



# SHh! Technology White Paper

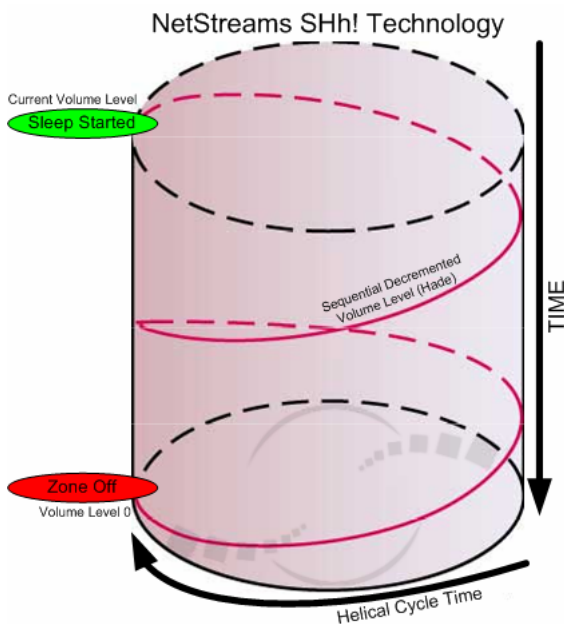
## SHh! Technology

Have you ever fallen asleep to your favorite music only to wake up at 3:00 am with it still blaring in your ear? Or, perhaps you've used the sleep mode on your audio source to shut down at a given time only to be cut off in the middle of your favorite song. The change is so sudden it can interrupt your sleep.

*NetStreams'* patent pending SHh! Technology creates an environment perfectly suited for falling asleep to music. Upon selecting from 10, 20, or 60 minute intervals until shut-off, the volume of the audio automatically decreases as you fall asleep.

## Intelligent Sleep Mode

SHh! Technology performs a mathematical calculation that uses the current volume level and time left until complete silence is achieved. Every 60 seconds, the Audio Distribution Center (ADC) checks the time and current volume level and decrements that level by one at the calculated time. At the end of the interval, the audio in that zone shuts off completely (see Figure 1).



**Figure 1** *NetStreams* SHh! Technology

Whenever you want a gentle fade to silence, *NetStreams* proprietary SHh! Technology is there to provide you with the most advanced sleep mode in the industry.