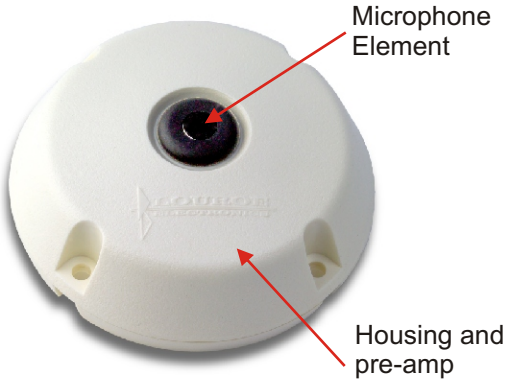
ACC-MIC

DESCRIPTION

The Model Verifact A is an omni-directional, low impedance, electret condenser microphone with built-in preamp. It can pick up normal sounds approximately 15 ft. away, or within a 30 ft. diameter circle. Verifact A produces line level output (0 dB @ 1000Ω) and can be located up to 1,000' from the Louroe base station. It is primarily designed for ceiling mounting but can also be installed on any type of flat surface. The Verifact A is compatible with all Louroe Audio Base Stations or Louroe Audio Interface Adapters.

VERIFACT A

Microphone



NOTE:

Verifact A Microphone is NOT recommended for outdoor use or in areas with high moisture content.

SPECIFICATIONS

Type	Electret Condenser
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
Supply voltage	12 Vdc
Current drain	4 mA
Output impedance	600Ω unbalanced
Microphone housing	High impact ABS
Dimensions	4" dia x 1 ½" H
Weight	0.5 Lb (0.2 Kg)

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



ELECTRICAL CONNECTION:

The Model A is cylindrical, 4" dia. x 1½" H, and has four mounting holes for surface mounting to a ceiling or other flat surface. It should be positioned so that the microphone is 4' to 8' from the area of desired coverage.

MICROPHONE CONNECTION:

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

A represents +12 Vdc Power
B represents Audio Output
C represents Ground

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

1. Red wire (12 Vdc) connects to terminal A of microphone terminal block
2. Black wire (audio out) connects to terminal B of microphone terminal block
3. Bare wire (ground) connects to terminal C of microphone terminal block

CONNECTING VERIFACT A MICROPHONE TO A LOUROE BASE STATION OR AUDIO INTERFACE ADAPTER

All Louroe audio base stations (except the ALA-4/8 series) and Interface Adpaters have corresponding terminal blocks marked A, B, C. Connect other end of cable as follows:

1. Red wire from microphone connects to pin A of Base Station (12Vdc)
2. Black wire from microphone connects to pin B of Base Station (Audio Output)
3. Bare wire from microphone connects to pin C of Base Station (Ground)

If base station is ALA-4/8 series, please refer to installation instructions for the specific model.

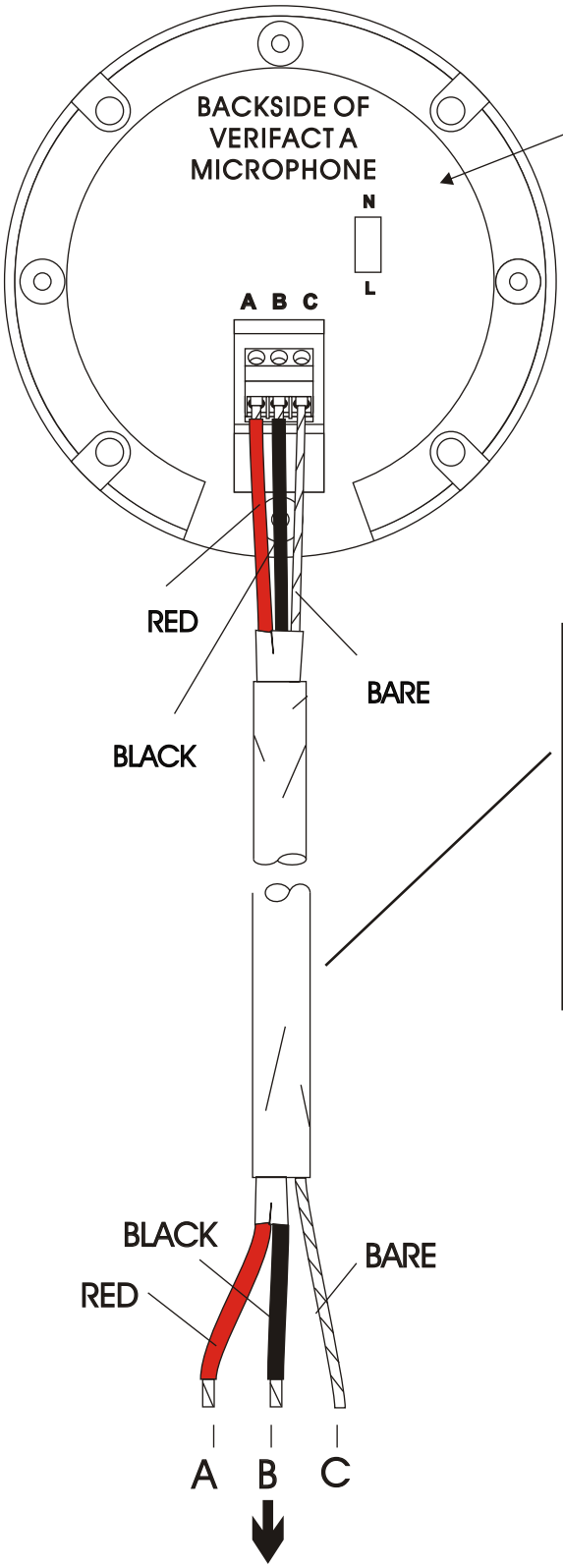
CONNECTING VERIFACT A MICROPHONE TO OTHER AUDIO DEVICES.

If a Louroe audio base station is not used and microphone is being connected directly to another source from other manufacturers, 12 Vdc power must be applied to terminals A and C. (A is positive, C is negative). Terminals B and C of microphone (C is common) go to the "Audio In" or "Line in" of the audio source. Wire from terminal B should be shielded.

INSTALLATION TIP: If area to be monitored for audio is noisy or has background disturbances, the microphone should be positioned close to the subject (4' - 8') if possible. Also, the microphone sensitivity switch can be moved from "N" position to "L" position to help reduce background noise. "N"is normal, "L" is low

INSTALLATION TIPS

1. Use overall shielded audio cable only. West Penn 452, Belden 8451 or equivalent. UNSHIELDED CABLE IS NOT SATISFACTORY FOR SOUND SYSTEMS.
2. When used at a cash register checkout, microphone should be installed closer to the customer rather than the cash register, as the drawer sound could dominate the recording. It should be installed closest to the area to be monitored and documented.
3. Avoid installing microphone near air vents, air conditioners, fans and other equipment that generate high sound and air pressure.
4. If microphone is installed in a police interview room, room should be conditioned with any type of carpeting, acoustical ceiling tiles, acoustical foam, etc. to reduce echo. This will enhance the quality of live and recorded audio.
5. The APR-1 and microphone should have a barrier or solid wall between them in order to avoid audio feedback, especially when they are in close proximity to each other. If no barrier, microphone should be at least 25' from APR-1 to avoid acoustical feedback.



MICROPHONE SENSITIVITY SWITCH

The microphone pre-amp (PC board) contains a sensitivity switch with two positions marked N and L, and is located on the back side of the Model A near the terminal block:

N represents normal sensitivity
(0 dB @ 1,000Ω)
L represents lower sensitivity
(-6 dB @ 1,000Ω)

Microphone is always shipped in the N position. For less microphone sensitivity, move slide switch to L position.

WIRING REQUIREMENTS

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

NOTE: Unshielded cable is not satisfactory for audio systems.



A = +12Vdc (RED)
B = Audio (BLACK)
C = Ground (BARE)

TO LOUROE BASE STATION
OR
TO OTHER LOUROE AUDIO RECORDING DEVICES
(IF-1, IF-2, IF-4, IF-8 ETC.)

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.