

Figure 2. Signal synchronization.

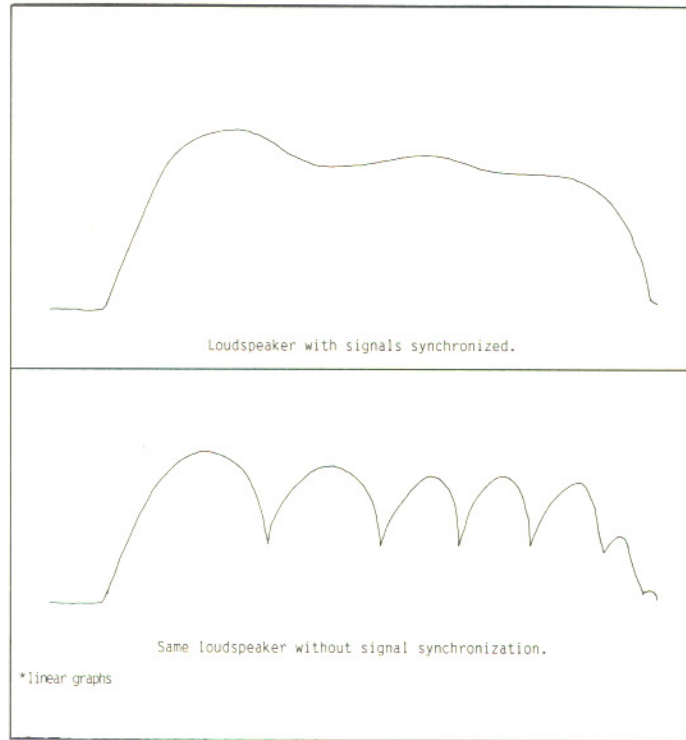
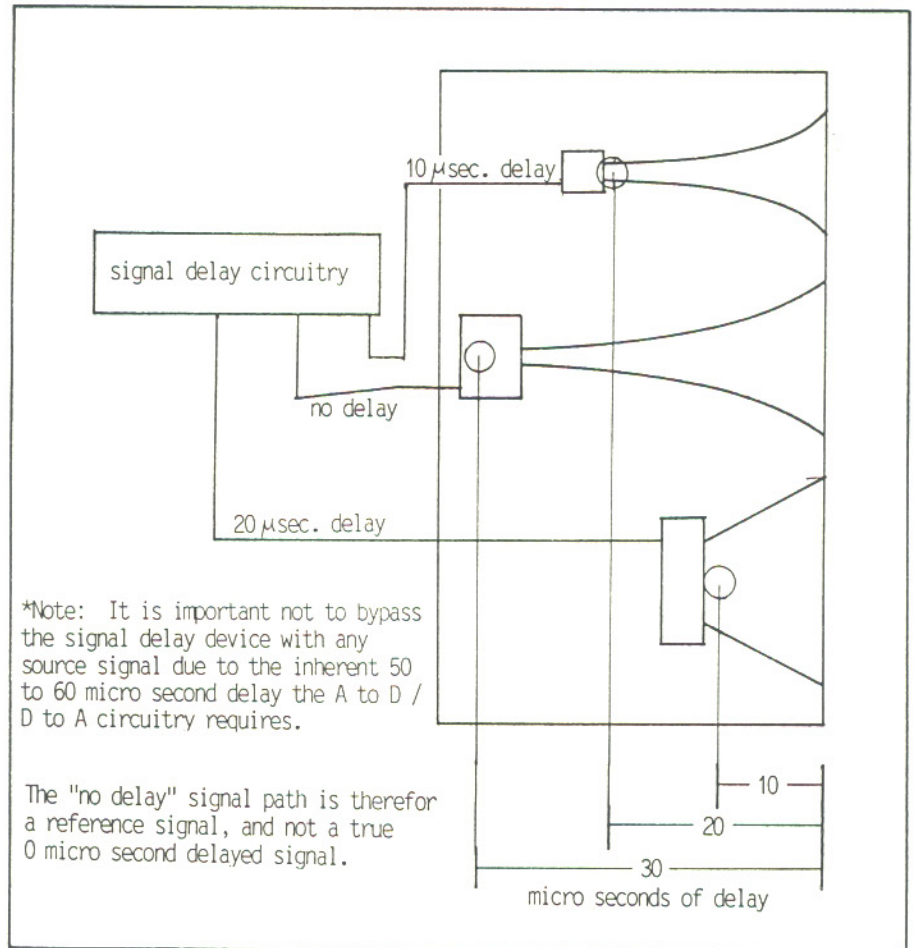


Figure 3. Signal delay.



Signal delays are utilized for sound source signal synchronization, a vital function in processors if the processor

is servicing a loudspeaker with non-aligned sound source acoustic centers. The acoustic center of a sound source is the point at which the acoustic

energy appears to originate, and this point does not have to be in the center of the magnet assembly or in the throat of a horn. If the acoustic center of one