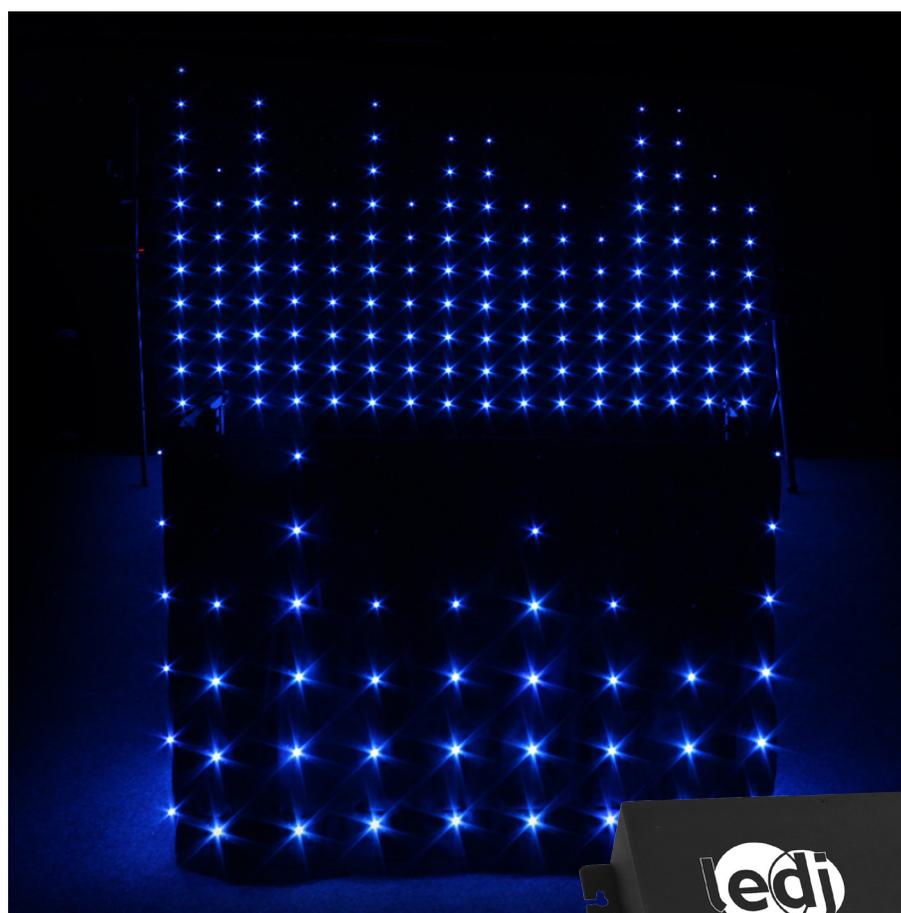




www.prolight.co.uk



LEDJ Pro Syncro Drape System

Order code: STAR30

USER MANUAL



WARNING

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

	<p>CAUTION!</p> <p>Keep this equipment away from rain, moisture and liquids.</p>	
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SAFETY INSTRUCTIONS

Every person involved with the installation, operation & maintenance of this equipment should:

- Be competent
- Follow the instructions of this manual

	<p>CAUTION! TAKE CARE USING THIS EQUIPMENT! HIGH VOLTAGE-RISK OF ELECTRIC SHOCK!!</p>	
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Before your initial start-up, please make sure that there is no damage caused during transportation. Should there be any, consult your dealer and do not use the equipment.

To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.

Please note that damages caused by user modifications and damage to the wiring loom inside the cloth are not subject to warranty.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

- Never let the power-cable come into contact with other cables. Handle the power-cable and all mains voltage connections with particular caution!
- Never remove warning or informative labels from the equipment.
- Do not open the equipment and do not modify the equipment.
- Do not connect this equipment to a dimmer-pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available voltage is between 220v/240v.
- Make sure that the power-cable is never crimped or damaged. Check the equipment and the power-cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately. Have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If your product fails to function correctly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Prolight dealer for service.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician. **THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.**
- **WARRANTY; One year from date of purchase.**

OPERATING DETERMINATIONS

If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void.

Incorrect operation may lead to danger e.g.: short-circuit, burns, electric shocks, lamp failure etc.

Do not endanger your own safety and the safety of others!
Incorrect installation or use can cause serious damage to people and property!

You should find inside the carton the following items:

- 1, Syncro Drape System 2, Instruction manual 3, Controller

Technical Specifications:

Controller:

DMX channels: 8
 DMX, sound active, auto modes
 30 built-in programmes
 4 push button menu with LCD display
 3-pin XLR in/out sockets
 5-pin XLR out sockets
 IEC power in socket
 Power on/off switch
 Power consumption: 150W Max
 Power supply: 100-240V/60/50Hz
 Dimensions: 290 x 185 x 56mm
 Weight: 1.8Kgs

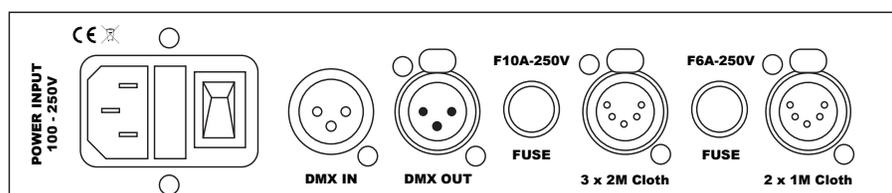
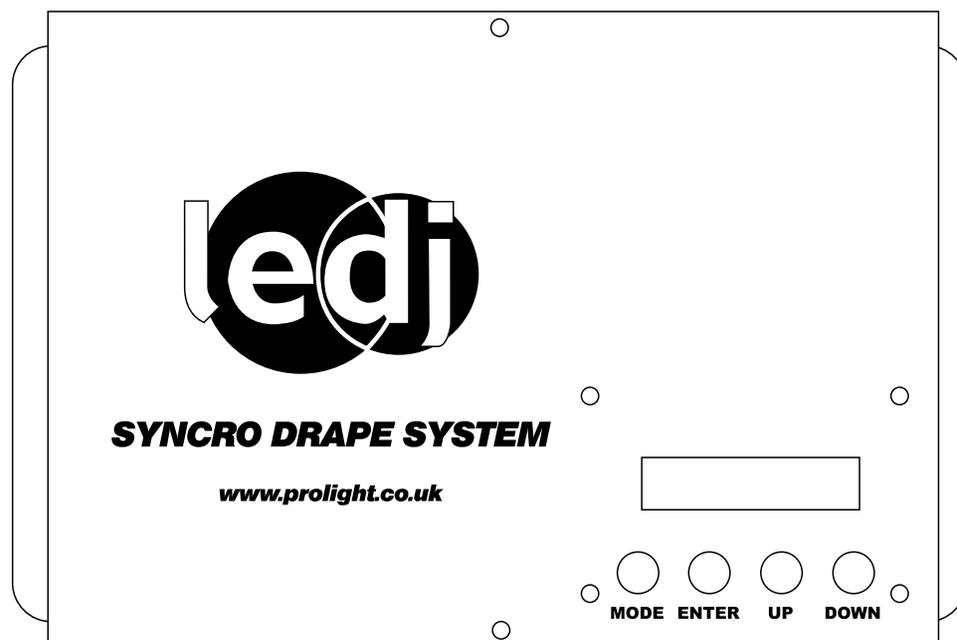
3 x 2M Curtain:

176 x 5mm tri-colour LEDs
 Heavy duty fire retardant wool serge
 Metal eyelets on all 4 sides
 Dimensions: 3 x 2M (3000 x 2000mm)
 Weight 4.4Kgs

2.2 x 1M Table Cloth:

78 x 5mm tri-colour LEDs
 Heavy duty fire retardant wool serge
 Dimensions: 2.2 x 1M (2200 x 1000mm)
 Weight 1.9Kgs

Overview:



Operations:

Sound Active mode

To set the Pro Syncro Drape System into Sound Active mode, press the **“MODE”** button to show **“SOUND”** on the LCD display. Now press the **“ENTER”** button and use the **“UP”** or **“DOWN”** buttons to select YES or NO. Once you have made your choice press the **“ENTER”** button to conform your setting.

Auto Run Mode

To set the Pro Syncro Drape System into Auto run mode, press the **“MODE”** button to show **“AUTOMATIC”** on the LCD display. Now press the **“ENTER”** button and use the **“UP”** or **“DOWN”** buttons to select YES or NO. Once you have made your choice press the **“ENTER”** button to conform your setting.

To change the speed of the auto run mode, press the **“MODE”** button to show **“SPEED”** on the LCD display. Now press the **“ENTER”** button and use the **“UP”** or **“DOWN”** buttons to set the speed from 1-9 (1=Slow, 9=Fast). Once you have made your choice press the **“ENTER”** button to conform your setting.

DMX Mode

To set the Pro Syncro Drape System into DMX mode, press the **“MODE”** button to show **“DMX512”** on the LCD display. Now press the **“ENTER”** button and use the **“UP”** or **“DOWN”** buttons to select YES or NO. Now press the **“ENTER”** button and use the **“UP”** or **“DOWN”** buttons to set the DMX address from 001-512. Once you have made your choice press the **“ENTER”** button to conform your setting.

Built-in Programmes

To access the Pro Syncro Drape System’s built-in programmes, press the **“MODE”** button to show **“PROGRAM”** on the LCD display. Now press the **“ENTER”** button and use the **“UP”** or **“DOWN”** buttons to scroll through the built-in programmes. Now you can choose any of the particular programmes you wish to have turned on or off in any of the above modes. To do this scroll to the desired programme and press the **“ENTER”** button and use the **“UP”** or **“DOWN”** buttons to select YES or NO on the selected programme.

For example if you set programmes 1-20 to OFF, then only the programmes 21-30 will play in your light show.

Once you have made your choice press the **“ENTER”** button to conform your setting.

Version Mode

To access the Pro Syncro Drape System Version mode, press the **“MODE”** button to show **“VERSION”** on the LCD display. Now press the **“ENTER”** button and use the **“UP”** or **“DOWN”** buttons to show the current version **“100902 LED252”**.

8 channel DMX chart

Channel	DMX Address	Function
CH.1	0-255	Master dimmer 0-100%
CH.2	0-5	No function
	6-255	Strobe (slow to fast)
CH.3	0-255	Red 0-100% dimming
CH.4	0-255	Green 0-100% dimming
CH.5	0-255	Blue 0-100% dimming
CH.6	0-16	Programme 1
	17-33	Programme 2
	34-50	Programme 3
	51-67	Programme 4
	68-84	Programme 5
	85--101	Programme 6
	102-118	Programme 7
	119-135	Programme 8
	136--152	Programme 9
	153-169	Programme 10
	170-186	Programme 11
	187-203	Programme 12
	204-220	Programme 13
	221-237	Programme 14
	238-255	Programme 15
CH.7	0-16	Programme 16
	17-33	Programme 17
	34-50	Programme 18
	51-67	Programme 19
	68-84	Programme 20
	85--101	Programme 21
	102-118	Programme 22
	119-135	Programme 23
	136--152	Programme 24
	153-169	Programme 25
	170-186	Programme 26
	187-203	Programme 27
	204-220	Programme 28
	221-237	Programme 29
	238-255	Programme 30
CH.8	0-255	Speed (slow to fast)

DMX Control Mode

Operating in a DMX control mode environment gives the user the greatest flexibility when it comes to customising or creating a show. In this mode you will be able to control each individual trait of the fixture and each fixture independently.

Setting the DMX address

The DMX mode enables the use of a universal DMX controller. Each fixture requires a "start address" from 1- 511. A fixture requiring one or more channels for control begins to read the data on the channel indicated by the start address. For example, a fixture that occupies or uses 7 channels of DMX and was addressed to start on DMX channel 100, would read data from channels: 100,101,102,103,104,105 and 106. Choose a start address so that the channels used do not overlap. E.g. the next unit in the chain starts at 107.

DMX-512:

- DMX (Digital Multiplex) is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a data "out" terminal).

DMX Linking:

- DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned to a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

DATA Cable (DMX cable) requirements (for DMX operation):

- The LEDJ Syncro Drape System can be controlled via DMX-512 protocol. The DMX address is set on the back of the unit. Your unit and your DMX controller require a standard 3-pin or 5-pin XLR connector for data input/output (figure 1).

Figure 1



Further DMX cables can be purchased from all good sound and lighting suppliers or Prolight dealers.

Please quote:

CABL10 – 2M

CABL11 – 5M

CABL12 – 10M

Also remember that DMX cable must be daisy chained and cannot be split.

Notice:

- Be sure to follow figures 2 & 3 when making your own cables. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behaviour.

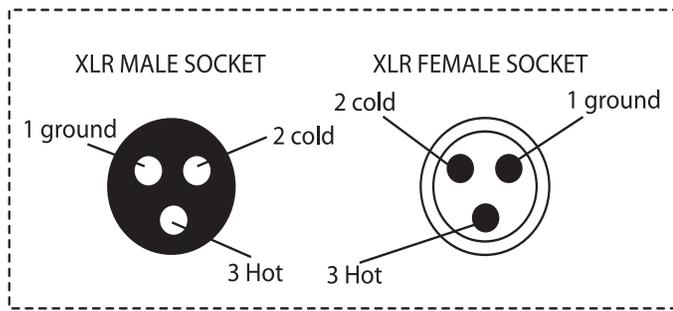
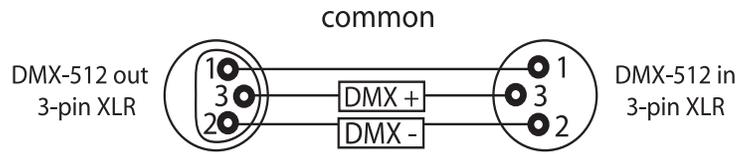


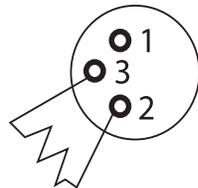
FIGURE 3

XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Negative
Pin 3 = Postive

FIGURE 2

Special Note: Line termination:

- When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behaviour.



Termination reduces signal transmission problems and interference. it is always advisable to connect a DMX terminal, (resistance 120 Ohm 1/4 W) between pin 2 (DMX-) and pin 3 (DMX+) of the last fixture.

Using a cable terminator (part number CABL90) will decrease the possibilities of erratic behaviour.

5-Pin XLR DMX Connectors:

- Some manufactures use 5-pin XLR connectors for data transmission in place of 3-pin. 5-Pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used. The Chart below details the correct cable conversion.

