



Synchronizing Generator Accessories

Emergency and Test Signal Switching Unit Type BD 639

The following facilities are provided:

- (a) Sync. generator change-over in an emergency.
- (b) In the event of a failure of the vision mixer in a television system, connection of a predetermined camera channel direct to line.
- (c) Switching to line, for test purposes, of test signals from a monoscope or mobile sync. generator.

Synchronizing Generator Change-over Unit Type BD 672B

This rack-mounted unit contains a multiple Ledex switch for rapid change-over of the outputs from two sync. generators, e.g. between main and reserve generators. The inputs and outputs are taken via EP 8 connectors for drives, and coaxial connectors for sync. pulses.

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Control of the switch is effected from the Sync. Generator Control Panel Type 2122A, which is normally housed in a master control console. A 24 V supply with a peak capacity of 8A is required for operation.

Automatic Genlock Type BD 885

This unit enables a local synchronizing generator to be locked to a remote television system or outside broadcasting source. Mixing between such signals is then possible without loss of synchronism at the receiver, as both the line and field components of the two synchronizing signals occur at the same frequency and are in phase. In the locked condition it is possible to switch between remote signal sources. Should a failure of the remote signal occur, return to the local generator is automatic. A certain degree of remote signal mutilation causes no disturbance but should excessive mutilation exist, automatic change-over takes place.

A remote control panel is available which enables switching to be carried out in production or master control rooms.

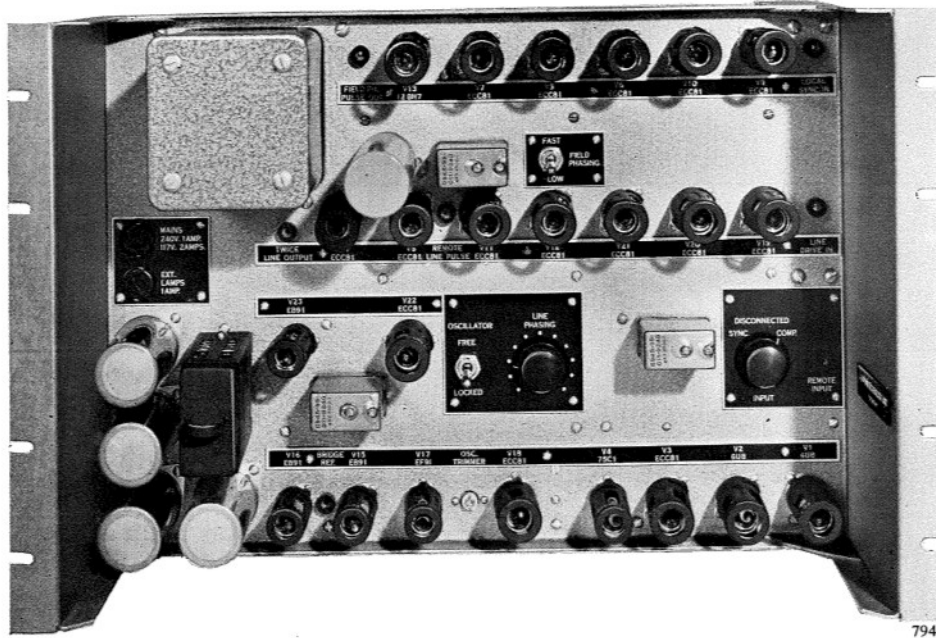
Coaxial Patching Panel Type BD 669C

This unit consists of 56 Musa-type coaxial connectors mounted on a 19 in. (48 cm) panel to facilitate patching between various lines carrying video, synchronizing signals and so on.

The panel is suitable for operation with Synchronizing Generators Types BD 689 and BD 868, or with standard vision signals.

Coaxial Breakjack Panel Type BD 669B

A 'breakjack' is a screened box having coaxial connectors for input and output at the rear and a Musa-type socket and test point on the front. Patching into this socket breaks the through-circuit between the two rear connectors, one of which is then wired to the connector and the other is terminated. The BD 669B consists of 28 such jacks mounted on a 19 in. (48 cm) panel and so provides a convenient way of breaking into circuits.



Automatic Genlock Type BD 885.

The panel is suitable for operation with Synchronizing Generators Types BD 689 and BD 868, and standard vision signals.

Cable Equalizer Unit Type 2634

A loss at high frequency occurs in long runs of coaxial cable and equalization becomes necessary. This is effected by the Type 2634 which is a screened box containing L, C and R components, the values of which may be easily calculated by means of an ABAC, to give a characteristic inverse to that of the cable so providing equalization.

This unit is normally connected to the input of a vision distribution or line clamp amplifier located at the end of the cable route, which amplifier restores the signal gain. For special applications equalizing amplifiers with gains of 15 dB or more are available.

The unit is suitable for operation with Synchronizing Generators Types BD 689 and BD 868.

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