

## SECTION 11

### SIX-CHANNEL MIXER CONTROL PANEL PA6/511

#### Introduction

The PA6/511, in conjunction with a PA17/512 relay panel, routes d.c. control signals and provides interlock and indication circuits for a six-channel video mixer (see Studio Video Mixing Equipment EP5/503, Instruction V.15).

The unit is constructed on a 7-in. high PN3/36C bay-mounting chassis. It requires d.c. power supplies at 50 volts and 24 volts.

#### Description

The PA6/511 forms part of the control circuit of an EP5/503 video mixing equipment; the circuit diagram and circuit description is given in Instruction V.15.

The 15 connectors on the panel carry the following circuits:

- Plug A Connects cut-button  $\pm 50V$  to relay panel
- B Remote non-availability output
- C Routes sync information to relay panel

- D Routes inputs from fader microswitches to relay panel
- E Non-sync and no-signal inputs from, for example, PA1/520(1)
- F Non-sync and no-signal inputs from, for example, PA1/520(2)
- G Relay and lamp supplies input
- Socket A Cut-button inputs
- B Fader microswitch inputs
- C Inputs from remote *Sync/Auto/Non-Sync* keys (if used)
- D Non-sync and no-signal outputs to relay panel
- E Inputs from remote *Avail/Non-Avail* keys (if used)
- F Output to remote non-availability lamps
- G Sync information from, for example, PA1/520(1)
- H Sync information from, for example, PA1/520(2)

TES 1/67