

4-Dimensional Sound With The Quadaptor™

The QD-1 is an inexpensive speaker matrix adaptor which connects to your present stereo amplifier's speaker terminals, and four speakers are connected to it. It contains the passive decoding circuitry to separate the four related signals, but it does not alter the incoming information in any way, and it is not a synthesizer. Its function is to fully utilize *all* of the material that has been recorded, including signals of dissimilar phase which contribute the "ambience" or "hall sound" effects previously hidden in conventional two-channel playback of many of your *present* recordings.

The Quadaptor circuit, now widely copied and licensed, saves you a stereo amplifier by reconstructing the four related signals at the output of the power amplifier, rather than between the preamp and power stages, as is the case with other matrix techniques.

The rear speakers connected to the Quadaptor should be at least as efficient as the front speakers for proper balance. They should be 8 ohms, matched, and for best results should be similar to those in front in sonic characteristics. A very smooth impedance characteristic is desirable, for the smaller this variation, the more accurate will be the Quadaptor's decoding. The front speakers should be matched and may be 4, 8 or 16 ohms.

The normal listening position is in the rear 1/3 of the room when four matched speakers are chosen. The Quadaptor provides up to 12 dB attenuation of the back speakers for proper balance if they are too close; it facilitates easy, accurate adjustment of the system for optimum separation; and it enables switching off the back speakers when conventional stereo listening is desired.



The Quadaptor may be used with any Dynaco amplifier (it is redundant with the SCA-80Q) and nearly all other amplifiers and receivers. The kit can be assembled in an hour. If you desire more complete information on the theory behind this most practical of matrix decoding systems, as well as complete application advice, the very detailed instruction manual is available from Dynaco for \$1.50.

WALNUT ENCLOSURES

Accessory genuine oiled-walnut veneer cabinets are available to fit all current solid state and tube type "faceplate" units, as well as most previous designs. Double stacked versions are offered so that typical Dynaco value

lets the cost of one cabinet do the work of two. The short ones are for units which do not require ventilation. The lower unit in double cabinets must be one which does not require ventilation. The PAT-5 does not need ventilation, but fits only the deeper cabinet.

CAB-1S Single short cabinet fits PAT-4, FM-5 or PAS-3X, but not the FM-3. 14 1/2" x 5" x 8 1/2" deep. Shipping weight 6 lbs.

CAB-2S Double short cabinet fits FM-5 with either PAT-4 or PAS-3X. Not for FM-3. 14 1/2" x 9 1/2" x 8 1/2" deep. Shipping weight 7 lbs.

CAB-1D Single deep vented cabinet fits PAT-5, SCA-80Q, AF-6, SCA-80, SCA-35 or FM-3. 14 1/2" x 5" x 11" deep. Shipping weight 6 lbs.

CAB-2D Double deep vented cabinet fits SCA-80Q or PAT-5 with either AF-6 or FM-5, or SCA-35 with either AF-6 or FM-5, or either AF-6 or FM-3 with either PAT-4 or PAS-3X. 14 1/2" x 9 1/2" x 11" deep. Shipping weight 7 lbs.



dynaco

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