

Q-CALL[®]

120

Preliminary Data

Kliegl

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kliegl is pleased to introduce a truly portable memory system designed especially for touring theatre applications employing up to 120 lighting channels. The self-contained control console is in two parts, a desk unit and a pedestal. These are easily separated and are small enough to be carried in the average-size car. In addition to 100 instant access memories, Q-CALL 120 includes three independent playback systems, a "dipless" crossfade facility and many other features well known in larger KLIEGL memory systems.

Compact Dimensions:

- Desk Panel Area: 22" x 24"
- Height with Pedestal: 40"
- Weight: 120 lbs. appx.
(Equally distributed between the desk unit and the detachable pedestal.)



Other Mechanical Features:

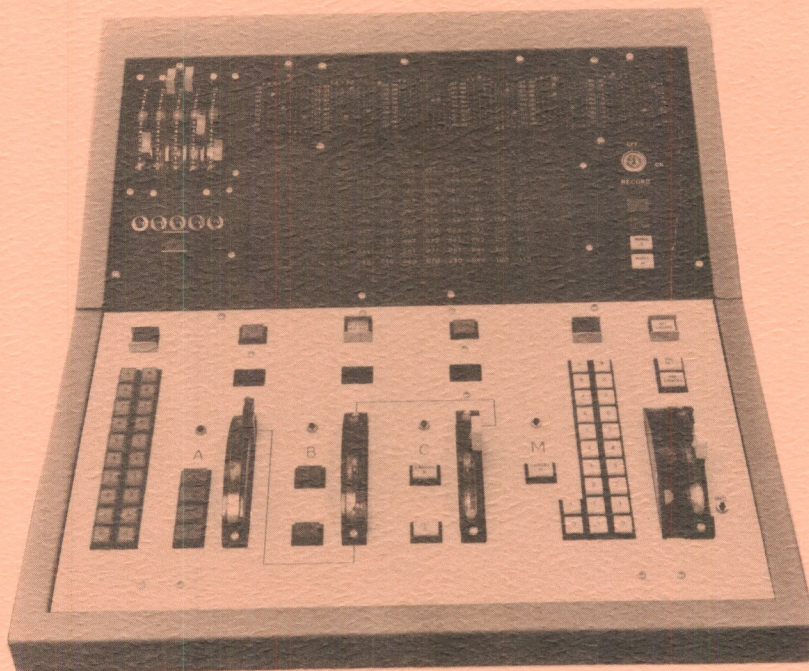
- A fifteen foot extension cable allows the desk top to be operated remotely from the pedestal. This allows the desk to be placed on a table or operated from a temporary position from the seats of a theatre.
- All control panels are hinged for easy access.
- Operates from ten unique printed circuit boards.

Operational Features:

- System Capacity. 120 Channels with 100 Memories
- Compact Channel Controller. Manual control is by means of decimal push button channel selection and a single fader lever. Channels may be controlled singly or in groups and a special data store enables a complete lighting state to be set up independently of the playback or memory system. This state may be memorized or transferred directly to the control of any playback.

Three Playback Routes. Three independent memory playback systems are provided (A,B,C). Each system includes a master fader, a CUT (substitute new memory) button and a CANCEL button. In the case of Playback A, memory PLUS and MINUS buttons are also provided.

- Dipless Crossfade. Depression of the CROSSFADE button allows master fader B to perform a "dipless" crossfade between Playbacks A and C. Playback B channels remain operational during this action.
- Transfer Manual to Playback Facility. If the TRANS button is depressed, operation of the CUT, PLUS or MINUS buttons transfers the manually controlled levels directly to the appropriate playback without involving the memories. This permits the use of the board as a three preset system without disturbing memories set up for a main production.



- Channel Level Indicator. When any channel number is selected, its working level is shown by the illumination of a number of LED indicators mounted alongside the channel fader scale. These form a luminous column the height of which corresponds to the level for that channel.
- Manual Override of a Channel in Playback. Selection of the number of a playback controlled channel will cause its playback level to be shown by the indicator. If the fader setting is now matched to the top of the illuminated column, this channel will be automatically transferred to manual control. The sense of any mismatch is shown by two additional indicators at the top and bottom of the fader scale and these are both extinguished when matching has taken place. The channel level may then be re-adjusted and the process repeated for any number of additional channels.
- Reversion from Manual to Playback Control. A CANCEL M button returns all manually controlled channels to playback control at their original playback levels. An IND CANCEL button restricts this action to the selected channel or channels.
- Instant Channel Level Setting. An IND SET button overrides the channel matching action and instantly sets the levels of selected channels to that of the channel fader. During initial setting up, this facility avoids the need to return the fader to zero before adjusting each channel.
- Record Stage and Record Manual Facility. A RECORD STAGE button memorizes the actual state of lighting irrespective of the manner of control (i.e. Playback or Manual control). A RECORD M button memorizes the manually controlled channels only.
- Blind Plotting Facility. If the OFF LIGHTS button is depressed the manual controls are still functional but have no effect on the actual lighting. A future lighting plot may therefore be prepared without affecting the lighting in use, and then memorized by pressing the RECORD M button. When required, the resulting memory can be recalled in the usual way as an actual state of lighting. During blind plotting the level indicator shows the state of the manually controlled channel.

- Multi-Purpose Mimic Display. A compact mimic panel incorporates two miniature LED indicators for every channel and these are illuminated whenever the channel is active, i.e. at above zero level. In normal operation, the mimic shows the active states of all lighting channels. However, by pressing the appropriate push button, the display can be restricted to the channels contributed by each playback or by the manual control system. During blind plotting the display is automatically restricted to the manually controlled channels but a push button allows instant return to the normal all-channel state. When this button is used the channel level indicator shows the level of the selected channel in the playback output.
- Auxiliary Manual Control System. A plug matrix selector allows a free choice of channels to be assigned to each of five auxiliary faders. These are independent of all other board functions and may be used to control special purpose circuits for houselights, follow spots etc. This system can also be regarded as an emergency stand-by facility, as it uses an independent power supply.