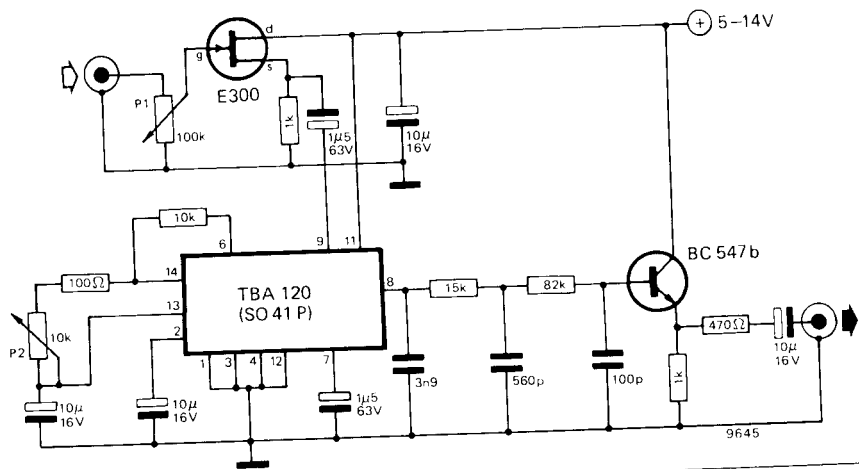


60 Many recording enthusiasts often have some rather peculiar wishes. This device is usually one of them. It is used to alter the pitch of the



H. Leefsma

human voice, so that it can be made to sound like anything from a chattering Donald Duck to a croaking frog. The circuit uses one TBA 120. The multiplier section is used as a ring modulator, and the limiter section as a tuned oscillator. The output load should not be less than 500Ω . P2 is used to set the effect, while P1 sets the input level. Using the TBA 120 the gain is about 20; if the SO 41 P is used instead the gain will be about 10.