

## SECTION 9

### EIGHT-CHANNEL MIXER CONTROL PANEL PA6/509

#### Introduction

The PA6/509 routes d.c. control signals, and provides interlock and indication circuits, for an eight-channel mixer; see Studio Video Mixing Equipment EP5/502, Instruction V.15.

The unit is constructed on a 14-in. high bay-mounting panel. It requires d.c. power supplies at 50 volts and 24 volts.

#### Description

The panel forms part of the control circuit of an EP5/502; the circuit diagram and circuit description is given in Instruction V.15.

The 14 connectors on the panel carry the following circuits:

- Plug A 50-volt and lamp supplies input
- B Switch pulse inputs from, for example, PA6/510

Panel sync information output to, for example, PA6/510

- C Channel transmission cues output
- D No-signal and non-sync +12-volt inputs from, for example, PA6/510

- Socket A Desk cutbuttons input
- B Desk cut lamps output
- C Desk fader lamps output
- D Desk fader switches input
- E Desk sync/non-sync lamps output
- F 8-channel mixer cut/fade amplifier control circuits
- G 8-channel sync switch trigger circuits
- H Mute relay outputs
- J Two-up and transmission information from, for example, PA6/510
- K Channel sync information from, for example, PA6/510

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