

Abstract

A video input signal (IN) is applied to a delay circuit (22) having a plurality of taps (a;b;c;d;e) which are coupled to maximum (40) and minimum (50) value selection circuits. In the absence of a video signal transient, the center tap (C) of the delay circuit is coupled to an output terminal (OUT) via an output switch (60). When a "white going" transient occurs, the output switch sequentially selects the outputs of the minimum and maximum value selectors for application to the output terminal. When a "black going" transient occurs, the output switch sequentially selects the outputs of the maximum and minimum value selectors for application to the output terminal. Offset producing circuits (42;52) are coupled to the minimum and maximum value selectors whereby an output signal is produced having a preshoot, an overshoot and a rapid transition therebetween for video input signal transients of either direction and in which the shoot amplitudes are independently controllable thereby providing the combined transition speed advantages of "edge replacement" enhancement systems with pre-shoots and overshoots characteristic of transversal peaking systems.

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This Sheet Has Been Replaced

