

The Church Microphone

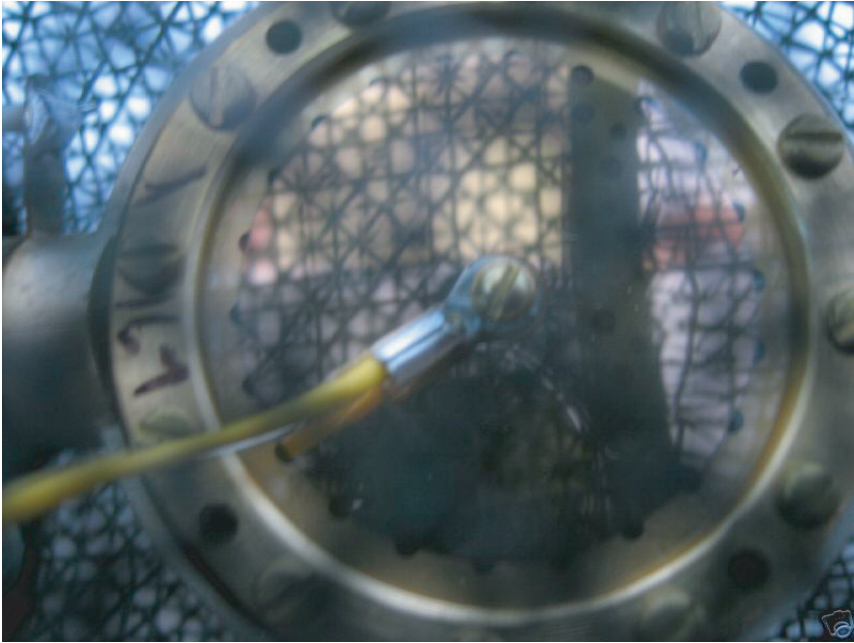
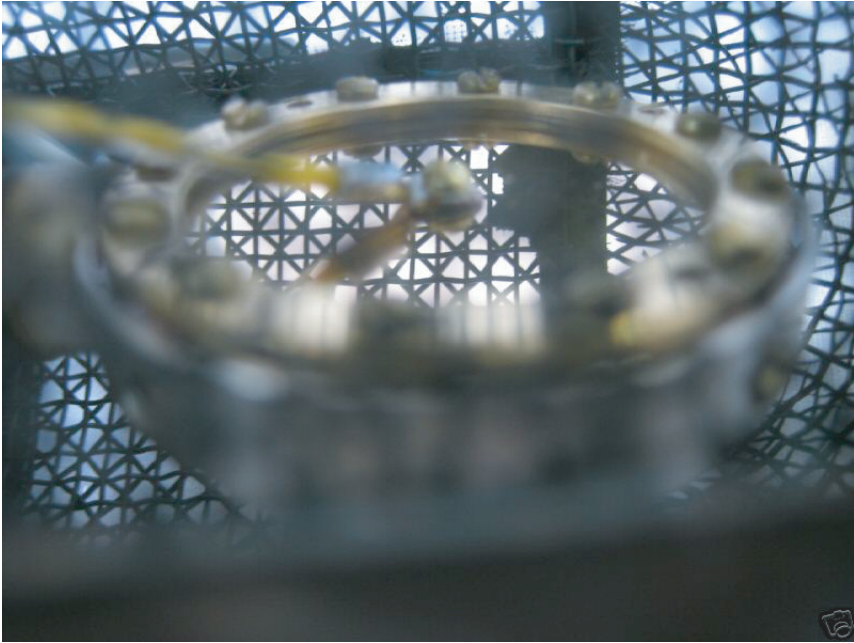
Here is a brief history and photos/schematic from E-bone

This is a super rare Church microphone made in the late 50s. These were the creation of the chief engineer at MGM studios and were originally made from modified U47 (until Gotham Audio refused to sell them the parts). There were around 200 made with 47 heads then there were a few made with their own head but still using the Neumann U47 capsule and capsule mount. This is one of those few microphones. This one was most likely made in the late 50s and uses a KK47 capsule coupled with a 6072A tube and a Triad output transformer. These were made to be much quieter than a Neumann U47 and this one is certainly that. This is an exceptional sounding microphone! It has the same qualities as a U47 but it is VERY quiet and smoother sounding. This mic has just been checked over by Tracy Korby and has a NOS KK47 capsule (sorry I couldn't get a great pic of the capsule but it is in PERFECT condition). The only problem with the mic is the pattern switch is broken and the mic is only cardioid right now. It can be easily fixed (a mechanical problem) and it will be usable in both cardioid and omni, again this is a minor problem that can be fixed for little money. The mic is in beautiful condition and it comes with a Korby supply, all new cables, and original shock mount. This is an unbelievably great microphone and it is as rare as it gets.

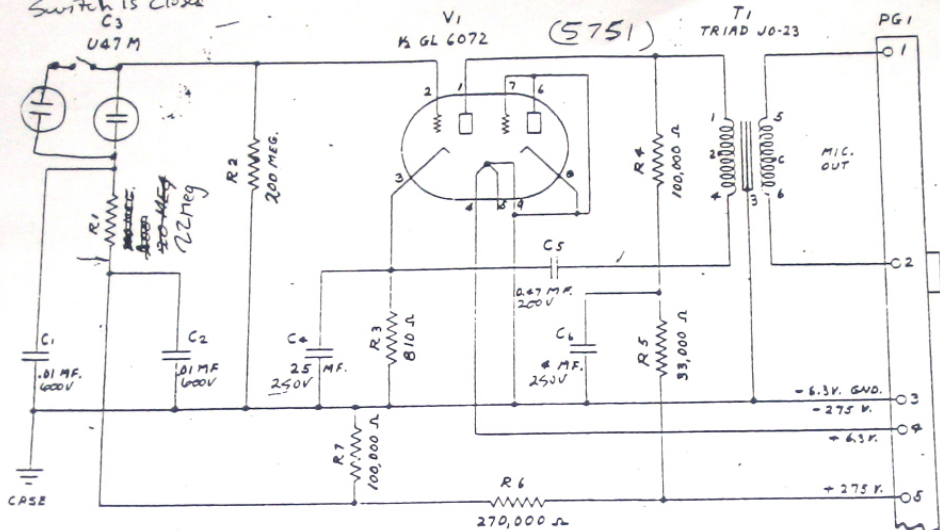








OTMS When
Switch is closed
C3
U47M



CHANGE TA
ISSUE - 1 2-1-55

POWER REQUIREMENTS
FILAMENT 6.3 V. DC. - 175 MILLIAMPS.
PLATE 275 V. DC. - 1.75 MILLIAMPS.

MATERIAL LIST

2 .01 MFD. 600 V. DC. MILLOY PT-611	R5	33,000 Ω 1/2 WATT ORNITE
U47M TELEFUNKEN CONDENSER CAPSULE	R6	270,000 Ω 1/2 WATT ORNITE
25 MFD. 25V. DC. SPRAGUE TYA-1205	R7	100,000 Ω 1/2 WATT ORNITE
0.47 MFD. SPRAGUE 96P47-92 82	PG1	6 PIN CANNON WR-6-22-C
4 MFD. 250V. DC. DUBILIER BA-625	T1	TRIAD J0-23 3RMO/600/250/50 Ω
2 100 MEG. E.S. WHITE CO.	V1	GENERAL ELECTRIC GL-6072

DWG NO
A-492

SCHEMATIC

DATE
2-1-55

MODIFIED TELEFUNKEN MICROPHONE

AUG. 2-1954 SMC

(CHOICE) MKE

SCALE:

Drawn by: D.E.P.

Checked by: S.M.G.

APPROVED:

DATE:

1955