

It should be noted that some FM broadcast stations are, or soon will be, using the SQ-enhancement method with the stereo records they broadcast. It is advisable to provide circuitry to switch out the enhancer in the FM reception mode. In this latter mode, however, the SQ decoder is left in the circuit and, by itself, provides a significant enhancing effect when reproducing conventional stereo records and, of course, gives full quadraphonic reproduction upon reception of SQ encoded signals.

Other quadraphonic enhancement circuits also have been proposed.<sup>2</sup> They cause significant unbalance of the original sounds. The SQ-enhancement method retains precise total balance and provides pleasing and effective quadraphonic synthesis.

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<sup>2</sup>Ryosuke Ito, Susumu Takahashi, and Kouichi Hirano, "QS Quadraphonic Synthesizer; What It Does and How It Does It," Presented at the 49th Convention of the Audio Engineering Society, Sept. 1974, New York.