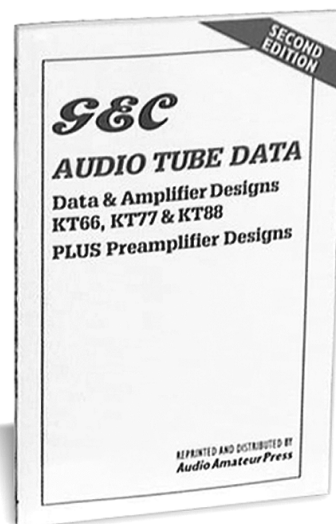


Book Review

GEC Audio Tube Data, 2nd Edition

Reviewed by Larry Lisle

GEC Audio Tube Data: Data and Amplifier Designs KT66, KT77, & KT88, Old Colony Sound Lab, PO Box 876, Peterborough, NH 03458, (603) 924-9464, FAX (603) 924-9467, e-mail custserv@audioXpress.com, \$16.95. BKAA46.



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The good just got better! There's a new edition of *GEC Audio Tube Data* that includes two new sections. The larger one—MOV Application Report Number 20 from 1979—is 36 pages on the theory, design, and construction of preamplifiers. It discusses three functions of preamps: amplifying small signals from a variety of sources, compensating for the deficiencies of the recording process (equalization) so that what you hear is what was originally recorded, and providing tone control if desired.

This section offers a very thorough look at microphones, the equalization process for a number of disc and tape formats—both new and old in 1979—and a variety of active and passive tone controls. You can learn much about the theory of equalization, or simply build from one of the many circuit diagrams. The diagrams include "building block" units that you can use with other circuitry and also complete preamplifiers. Several different tubes are used, including some old favorites and some I wouldn't have considered.

The second new section provides amplifier circuit data for the KT77. While the KT77 is not common, the information is certainly interesting, and you can use it in designing amps with other tubes.

The Preamble comparing tubes and semiconductors, and the data and amplifier designs using the KT66 and KT88, as well as the information on the PX4 and PX25, are of course included. ♦