

SECTION 12

SIX-CHANNEL MIXER RELAY PANEL PA17/512

Introduction

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

The unit is constructed on a 14-in. high PN3/36 bay-mounting chassis. It requires d.c. power supplies at 50 volts and 24 volts.

Description

The PA17/512 forms part of the control circuit of a EP5/503 video mixing equipment; the circuit diagram and circuit description is given in Instruction V.15.

The 14 connectors on the panel carry the following circuits:

Plug A Relay and lamp supplies input

- B Non-sync indication output
- C Channel-on-air cue output
- D Non-sync and no-signal +12-volt inputs
- E Switching pulse input
- Socket A Cut-button inputs (from desk via control panel)
 - B Output to cut lamps
 - C Output to fader lamps
 - D Fader microswitch inputs (from desk via control panel)
 - E Output to non-sync lamps
 - F Switch pulse outputs to video mixer (cut/fade amplifier control circuits)
 - G Switch pulse outputs to sync-switch panel (sync switch control circuits)
 - H Output to mute relays in video mixer
 - J Channel sync information inputs

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