

TECHNICAL NOTE TN-1188

T800 Receiver - 600ohm Audio Line Output with Tamura Transformer

20 June 2006

Applicability

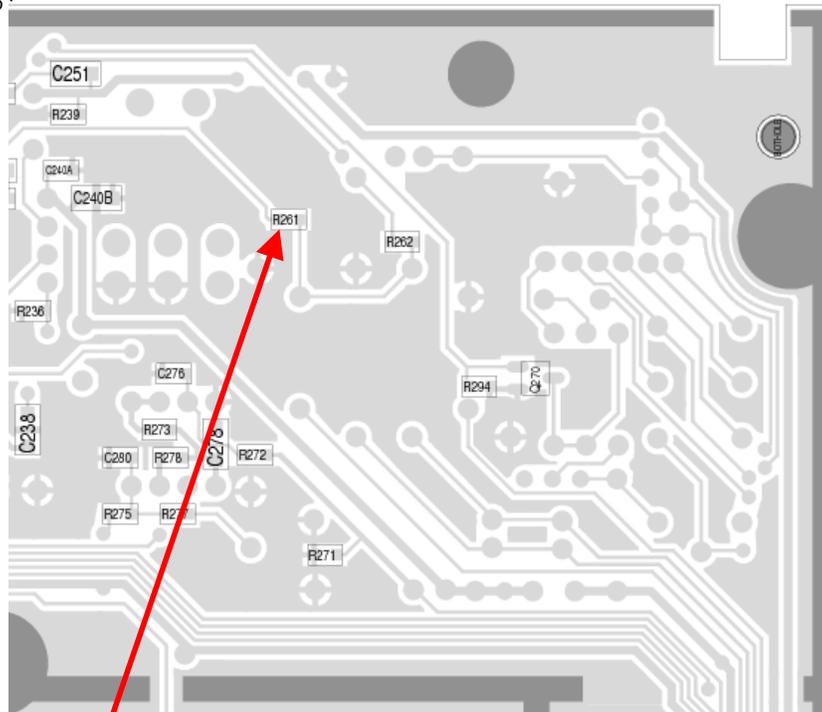
All T800 Receivers produced with Tamura TTC-03 Audio transformer (May to July 2006).

1. Introduction

To get 600ohm output impedance on the audio line output of any T800 receiver produced with the Tamura TTC-03 transformer a resistor value must be changed. This will only be necessary in some installations such as where multiple receivers are connected to a resistive splitter. In a standard receiver-with-exciter/transmitter repeater setup, the levels can be set correctly without performing this modification.

2. Method

R261 must be changed from 150ohm to 560ohm, it is located on the underside of the pcb, the bottom cover must be removed to locate it. See figure 1 to locate R261¹



R261

Figure 1. R261 on bottomside of pcb, change from 150R to 560R.

3. Publication Information

Compliance Issues None

CSO Instruction None

4. Issuing Authority

Name and Position of Issuing Officer Simon Nieper
Technical Support Engineer

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Distribution Level Tait Only

Document History Original Release 20 June 2006 SJN