

## How does EclipseSuite Determine the Postgap Length?

Unlike Sessions, Tracks, Index Points, etc., gaps on a CD are not clearly identified. EclipseSuite intelligently locates the gaps by knowing where they are expected to occur, and scanning for zero filled sectors (or sectors which contain Track Descriptor Blocks).

When the EclipseSuite tools are scanning for the final Postgap of a session, they begin the postgap search by checking the sector before Lead-out. In the case of a Track At Once disc/session, it will start at the sector before the first Run-Out. If that sector contains non-zero data, then it's assumed that there is no Postgap. If the sector contains zero data, the program steps back 75 sectors (current location - 75) at a time searching for non-zero data. This process repeats until it finds the non-zero data. Once it finds a sector with non-zero data, the program begins scanning forward until it reaches the first sector with zero data. The length of the Postgap is determined by taking the address of that sector and subtracting it from the Lead-out start address or the address of the first Run-out in the case of a Track At Once disc.