

Hammond Service News

Volume 4 Number 8

Model E SERIES

SUBJECT: POPPING AND CRACKLING NOISE

Reference: E Series Service Manual HO-468

A popping and crackling noise as well as a steady or intermittent distortion in the main channel has been reported in the E Series. Tapping the 7591, V303 and V304, output tubes will sometimes make it worse leading one to suspect defective tubes or tube sockets.

Referring to Figure 28, console schematic in service manual, you will note the 7591 output tubes at top right. The problem has been traced to intermittent or open cathode resistors R330 and R331, 10 ohms each. Replace these resistors.