

SECTION 10

GROUP MIXER CONTROL PANEL PA6/510

Introduction

The PA6/510 routes d.c. control signals, and provides interlock and indication circuits, for the group mixer sections of two-bank video mixers, (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 PA6/510 forms part of the control circuit of an EP5/502; the circuit diagram and circuit description is given in Instruction V.15.

The 29 connectors on the panel carry the following circuits:

Plug A (Musa)	Switching pulses input
B	50-volt and lamp supplies input
C	Mixer non-sync output
D	Mixer transmission cues output (not used).
E	Channel no-signal and non-sync +12-volt inputs
F	Channel sync information output to, for example, PA6/509(A)
G	Channel sync information output to, for example, PA6/509(B)
H	Group two-up and transmission information output to, for example, PA6/509(A)
J	Group two-up and transmission information output to, for example, PA6/509(B)
Socket A	Desk faders input
B	Desk cutbuttons input
C	Desk sync keys input

D	Desk fader switches input
E	Desk lamps output
F	Desk miscellaneous inputs and outputs
G	Group Mixer 1 cut/fade amplifier control circuits
H	Group Mixer 2 cut/fade amplifier control circuits
J	Channel sync information input
K	Group Sync Switch 1 trigger circuits
L	Group Sync Switch 2 trigger circuits
M	Transmission/Preview changeover output
N	Transmission/Preview changeover input
P	Channel no-signal and non-sync +12-volt outputs to, for example, PA6/509(A)
Q	Channel no-signal and non-sync +12-volt outputs to, for example, PA6/509(B)
R	Group transmission cues input (Not used)
S	Group transmission cues input (Not used)
T	Group switch pulses output to, for example, PA6/509(A) and group sync information input from PA6/509(A)
V	As for socket T but to and from PA6/509(B)
W	Transmission/Preview changeover lamps output

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