

PHOTO 5: Low-distortion sine/cosine sweep oscillator, true-RMS detector, audio filter, and mike preamp.

bass/mid; phase dispersion (time smear) for higher-order COs is inversely proportional to CO frequency. The a/d/s/ unit's mid/high CO is around 3kHz, and is effectively third-

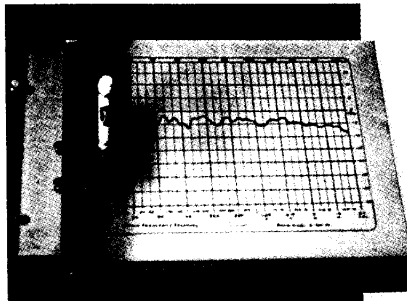


PHOTO 6: Mosely X-Y chart recorder.

order (second-order electrical plus acoustic rolloffs). Time smear is therefore only about 200 μ s, which is inaudible to me when I'm listening to music.

8. *Photo 7* shows the Mitey Mike capsule (Panasonic WM-60AY) positioned near the driver's ear location, within the vehicle.



PHOTO 7: Panasonic WM-60AY capsule (used in Mitey Mike II) at driver's ear location.

ACKNOWLEDGMENT

I would like to give credit to Kelly's Stereo of Laconia, NH, for its excellent construction of my woofer cabinets as well as perfect installation of the head unit (Eclipse) and Soundstream amp. It's only 50W per channel, but that's enough to hear and feel amazing bass clarity to below 20Hz.

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