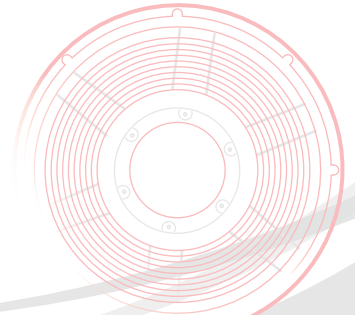


GLOSSARY

CHAPTER 4 The Thiele Small Parameters

PART 1



Fs	The frequency at which the loudspeaker's mechanical system will resonate. Also referred to as Resonance Frequency. Unit: Hertz (Hz)
Re	DC resistance across the voice coil. Unit: Ohms (Ω)
Sd	The surface area of the moving part of the loudspeaker's cone and suspension. Unit = Sq m/in
Cms	The compliance or the loudspeaker's suspension. Cms is the inverse of the suspension spring stiffness (Kms). Unit = meters per newton (m/N)
Mms	Total mass of the moving system including air load. Unit = gr/lb
Mmd	Total mass of the moving system excluding air load Unit = gr/lb
Vas	An air volume that when impacted by a piston equal to the loudspeaker's Sd has a compliance equal to the compliance of the loudspeaker's suspension (Cms). Unit = lt/cuft