

**AMPLIFIER CABINET CA2/2**

*See also AM9/5, ME12/5*

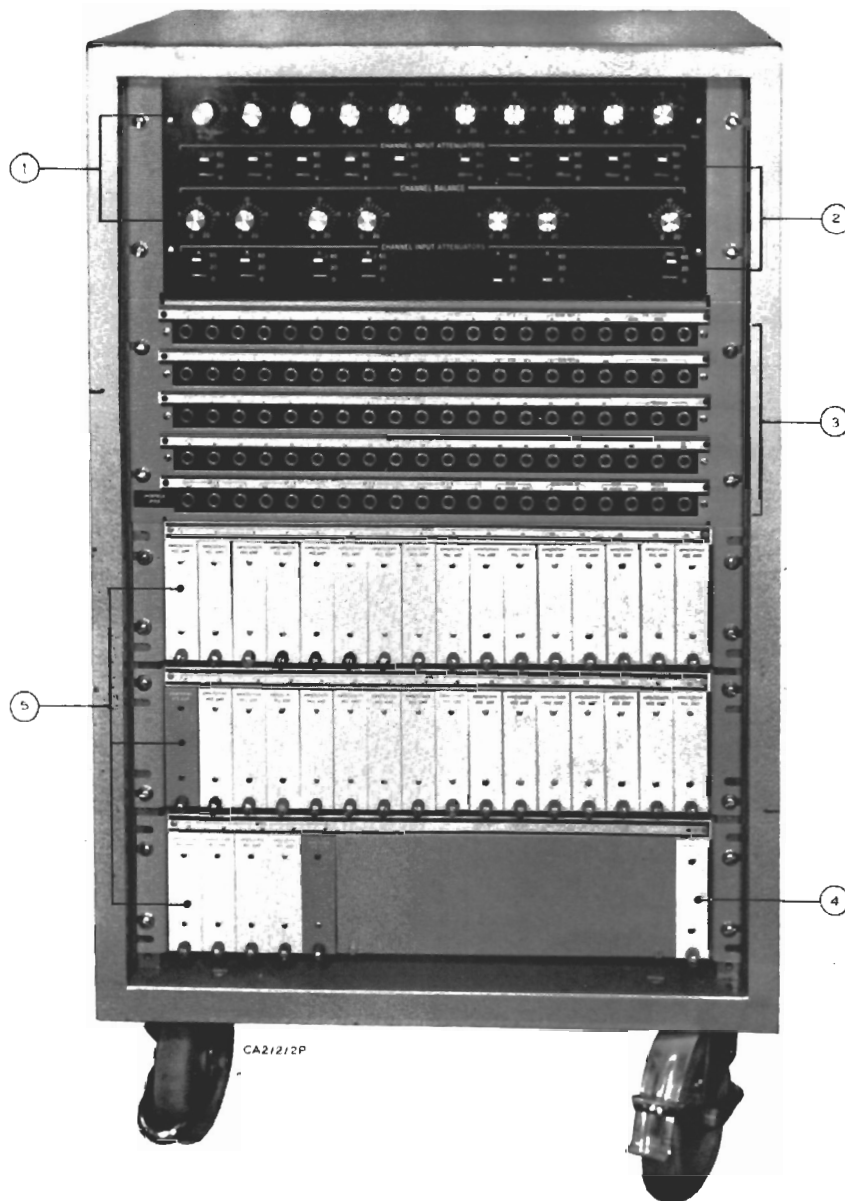


Fig. 1. CA2/2 General View

1. Channel balance controls
2. Channel input attenuator switches
3. Source selection jackfield
4. Aux. P.P.M. amplifier ME12/5
5. Channel and level-raising amplifiers AM9/5

### Introduction

Amplifier cabinet CA2/2 was designed for use as part of transportable stereo studio equipment EP5/11. The cabinet, which is trolley-mounted, is normally rigged at the left of the main floor-standing console of the EP5/11, and is designated trolley 1. A general view of the CA2/2 is given in Fig. 1 and a circuit diagram in Fig. 2. The apparatus housed includes 37 amplifiers AM9/5 and one ME12/5.

### General Description

The CA2/2 is an equipped form of a basic trolley apparatus cabinet CT2/18. It houses microphone channel amplifiers and group amplifiers (all AM9/5s), together with associated channel balance controls, input attenuator selectors and source-selection jackfield. An amplifier ME12/5 to feed an auxiliary P.P.M. elsewhere on the EP5/11 is also fitted.

The AM9/5 amplifiers and the ME12/5 are mounted on standard PN3/25 panels at the front of the trolley. The rear panel, which carries interconnection sockets, is hinged to permit access for maintenance.

Preceding each channel amplifier is a three-position input attenuator switch which allows a

loss of 60, 20 or 0 dB to be introduced in series with the amplifier input and enables high-level inputs to be accepted without overloading.

Preset gain controls for the group amplifiers are fitted with spindle-lock collets and mounted at the rear of the trolley because they should not normally need to be disturbed.

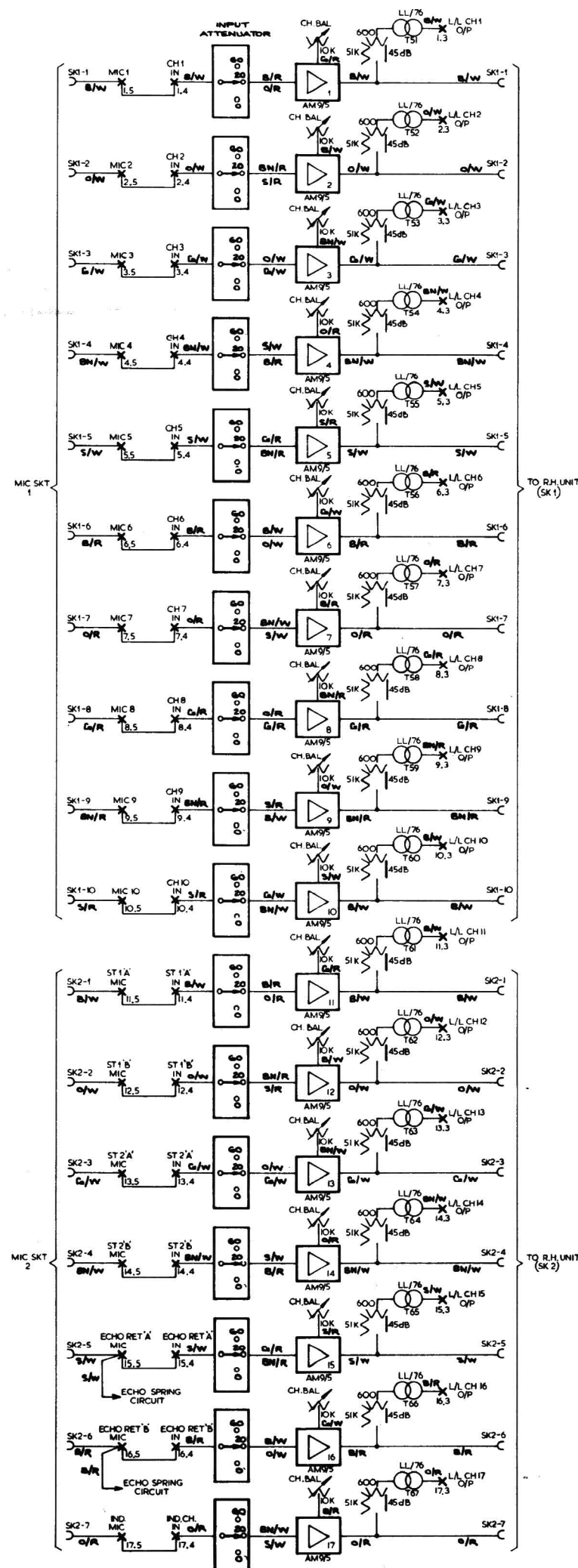
### Interconnections

External circuits to and from the CA2/2 equipment are connected to the back of the trolley. The jackfield provides source-selection, cross-plugging and *Listen* facilities from the front.

Microphones are connected at the rear of the trolley via pattresses as described in Instruction SX.3 Sections 1.3 and 3.4 and 10-pair screened cables terminated on 24-way Tuchel connectors. The microphone inputs are extended to the jackfield, where they are connected in sequence to the outers of the microphone jacks, the inners of which are strapped to the inners of the channel jacks on the lower adjacent row. This arrangement allows overplugging of the normalised wiring.

The echo return channels are also brought up on this jackfield.

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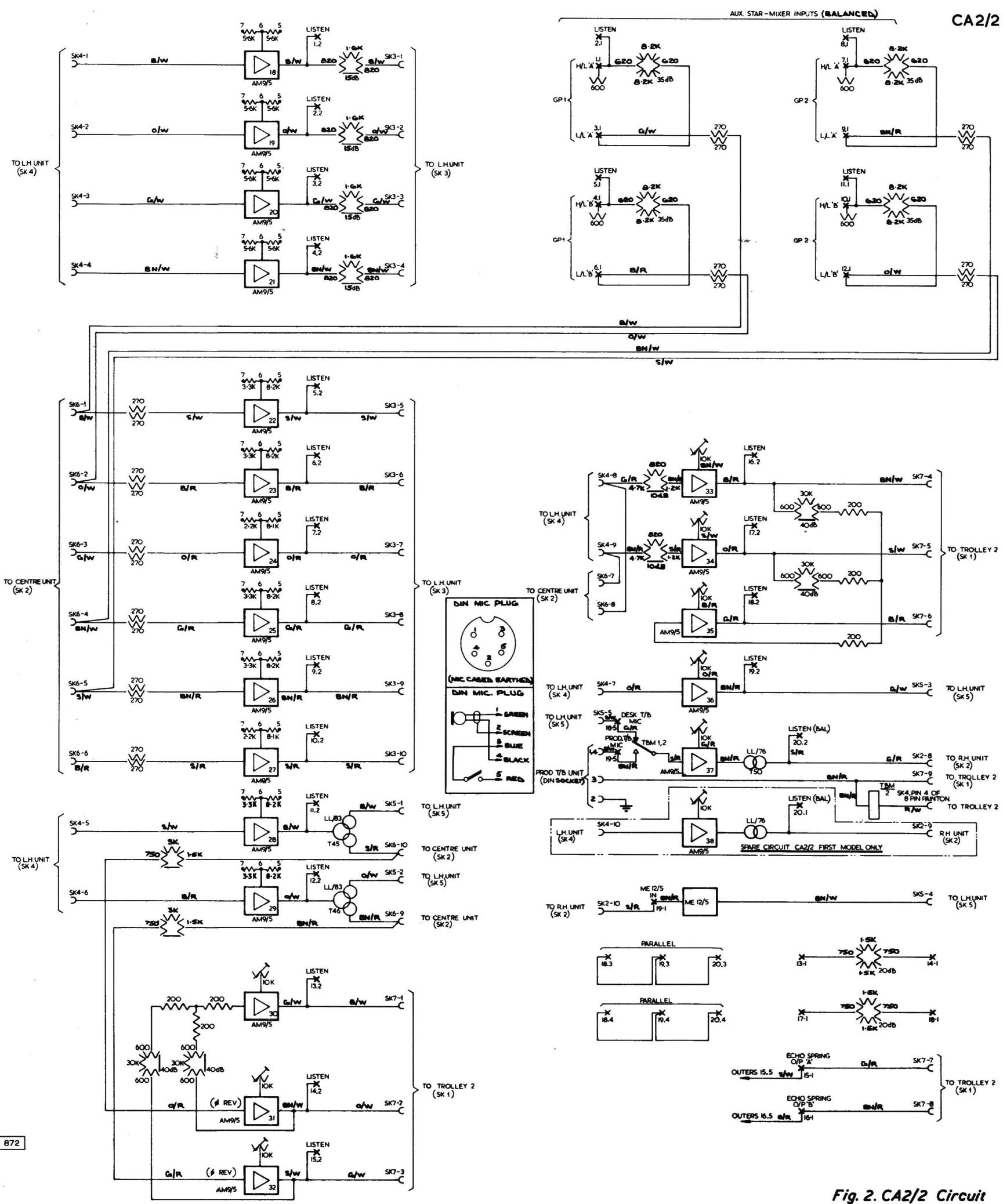


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from TD 872

CA2/2/1T

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AUX. STAR-MIXER INPUTS (BALANCED) CA2/2

Fig. 2. CA2/2 Circuit