



**LOUROE**  
**ELECTRONICS®**

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**VERIFACT™ K**

MICROPHONE

## INSTALLATION AND OPERATING INSTRUCTIONS



### **Verifact™ Model K Microphone**

The Verifact™ K is a dynamic line level microphone with pre-amp and is designed for areas with excessive background noise or where the ambient sound level is high. The modified omni-directional pattern is one in which the audio pickup is more from the front of the microphone and less from the sides and back.

When mounting, position the Verifact™ K so that the front part (white screen) is facing the desired area of coverage. Microphone functions best when it is mounted close to the source, 3' - 8' away.

#### **IMPORTANT - REDUCE VIBRATION**

If installation is in a moving vehicle (bus, police van, tram, etc.), The Verifact™ K may require a Louroe™ shock mount assembly to reduce vibration and to enhance clarity of both live and recorded audio. Model number is Verifact™ K Shock Mount.



Verifac™t K Shock Mount  
(optional)

## MICROPHONE CONNECTION

On the back plate of the Verifac™ K is a terminal strip marked A, B, C:

A = 12Vdc (positive)	Red Wire
B = Audio Out	Black Wire
C = Ground (negative)	Bare Wire

Using recommended wiring:

- 1 - Connect RED wire to terminal A
- 2 - Connect BLACK wire to terminal B
- 3 - Connect Bare wire to terminal C

## WIRING REQUIREMENTS

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

West Penn 452 or equivalent

**NOTE:** Unshielded cable is not satisfactory for audio systems.

## CONNECTION TO A LOUROS BASE STATION OR TO IF-1, IF-4, IF-8 INTERFACE ADAPTER:

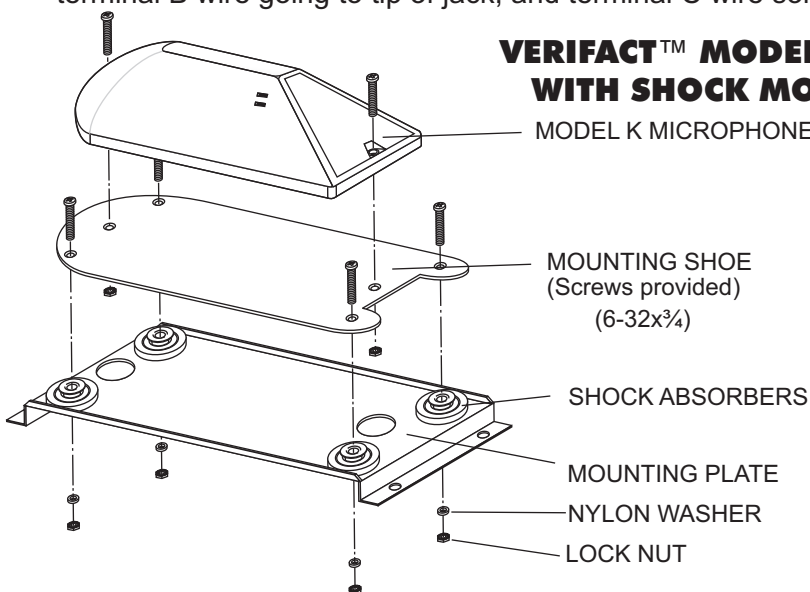
After microphone connection has been made, run cable to the Louroe Base Station or Interface Adapter. All Louroe Base Stations and Interface Adapters have a corresponding terminal block (A, B, C) for each zone. Make connections to the terminal block from microphone wire, matching A to A, B to B and C to C. If using cable from other manufacturers with a different color code, make certain that wire colors are properly matched between microphone and base station.

## CONNECTION TO A LOUROS MICROPHONE MIXER (RN-2 or MLA-6)

Refer to Installation Instructions for the specified mixer.

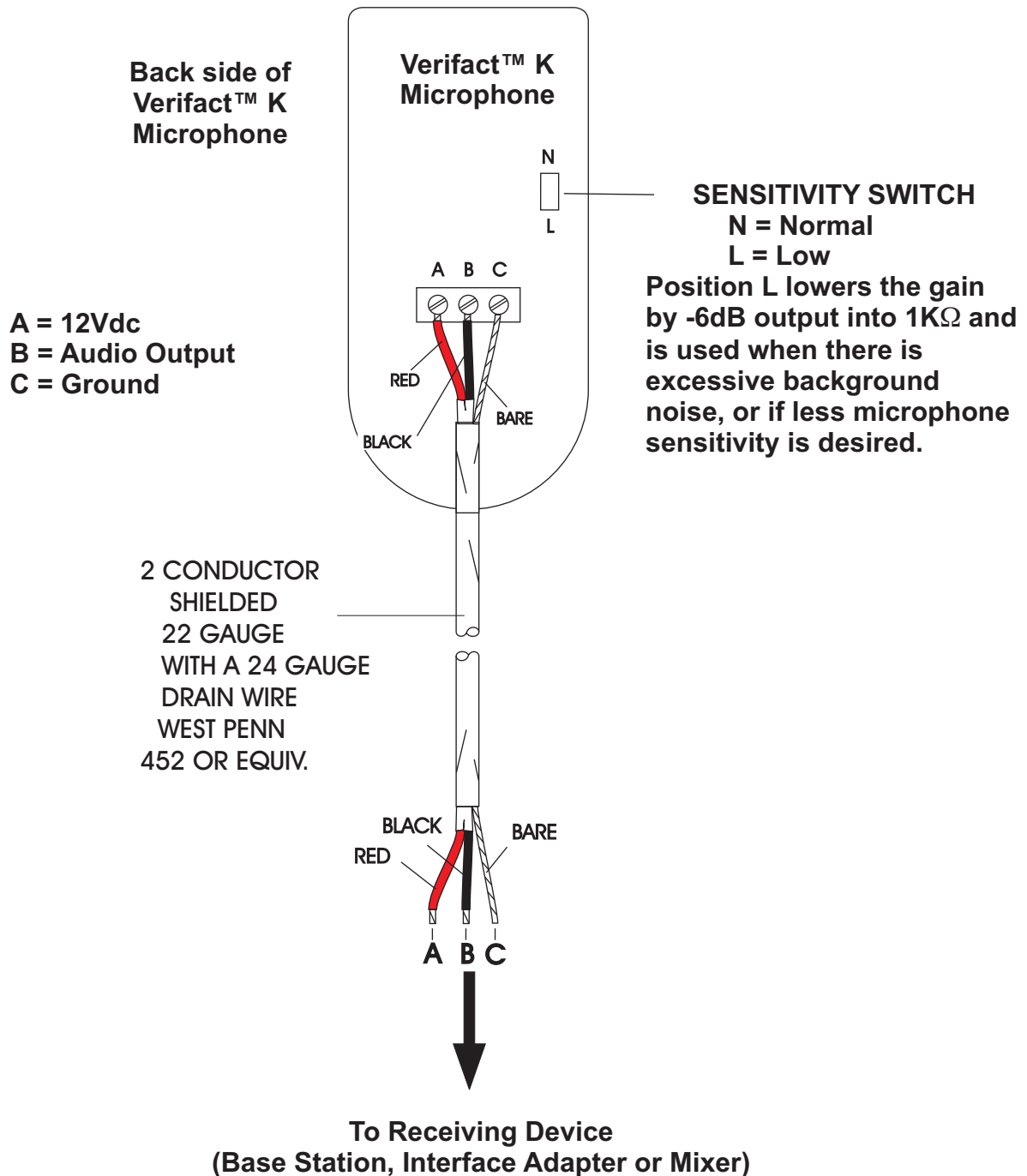
**IF MODEL K MICROPHONE IS BEING CONNECTED DIRECTLY TO A SOURCE OTHER THAN A LOUROS BASE STATION OR INTERFACE ADAPTER (DVR, IP NETWORK CAMERA, ETC), CONNECT AS FOLLOWS:**

1. Apply 12Vdc power to terminals A and C.  
(A is positive, C is negative)
2. Connect Terminal B (audio out) and Terminal C of Verifac™ K Microphone to the recorder or audio source using single conductor **shielded** cable, 22 gauge with a drain wire.
3. If the audio input of the recorder (or other source) is an RCA receptacle, solder on an RCA plug with terminal B wire going to tip of jack, and terminal C wire soldered to sleeve of jack.



**IMPORTANT:** Make certain that wires are attached to microphone's terminal strip **BEFORE** installing microphone to shock mount assembly.

**VERIFACT™ K MICROPHONE CONNECTION  
TO A LOUROE™ BASE STATION  
OR  
IF-1, IF-4, IF-8 AUDIO INTERFACE ADAPTER**



## SPECIFICATIONS

■ Type	Dynamic
■ Polar Pattern	Modified Omni-Directional
■ Frequency Response	100 Hz to 15 kHz $\pm$ 1 dB
■ Output	Line Level (0 dB @ 1000 $\Omega$ )
■ Current Drain	4 mA
■ Supply voltage	12 Vdc
■ Output Impedance (Mic only)	600 $\Omega$ , unbalanced
■ Dimensions	5 7/8"L x 3 1/8 "W

### 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.