

Thorn Lighting Limited,
Theatre Lighting Division,
Enfield

Information Sheet Q/001

22nd October, 1969

Q-FILE LIGHTING CONTROL EQUIPMENT
INSTALLATION AND COMMISSIONING

SUMMARY OF RESPECTIVE RESPONSIBILITIES
OF SUPPLIER AND CUSTOMER

SUPPLIER'S RESPONSIBILITIES

1. To provide full co-operation and advice during the planning of a proposed installation.
2. To provide at an early stage all such information as the customer may need in order to discharge his own responsibilities. This will include agreement to a schedule indicating the start and completion of each stage of the installation and the required access dates.
3. To mount the control panels and mimics in console furniture provided by the customer, and to supervise the placing on prepared sites of all control and dimmer racks.
4. To connect all control cables supplied by ourselves but laid by others.

NOTE: The provision of switchgear and trunking and the supply and connection of all power cables is the responsibility of the customer.

5. To verify correct operation of the control equipment and dimmers, and ensure that all panel controls are functioning satisfactorily.
6. To supply six copies of an operator's handbook and to demonstrate and explain the use of the equipment (normally supplied in English, French, or German).
7. To provide at an agreed charge full circuit diagrams together with such technical information (in the English language) as the customer may require in order to maintain the equipment.

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8. During our guarantee period, we will repair or replace any item of equipment which has become defective in consequence of faulty material or design. We will not accept responsibility for faults arising from mis-use or careless maintenance of the equipment, incorrect loading of dimmers, mains voltage in excess of the specified limits or ventilation failure.

CUSTOMER RESPONSIBILITIES

1. To specify a mutually acceptable dimmer room layout and a suitable location.
2. To specify the number and position of dimmer racks to be supplied from each phase of the incoming mains.
3. To specify which control channel numbers should be allocated to individual dimmers.
4. To provide suitable rooms for the installation of the Q-File Equipment. These should be of a type suitable for the housing of electronic equipment.
5. To provide and connect all power wiring to and from the dimmer racks and to install all necessary power and control cable trunking.
6. To provide and connect a "technical" mains supply and technical earth to the control racks. An adjacent isolator switch should be provided and fused for a 1Kw load.
7. To provide an adequate ventilation system in the dimmer room and if necessary, in the control rack area.
8. To determine the most convenient and direct cable routes and to provide and install all necessary trunking, ducts or trays as appropriate. An indication of approximate cable lengths is required at an early stage. Since cables between the control panel and control racks are normally supplied with plugs already fitted, and accurate indication of length should be provided as soon as possible.
9. To accept delivery of control cables and place these in position ready for connection by ourselves.
10. To carry out all structural and decoration work in advance of the supply of equipment, and to provide a smooth and non-dusting floor area for receipt of the above. If the control racks are to be installed on a solid floor the customer is required to supply a suitable hollow plinth to allow bottom cable entry.

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11. To provide a site access road suitable for use by a vehicle of 5 tons (5000Kg) load capacity. The customer is also requested to provide the labour necessary to convey the equipment from the vehicle to its final site and to supply any mechanical handling plant which may be required in difficult access situations. Alternatively we will provide these facilities at an additional charge.
12. To allow unrestricted access to all working areas and equipment in accordance with an agreed installation schedule. These areas should be clean and suitable for the installation of electronic equipment.
13. To ensure that mains power is available for soldering irons etc. during all stages of installation, and that the technical and lighting mains supplies are available at such times as equipment tests are scheduled to commence..

1. To provide full co-operation and advice during the planning of a proposed installation.
2. To provide at an early stage all such information as the customer may need in order to discharge his own responsibilities. This will include agreement of a schedule indicating the start and completion of each stage of the installation and the required equipment.
3. To erect the control panels and mimic in console form as provided by the customer, and to supervise the working on prepared sites of all control and mimic equipment.
4. To supply all control cables supplied by customer.
5. To verify operation of the control equipment and to ensure that all panel controls are functioning satisfactorily.
6. To supply six copies of an operator's handbook and to demonstrate and explain the use of the equipment (normally supplied in English, French, or German).
7. To provide at an agreed charge full circuit diagrams together with such technical information (in the English language) as the customer may require in order to maintain the equipment.

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