

DIGITAL DISPLAY
EQUIPMENT LTD.

P.O. Box 20, Horsham, Sussex.

Telephone 029-384-418

Our ref. JLK/BRK

Your ref.

11th May, 1973.

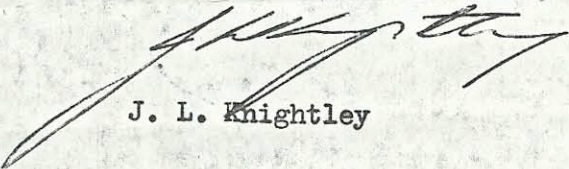
The Mermaid Theatre,
Puddle Dock,
London, E. C. 4.

QUOTATION

ONE off 'Plotlite' modular lighting controller,
conforming to the attached specification.

£10,000

Delivery: Five months from receipt
of order.



J. L. Knightley

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Your ref.

PROPOSAL - MERMAID THEATRE

The modular design concept of the 'Plotlite' controller is such that we are able to offer an equipment to meet your concise requirements.

The unit supplied will have a capacity of 100 lighting channels with 100 cues immediately available via push buttons, although of course this is infinitely expandable in blocks of 100 cues via the automatic tape cassette.

Facilities are provided to operate in a programmable mode or to control the dimmers direct from the channel levers, bypassing the electronic sequencer.

Construction:

The construction would consist of a free standing desk approximately 60 inches long x 30 inches high x 30 inches deep. For ease of transportation and installation the unit would consist of two support sections and a desk top. The electronics and associated power supplies would be contained within a pull-out drawer. Panels A, B, C and D upon which the functional controls are mounted would be removable from the top of the desk for ease of maintenance and possible incorporation of additional controls.

Panel A

Mounted upon panel A will be 100 individual channel levers. Associated with each lever will be an amber indicator and an illuminated push button. During a programmable mode, to obtain manual control of a given lever, the appropriate push button would be depressed which would then illuminate. The lever would be adjusted until the level corresponds to that on the stage, at which time the amber light will illuminate with the lever taking over manual control of the light.

An ALL OFF button would be fitted, which, when depressed, would cause all channel amber lights to go off if the channel level and lever position are not the same (as could be the case after a cue change).

Panel B

Mounted upon panel B would be 100 individual channel levers which can be used in conjunction with the levers on panel A to afford manual control of the dimmers under a stage/preset mode. The manual mode would bypass the electronic board and directly control the dimmers.

Panel C

Is a plain panel, upon which the lighting plot sheets can be placed. This panel could also be used for any auxiliary function controls.

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PROPOSAL (cont.) - MERMAID THEATRE

Panel D

This is the main programme control panel containing all the functions necessary for compiling, cue assembly and play back of complete shows.

Reference should be made to the publication for the overall function and operational procedure. The controls have been arranged to meet your requirements and are as follows -

The standard cassette tape unit is retained with the number of cues increased to 100 available by illuminated push buttons.

The cross fade push buttons are replaced by two master fade levers with associated "cue in use" indicator and push button selection of the levers.

The record enable switch would be retained which permits over-writing of both the dynamic memory and cassette tape only when the key is inserted and turned.

Three pairs of interlocked illuminated push buttons would perform the following functions -

Pair 1 will enable STAGE or PRESET to be selected when assembling a cue by means of the independent channel levers.

Pair 2 STAGE RECORD or PRESET RECORD of the assembled cue.

Pair 3 MEMORY TO STAGE or PRESET TO STAGE. The action will be that the MEMORY TO STAGE button will be permanently depressed during cue transfers and cancelled if the PRESET TO STAGE button is depressed. The latter action will permit a cue previously assembled in preset during the cue transfers from memory, to be introduced on stage when required.

Commissioning and Acceptance:

Digital Display engineering personnel will commission the equipment after connection has been made to the dimmers etc. by your department (the mating halves of all connectors will be supplied for this purpose). Upon completion of satisfactory commissioning, an acceptance check will be performed in the presence of your operational staff. This will be such as to establish that all functions are performing correctly. Upon satisfactory completion, the equipment would be accepted on behalf of the Mermaid Theatre.

Warranty:

Digital Display Equipment Ltd. guarantee the equipment for a period of six calendar months from delivery, against faulty components or bad workmanship which results in a malfunction of the equipment. All maintenance beyond this period will be undertaken against an agreed rate.

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PROPOSAL (cont.) - MERMAID THEATRE

Maintenance:

Solid state electronics are used throughout the equipment, mounted upon plug-in boards with typically ten different boards. Maintenance information in the form of block diagrams and fault diagnostics will be provided to enable any fault to be easily located and rectified. It is expected, at most, that the Mermaid personnel would only change a board and not components within a board.

All test points, fuses etc. will be made readily accessible.

BN/JK

10th July 1973

Dear Mr. Knightley,

Following our chat this morning I confirm that it is the intention of the Mermaid Theatre Trust to purchase one 100-channel Plotlight Stage Lighting Control to the agreed specification. It is understood that you can arrange delivery within the next five months at a total cost, including supervision of installation, of £10,000.

Yours sincerely,

SIR BERNARD MILES

John Knightley, Esq.