

Ex-Or
Novar ED&S
Limited
Haydock Lane
Haydock
Merseyside
WA11 9UJ

SCENESELECT II

System Commissioning

Commissioning / Operation:

Please contact Ex-Or Contracts Department to arrange for commissioning of the Sceneselect 2 lighting control system. Prior to the commissioning visit the end user or contractor will be asked to complete the system parameter details sheet which is included in this document. Some of the programming at times can be planned or be carried out "off site"

Work carried out at System Commissioning:

Commissioning of the Ex-Or system would normally be carried out by an engineer employed and trained by Ex-Or Novar ED&S Ltd. Various items need to be set-up correctly to ensure that system performs and therefore commissioning should only be attempted by suitably qualified personnel.

The commissioning work includes:

- Check all items have a mains supply connected were necessary
- Check all bus wiring between Sceneselect 2 devices is in CAT5 screened cable
- Identifying (electronically) all Sceneselect 2 devices on the system. Dimmers, relay units, control panels etc.
- Check all communication networks
- Check each connected outgoing circuit from relay or dimmer units are wired as supplied drawings (from contractor).
- Check compatibility of dimmer units with connected load ie DSI, DALI, 1-10V, Leading Edge or Trailing Edge.
- Check that all permanent feeds for emergency fittings are connected to the outgoing side of the MCB which corresponds to the switched or dimmed feed to that channel.
- Install all the required programme data as given to Ex-Or by the customer
- Diagnosis of any faults on the Sceneselect 2 system – Wiring and installation faults must be rectified by the installer before further work can be carried out.
- A full functional test of the system when all the parameters issued to the Ex-Or engineer have been entered into the system
- A site demonstration of the commissioned system to the installing contractor. If further demonstrations are necessary then these will be chargeable.
- A completed Commissioning certificate will be provided detailing:
 - Site Address
 - System
 - Warranty Dates

Note: Certificate does not include any responsibility for system design.

Fault Finding Information:

Communication Error

System not responding to manual inputs

- Check wiring for short circuits or open circuits
- Check CAT 5 cable for correct termination into each device and that it is wired in a radial circuit and not a ring.
- If intermittent missing, suspect loose connections of the bus cable

Luminaires do not respond to Control

- Check lamp is fitted correctly into the lamp holder.
- Check lamp wiring connections
- Check the correct lamp is being used with the correct Ballast
- If fluorescent dimming make sure Dimming control wires are installed
- If mains dimming make sure that a dimmable transformer is used where necessary
- Check compatibility of installed loads with installed dimming equipment
- Technical data sheets for each Ex-Or product can be down loaded from our website.
www.ex-or.com

Further Information

If a fault cannot be found then the next course of action should be to contact

- Technical Sales Support technicalsales.ex-or@honeywell.com
- Commissioning Department 01942 719229

The above departments can both offer technical assistance

EX-OR SCENESELECT 2 CONTROL SYSTEM

TERMS & CONDITIONS OF COMMISSIONING

Contractors Company Name.....
Contractors Address
.....
Tel No Fax No
Contact Name
Contact Email
Mobile No
Site Address
.....
Site Contact Name Site Tel No
PURCHASE ORDER NUMBER ISSUED TO EX-OR

- 1 Is Ex-Or to be connected to a Graphics Panel
- 2 If "Yes" is the Graphics Panel on site and power supply connected
- 3 Will our Engineer have free & Unlimited access to graphics Panel
- 4 Are all control plates fitted and connected
- 5 Are All Mains and Data Cables Terminated into Fittings
- 6 Have all Fittings been installed
- 7 Have all cables been tested to IEE regulations
- 8 Are drawings Available
- 9 Are all Fitting positions shown on Drawings
- 10 Are all Bus cabling routes shown on drawings
- 11 Have all fittings been checked for mains and emergency operation
- 12 Has all fitting control gear been checked for compatibility with the installed Sceneselect 2 equipment
- 13 Is access available to all areas and will a site induction be required
- 14 Is access available to any High areas

YES	NO

NOTE: Access equipment must be supplied free issue to our Engineer for heights above 2m and any scaffolding must be erected by the contractor

15 Is a site induction required

YES	NO
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16 If the answer is yes what time is it carried out

____:____ hrs

17 Have all drawings and graphic panel programming requirements been issued to Ex-Or

YES	NO
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NOTE: All details must be forwarded with this document at least 10 days prior to commissioning

18 Electrician to be on site and in attendance at ALL times

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19 A minimum of 2 working days **written or faxed** notice is required from the customer to cancel appointments. If no notice is received and the engineer arrives on site the customer will be charged at a minimum of 1day (*rate applicable at the time*).

20 If the system offered for commission is not ready or available at the time our engineer arrives on site a waiting time of 1hr from arrival will be allowed before the Engineer leaves site and condition 17 will apply.

21 All criteria of the above conditions should be strictly adhered to when booking a commission; otherwise an aborted visit will result in condition 17 being applied.

22 If the equipment is not installed or ready for commissioning and a return visit is required, this could take up to 2 weeks to re-schedule subject to program of works.

23 This document: **MUST BE SIGNED & RETURNED OR FAXED AS ACCEPTANCE OF OUR TERMS & CONDITIONS, THE COMMISSIONING VISIT WILL NOT BE BOOKED AND PROGRAMMED UNTIL THIS FORM IS SIGNED AND RETURNED**

Company Name

Customer Signature

Date

Please return this form to: Ex-Or Novar ED&S Contracts Department

Fax Number 01942 272 767

Email contracts.ex-or@honeywell.com

PREFERRED DATE(S) FOR COMMISSIONING