

## "Aliniveratt" TECHNICAL DATA



BASE FIGURES


## 1920s Condensor Microphone



The capsule's diaphram is grounded.
A 32 mm diameter back plate is supported on a mica insulator.

The capsule was shorted out and had to be disassembled.


Looking at the rear of the diaphram after the back plate assembly had been removed.


Back plate assembly.
Outer brass ring is grounded.
32 mm back plate...
is insulated from the outer ring with mica.


Rear view of above assembly.


Back plate assembly is spaced away from the diaphram by a 0.001 " thick spacer.

Once clamped together, the diaphram would short out to the back plate. The mica supporting the back plate was slightly distorted. Rather than risk damaging the mica insulation, it was decided to leave it as is. An additional spacer was fitted.
This reduced the capacitance from 120 pF to 84 pF . An unfortunate byproduct of getting it to work at all.


Back plate assembly drops into main body.


Back plate assembly clamping ring is threaded on its outer edge.


Back plate assembly clamped into place.


Components on rear of the back plate.
A 0.001 " thick disk is sandwiched into a small cavity between two brass disks, one of which has the terminal attached.

Nearest Diaphram



Item D is threaded on its outer edge.


