WBRS

THE RADIO VOICE OF BRANDEIS UNIVERSITY

415 SOUTH STREET • WALTHAM, MASS. 02154

(617) 899-4970

November 17, 1967

David F. Thomas
Radio W.U.M.S.
P.O. Box 11531
Tampa, Florida 33610

Dear Mr. Thomas:

Enclosed please find your check for $35.00. In vue of the fact that we have been receiving upwards of $50.00 for these transmitters, it was decided by our executive board that your offer was not sufficient.

As you may know, these units sold for $125 when they were new and they have been used for under two years. Each of these units were working at the end of last year when they were removed from our set up, and we will garrentee that they will work when they are shipped from here. Further, we will allow you to return the unit if it provestto be inadequate for your installation.

We thank you for your offer, but we are unable to accept it. In light of the arrangement outlined above we hope you will reconsider.

Sincerely,

Geoffrey Belinfante

Geoffrey Belinfante
Financial Director
WBRS-Brandeis University

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28 October 1967

Mr. David F. Thomas
Radio WUMS
PO Box 11531
Tampa, Florida 33601

Dear. Mr. Thomas:

Thank you for your interest regarding the transmitters we have for sale. I hope that the information I relay here is sufficient.

We used these transmitters in two types of installations, carrier current and wire antenna. The carrier current units were capacitance coupled into the AC lines of each dorm or dorm complex. The wire antenna system consisted of inductive coupling of the output (about 5 ohms impedance) to a length of #24 wire which was run along the side of the buildings in one dorm complex.

We had one or two calls reported to me about various people getting our signal at a distance of ten or so miles from the school, as well as a group of Standard Broadcast band DX'ers from MIT who were receiving us.

In general, the unit is a very professionalized one. It is completely self contained on a 5½" x 9" aluminum chassis, which is totally covered, except for vent holes. Some specs on the unit are:

AF input impedance: 600ohms, balanced
AF response: down 2db at 40 cycles and 10 kc
Freq. range: 540-1500 kc (units will be supplied with xtl for 650KHZ)
Power rating: 9 watts plate input to power amp.
Weight: 10 lbs.

The unit uses two 6AL11's and 1 6CA4, which will be supplied. All 9 units are in excellent operating condition.

The units use ½ of a 6AL11 for the crystal oscillator, the other half as the power amplifier. The other 6AL11 is run ½ as the audio driver and ½ as the modulator. The RF ourput is through a four turn fixed link of about 5 ohms impedance.

The transmitters have been in use here at Brandeis since September, 1964. They have given us almost perfect service since their arrival,

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requiring only an occasional retubing. Once the units are installed and operating for a day or two a final tuning is made and no further adjustments were necessary throughout the school year.

The transmitters were purchased from the manufacturer, Low Power Broadcast Equipment, at a cost of $125.00, plus crystal. Our financial director, Geoffrey Belinfante, has told me to request a firm $65.00 (half-price), but I personally think that you might be able to dicker with him. If you are interested in discussing prices you may contact him at the same address. If you are interested in any more technical information, please feel free to write me.

Thanks again for your interest.

Yours truly,

Donald M. Kaplan

Donald M. Kaplan
Chief Engineer

DMK/ee