

Kjeller: 28th April 1982

Information No: 820428

Tandberg A/S
Fetveien 1,
Kjeller, Norway

Postal address
P.O. Box 53
N-2007 Kjeller, Norway

Product: TCA 3002

Telephone
02-71 68 20
Telex
71886 TAND N
Cables
TANRA-OSLO

Symptom: Hum or reception of unwanted radio signals in some or all modes.

Cause: Input earth failure or RF detection in the input circuitry.

Modification: 1. Check that PF (the MM input capacitance selector) is mounted on to the PC board, not above it. Resolder PF to the PC board and check the earth connection. Move any cable that may cause harm when refastening the PC board to the back plate.

2. Replace R 111 and R 112 by thick tinned wires with three ferrite beads, part No. 321517, on each.

3. Replace C 105 and C 106 4n7 by 22n, part No. 252841. With low impedance cartridges the capacitance may be increased even further, up to 100n for very low impedance units.

Result: The first modification will repair earth failure caused by improper mounting of PF, and reduce RF leak-into all inputs. The second and the third modification will reduce the sensitivity to RF leak-in through the MC input.

These modifications are for service purposes only, to reduce or prevent a problem that seldom occurs and will not be introduced in production.

Per Brøndshøi / Tor Andresen

TANDBERG
Service Information

Kjeller: 28.09.1982

Information No: 820928

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SYMPTOM: Both channels falling out for some seconds without any obvious reason.

CAUSE: Muting relay operates caused by incidental, large pulses on the AC mains line.

MODIFICATION: Change value of C610 from 0,1 μ F to 0,47 μ F
part no.: 286043

RESULT: The time constant of the muting control circuit is increased to a value large enough to secure failsafe operation, but short enough fully to prevent clicks when disengaging the mains voltage.

This change will be incorporated in all TCA 3002 from
SERIAL NO. 2160.

Tor Andresen (sign.)
Product Manager

Per Brøndshøi (sign.)
Head of Laboratory

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Service Information