

Audio Effects Portfolio

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1 Chorus Effect

1.1 Description

This mono effect combines a track with one or more delayed copies. There is a separate gain control for the dry copy and each of the delayed copies. The delay block accepts fractional delays from a local oscillator (usually at a frequency of 0.1 Hz) where each delayed copy has an LO at a different phase. As a result, the listener will perceive multiple voices or instruments playing together (like a chorus).

1.2 Applications

The chorus effect is an easy way to add depth to a track. In particular, it is an artificial method to simulate double-tracking, a common technique used by artists to create a “fuller” sound.