1. Background & Usability
2. 24hr Dose with Recovery
3. “Just Say NO” (to TTS)
How Loud is TOO Loud?

• Personal Media Players
• Bar/Club/Concert
• Movie Theater
• Hockey Game
• Occupational

How LOUD is TOO Loud?
Integrating the Integrating Meter

Usability:
- Comfort
- Interface with PMP/Comm device
- Situational awareness
- Automatic 24 hr dosimetry
- ‘Personal’ DRC
Auditory Research Platform (ARP)

24 Hour Dosimetry Example #1

![Graph showing 24 Hour Dosimetry Example #1]
24 Hour Dosimetry Example #2

Standard Dose

\[ D = \frac{100}{T_c} \sum_{i=1}^{N} t_i 10^{L_{Acqi} - L_c} \]

Dose with Recovery

\[ D = \frac{100}{T_c} \sum_{i=1}^{N} t_i 10^{L_{Acqi} - L_c} q^q - 10^{L_s - L_{Acqi}} q_r \]

Photo: Shady Records, Aftermath, Intersope Ent.
Ref: Strasser et al. 2008
Ref: Strasser et al. 2008
Now is the Time!