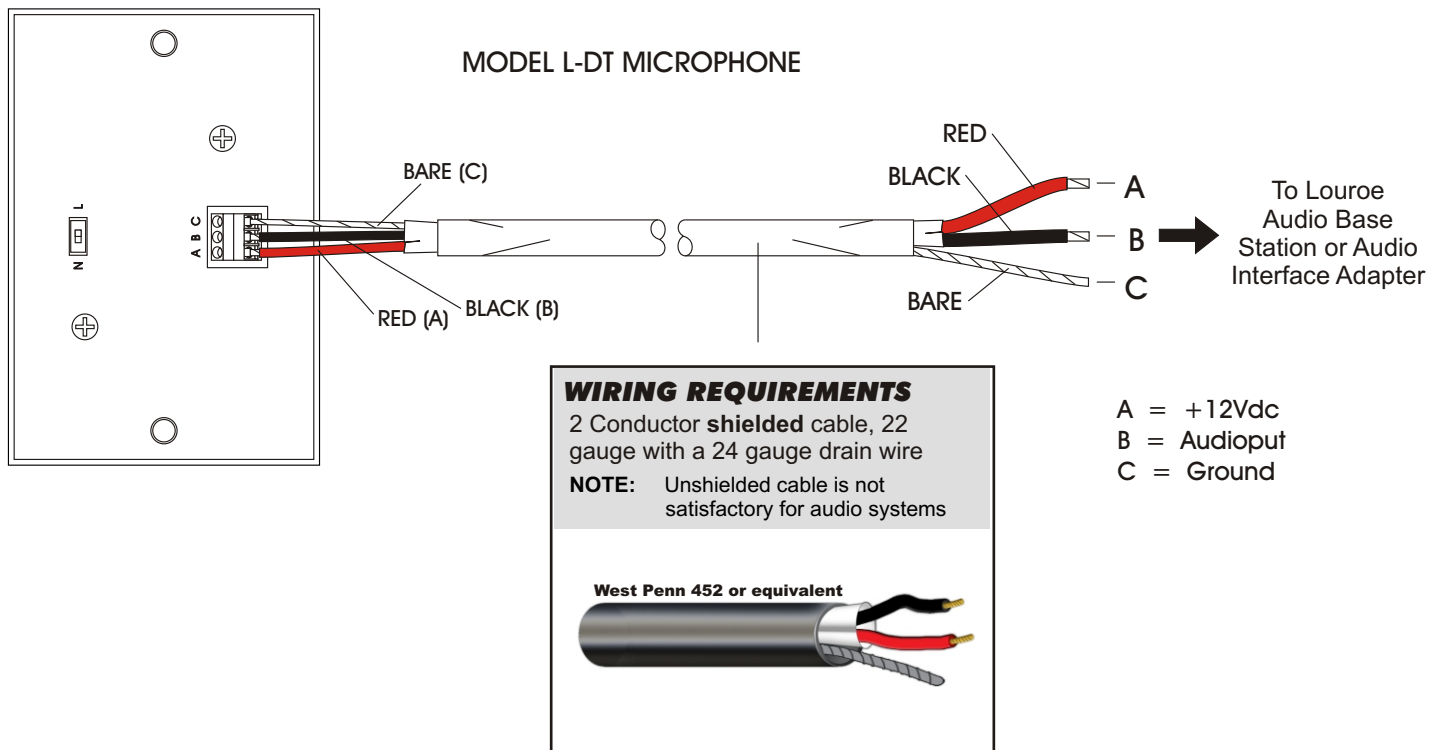
All Louroe base stations and audio interface adapters have a corresponding terminal block (A, B, C) for each zone. Using recommended wiring, connect microphone to the receiving device as follows:

MICROPHONE CONNECTION:

- RED wire (12 Vdc) goes to terminal A
- BLACK wire (Audio Out) goes to terminal B
- BARE wire (ground) goes to terminal C

MICROPHONE SENSITIVITY SWITCH

For special installations that require less microphone sensitivity, a sensitivity switch is located on the back side of the Model L-DT near the terminal strip. An opening is marked N and L. N is normal and L is low (-6 dB output into 1K Ω). With a small screwdriver, move slide switch to L position. Model L-DT is always shipped with sensitivity switch in the N position. Do not change unless necessary.



TROUBLE SHOOTING

Microphone inoperative:

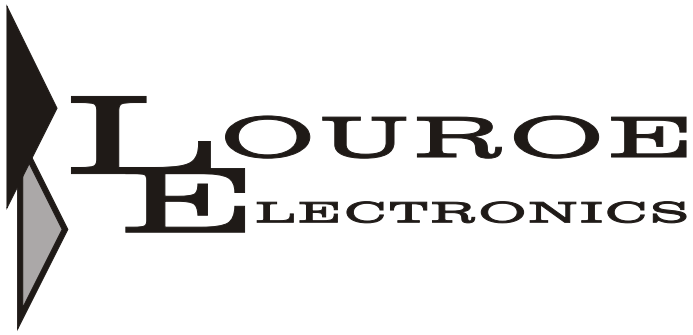
- Incorrect wiring of terminals A and C
- Short or open connections in shielded cable
- Faulty microphone

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.



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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.

LOUROE ELECTRONICS 6955 VALJEAN AVENUE, VAN NUYS, CA 91406 TEL (818) 994-6498 FAX (818) 994-6458
Website: www.louroe.com Email: sales@louroe.com