



LOUROE
ELECTRONICS®

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VERIFACT™ L-DT

MICROPHONE

INSTALLATION AND OPERATING INSTRUCTIONS



VERIFACT™ L-DT

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.

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	- US 4 ¾"L x 3"W x 1 ¾"H - Metric 12 cm L x 7.6 cm W x 4.4 cm 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).

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 - 4 ft. (0.6 m - 1.2 m) 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:

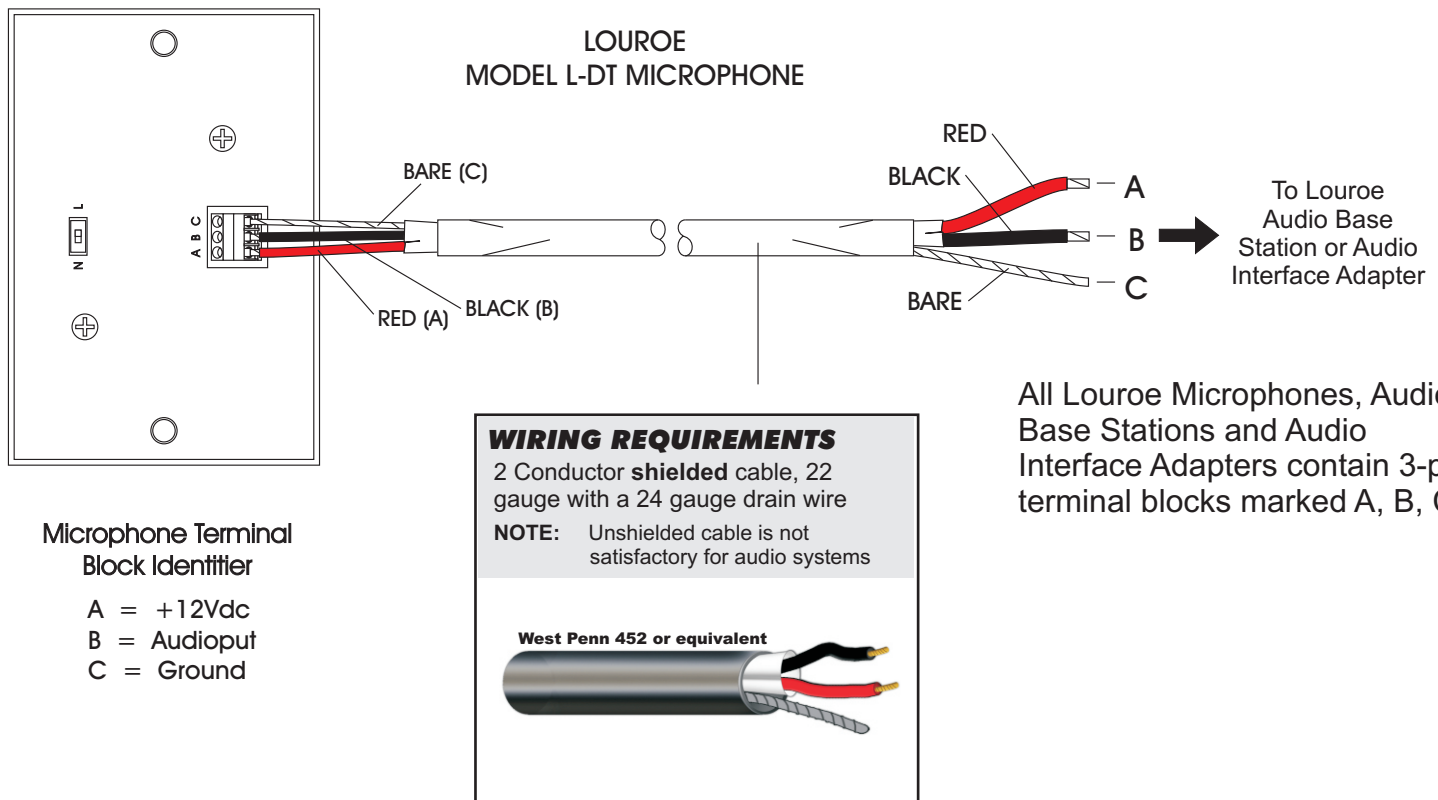
MICROPHONE CONNECTION

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.

Bottom View of L-DT



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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.