

STUDIO SWITCHER UNIT

The CHILTON 4 Studio Switcher Unit complements the family of quality rack units manufactured by CHILTON .

The Switcher Unit is independent, fully self powered including remote switches, no other units or PCB's are required.

The units allows a stereo signal to be switched from up-to Eight different sources (studio) to transmitter / output equipment.

The unit includes a separate pair of XLR's for the input signal and a remote port for the **OFFER** and **ACCEPT** switches to activate the logic remotely for each studio.

Each studio works on **OFFER** + **ACCEPT** (on air) logic, i.e. **Studio 1** is on Air, the **ACCEPT** (on air) switch is illuminated and **Studio 1** activates the **OFFER** switch illuminates in all Studio's when Studio 2 is ready, the **ACCEPT** (on air) switch is activated. Studio 2 **ACCEPT** (on air) switch illuminates and is now on air, all **OFFER** switches + Studio 1 **ACCEPT** (on air) Switch are deactivated. The **OFFER** Switch will illuminate for 2 minutes then the logic is disabled until the **OFFER** switch is activated.

The remote switches **OFFER** + **ACCEPT** have a high level of illumination with no problems due to long lead length, up to 15-20 meters.

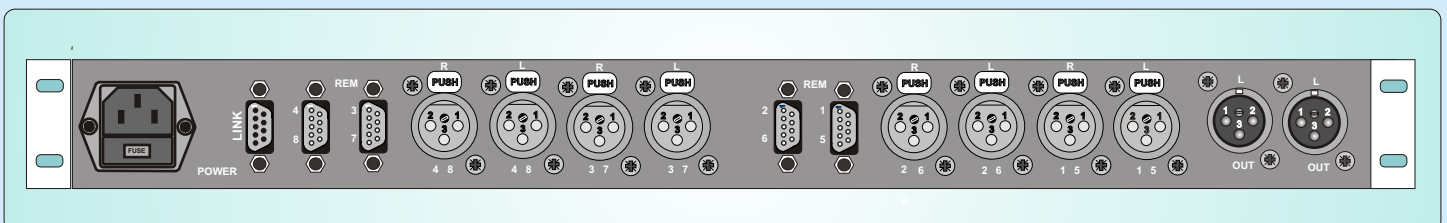
The CMOS logic has trickle charge battery back-up and will store the last setting during a power failure, the Switcher Unit can be used without the battery but will return to **OFFER** status after a power failure.

The front panel indicates the status of the switching and allows manual reset to **OFFER** status.

The power supply allows for a mains voltage drop from 245 to 150 volts AC. or 120 to 75volts AC.

SPECIFICATION:

Each unit will handle up to 4 Studios and / or News Rooms, Automation systems. 2 Units can be Linked to a maximum of 8 sources. Switching is by inert gas filled relays offering maximum reliability, no noise introduction or limit to signal level. All metal XLR's for signal in/out and 'D' connectors for Remote switches and link. Studio status is indicated on front panel.



SWITCHER REAR PANEL

GRAPHICS BY

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