

Reporter Software

The Reporter programme operates on an IBM PC compatible computer (486DX2, Pentium 75, or better) under a Windows or Windows 95 operating system. A series of windows allow feedback of current status information and logging of loads and faults from Supervisor Dimmers. Total system parameters are also displayed. Command functions allow dimmer rack configuration to be set up or altered remotely by the Reporter programme and the configuration may be stored or recalled on disc for security.

EC90 Supervisor 72 x 3kW

Standard configuration large rack with 36 dual 3kW dimmer modules. Racks available with standard specification or high specification modules, and with or without Reporter options (see general details). Racks also may be configured to special order.

V 230V/240V phase/neutral star supply, 50/60Hz A 600A (three phase) W 72 x 3kW H 72 C 99 I DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) J 1964 x 910 x 510mm K 310kg (370kg with hi-spec modules) L 910 x 510mm ✓ CE i 7.4.3

LD90 24 x 2.5kW



LD90™ DIGITAL DIMMERS

- Digital dimming system with choice of dimmer blocks for custom requirements at an economical price
- Suitable for fixed dimming installations
- Compact convection-cooled rack, finished in grey with moulded MCB fascia plates
- Easy installation and service access
- Programmable features
- Local control panel for programming and rack status display
- Smooth 2000-step fade resolution
- 99 programmable preset memories per rack
- Programmable choice of backup memory when Mux signal is not present
- System Wide Control (SWC) for setting and selection of internal programmable memories using the SWC Programmer
- Handheld SWC programmer option provides simple direct control of all dimmers for focusing or test
- Multiplex or analogue control input
- Second DMX control input option
- Two analogue control signal outputs for auxiliary equipment such as houselight dimmers, relays etc
- Comprehensive programmable features per dimmer
- Fluorescent control modes including unique 'fast start' to ensure smooth dimming with electronic ballasts
- Complies with mandatory European safety and EMC regulations
- Earth leakage breaker (RCD) option
- Data security - setup data can be stored on a personal computer
- Available as complete racks or as component parts to construct custom configured racks and supplied with fixing screws, gland plates and instruction booklet

Cat No. Description

74461	EC90 Supervisor, 72 x 3kW, Standard, Reporting
74462	EC90 Supervisor, 72 x 3kW, Standard
74471	EC90 Supervisor, 72 x 3kW, Hi-Spec, Reporting
74472	EC90 Supervisor, 72 x 3kW, Hi-Spec

EC90 Supervisor 36 x 3kW

Standard configuration small rack with 18 dual 3kW dimmer modules. Racks available with standard specification or high specification modules, and with or without Reporter options (see general details). Racks also may be configured to special order.

V 230V/240V phase/neutral star supply, 50/60Hz A 300A W 36 x 3kW H 36 C 99 I DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) J 1162 x 910 x 510mm K 185kg (215kg with hi-spec modules) L 910 x 510mm ✓ CE i 7.4.3

Cat No. Description

74463	EC90 Supervisor, 36 x 3kW, Standard, Reporting
74464	EC90 Supervisor, 36 x 3kW, Standard
74473	EC90 Supervisor, 36 x 3kW, Hi-Spec, Reporting
74474	EC90 Supervisor, 36 x 3kW, Hi-Spec

EC90 Supervisor 36 x 6kW

Standard configuration large rack with 36 single 6kW dimmer modules. Racks include high specification modules, with or without Reporter options (see general details). Racks also may be configured to special order.

V 230V/240V phase/neutral star supply, 50/60Hz A 600A W 36 x 6kW H 36 C 99 I DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) J 1964 x 910 x 510mm K 310kg (370kg with hi-spec modules) L 910 x 510mm ✓ CE i 7.4.3

Cat No. Description

74481	EC90 Supervisor, 36 x 6kW, Hi-Spec, Reporting
74482	EC90 Supervisor, 36 x 6kW, Hi-Spec

EC90 Supervisor 18 x 6kW

Standard configuration small rack with 18 single 6kW dimmer modules. Racks include high specification modules, with or without Reporter options (see general details). Racks also may be configured to special order.

V 230V/240V phase/neutral star supply, 50/60Hz A 300A (three phase) W 18 x 6kW H 18 C 99 I DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) J 1162 x 910 x 510mm K 185kg (215kg with hi-spec modules) L 910 x 510mm ✓ CE i 7.4.3

Cat No. Description

74483	EC90 Supervisor, 18 x 6kW, Hi-Spec, Reporting
74484	EC90 Supervisor, 18 x 6kW, Hi-Spec

For further information, please contact your Strand Lighting representative.

The compact, convection-cooled cabinet is designed for wall or floor mounting, and the construction, which incorporates a single processor module controlling three power blocks, offers ease of installation plus facilities for mixing dimmer ratings and specifications within one cabinet.

Each LD90 rack accepts three power blocks, which are chosen from a range of 8 x 2.5kW or 4 x 5kW dimmers. All power blocks are fitted with MCBs, and an RCD may be included as an option. Racks may be positioned and cabled before the power blocks are installed, to reduce the risk of damage during building work. Each power block has the same overall size and power requirement, so a mixture of 2.5kW and 5kW dimmers may be included in the same rack. Blank power blocks are available for custom equipment or branch breakers, or just for completing a partly-equipped rack.

LD90 offers a number of programmable features to match the dimmer's performance to the user's precise requirements, which include:

- Rack start address number
- Individual dimmer patch
- 99 programmable SWC "back-up" presets
- Maximum and minimum output voltage
- Selection of non-dim operation for dimmers
- Non-dim switch-on level
- Fast, medium or slow dimmer response times
- Dimmer law (linear power, 'S', or square law)
- Fluorescent mode with top and bottom cut-off points
- Selectable electronic ballast 'fast-start' mode
- Suitable for use with Outlook™ architectural stations to provide a comprehensive lighting control system

LD90 24 x 2.5kW

A standard rack configuration comprising three power blocks, each with eight 2.5kW dimmers, and a choice of MCB/terminal configurations. NDT version has Neutral Disconnect Terminal blocks for circuit checking. SPN are fitted with Neutral Switch MCBs which give double pole isolation from the mains but trip only on phase overload. Accessories include RCD kit (one required per power block), additional DMX signal input, larger cable termination, and single phase operation. Custom racks may be created from the system building blocks listed elsewhere.

V 230V/240V phase/neutral star supply, 50/60Hz A 100A (three phase) or 300A (single phase) W 24 x 2.5kW H 24 C 99 I DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) J 1050 x 995 x 150mm K 76kg L 1050 x 150mm M 135kg N 0.33m ✓ CE i 7.4.2

Cat No. Description

74102	LD90 24 x 2.5kW, Single-Pole MCB
74104	LD90 24 x 2.5kW, Single-Pole MCB (NDT)
74105	LD90 24 x 2.5kW, SPN MCB

LD90 12 x 5kW

A standard rack configuration comprising three power blocks, each with four 5kW dimmers, and a choice of either single or double-pole MCBs. Accessories include RCD kit (one required per power block), additional DMX signal input, larger cable termination, and single phase operation. Custom racks may be created from the system building blocks listed elsewhere.

V 230V/240V phase/neutral star supply, 50/60Hz A 100A (three phase) or 300A (single phase) W 12 x 5kW H 12 C 99 I DMX 512, D54, SMX, SWC, DNC, analogue 0 - 10V (+/-) J 1050 x 995 x 150mm K 76kg L 1050 x 150mm M 135kg N 0.33m ✓ CE i 7.4.2

Cat No. Description

74103	LD90 12 x 5kW, Single-Pole MCB
74106	LD90 12 x 5kW, Double-Pole MCB