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1- SYMBOLS

Graphic symbols used on this manual:



THIS SYMBOL INDICATES A HOT SURFACE



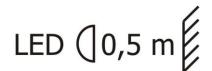
THIS SYMBOL INDICATES ELECTRIC SHOCK RISK



THIS SYMBOL INDICATES GENERAL RISK



THIS SYMBOL MEANS YOU CAN PLACE THE UNIT ON NORMALLY FLAMMABLE SURFACES



THIS SYMBOL INDICATES THE MINIMUM DISTANCE BETWEEN THE UNIT AND THE ILLUMINATED OBJECT



THIS SYMBOL INDICATES THE EUROPEAN COMMUNITY DIRECTIVE 2002/96/EC ON WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)

2- GENERAL WARNING

Read the instruction contained in this user manual carefully, as they give important information regarding safety during installation, use and maintenance.

The unit is not for residential use and must be installed by a qualified electrician or experienced person. Do not open the unit. The level of technology inherent in the unit requires the assistance of specialised personnel for all servicing. Please refer to an authorised D.T.S. service centre. In case lenses sets replacement is needed, frontal gasket must be replaced so as to maintain IP 65 rate protection.

LEDs are not replaceable. The device must always be equipped with an efficient ground connection.

3- GENERAL WARRANTY CONDITIONS

The unit is guaranteed for 36 months from the date of purchase against manufacturing material defects.

4- TECHNICAL FEATURES

FOS 100 POWER SOLO FC

LED Technology

24 x FULL RGBW LEDs; 7.028 Lux / 3 m;

16 million colours; linear colour temperature 2700K – 6500K LEDs average lifespan: 75.000 hours (70% lumen output)

Optical group

3 lenses sets available (Spot, Medium flood, Wide flood)

Control

Via any DMX lighting console

Protection level

IP20 or IP65

Construction

FOS units are made on extruded aluminium

Connections

FOS 100 POWER SOLO IP20: POWERCON In/Out + XLR 5 poles In/Out FOS 100 POWER SOLO IP65: Power input cable with cable gland; HARTING power re-

send panel connector; XLR 5 poles In/Out (IP20)

Power supply

Integrated Z10 POWER IP20 or IP65 PSU (FOS 100 POWER SOLO) Electronic full range 90-260Vac 50-60 Hz

Power consumption

200W

4- TECHNICAL FEATURES

FOS 100 POWER FC

LED Technology

24 x FULL RGBW LEDs; 7.028 Lux / 3 m;

16 million colours; linear colour temperature 2700K – 6500K LEDs average lifespan: 75.000 hours (70% lumen output)

Optical group

3 lenses sets available (Spot, Medium flood, Wide flood)

Control

Via any DMX lighting console (External power supply / LED Controller required)

Protection level

IP65

Construction

FOS units are made on extruded aluminium

Connections

M16 male connector + 30 cm cable connection system between Power supply and LED bar

Power supply

External dedicated Z40 power supply / LED controller Electronic full range 90-260Vac 50-60 Hz

Max current

1600mA

Power consumption

200W

6- ACCESSORIES

As standard (IP20)

1 x User's Manual

1 x POWERCON IN male cable connector (FOS 100 POWER SOLO)

(D.T.S. Code: 0520P014)

1 x POWERCON OUT male cable connector (FOS 100 POWER SOLO)

(D.T.S. Code: 0520P029)

1 x XLR 5 poles male cable connector (D.T.S. Code: 0508B028)

1 x XLR 5 poles female cable connector (D.T.S. Code: 0508B027)

1 x Joint/spacer (D.T.S. Code: 00M09519.46 black finish; 00M09519.44 grey finish) with

2 x knobs (D.T.S. Code: 0511P014)

As standard (IP65)

1 x User's Manual

1 x HARTING 5 poles male cable connector (D.T.S. Code: 02LD0093.1)

1 x Joint/spacer (D.T.S. Code: 00M09519.46 black finish: 00M09519.44 grey finish) with

2 x knobs (D.T.S. Code: 0511P014)

Optional (on request)

Lenses set Spot (FOS 100 POWER FULLCOLOUR) (D.T.S. Code 03.LK.107)
Lenses set Medium flood (FOS 100 POWER FULLCOLOUR) (D.T.S. Code 03.LK.108)
Lenses set Wide flood (FOS 100 POWER FULLCOLOUR) (D.T.S. Code 03.LK.109)

Lenses set Medium flood (FOS 100 POWER RGBW) (D.T.S. Code 03.LK.114) Lenses set Wide flood (FOS 100 POWER RGBW) (D.T.S. Code 03.LK.115)

G60 "C" Clamp (Max. load 50 Kg) *Black (D.T.S. Code 0521A004) G50 "C" Clamp (Max. load 10 Kg) *Black (D.T.S. Code 0521A012)

M16 female (9 poles) cable connector (D.T.S. Code 0508B106) M16 male (9 poles) cable connector (D.T.S. Code 0508B105)

Z40 Power supply / LED controller (FOS 100 POWER) (D.T.S. Code 03.LA.120)

DIMENSIONS

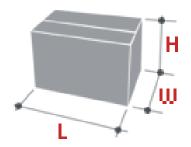
FOS 100 POWER SOLO

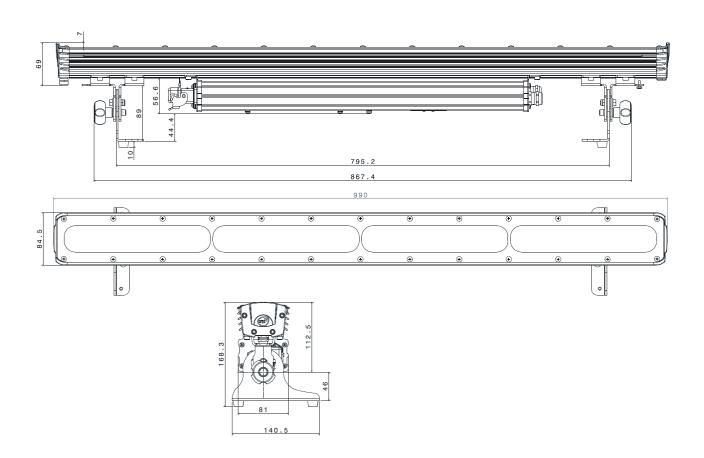
Unit Dimensions (LxWxH) 990 x 81 x 168,3 mm

Weight 7 Kg

Packing Dimensions (LxWxH) 1060 x 160 x 200 mm

Weight 8,5 Kg



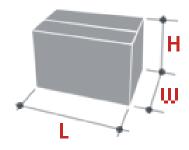


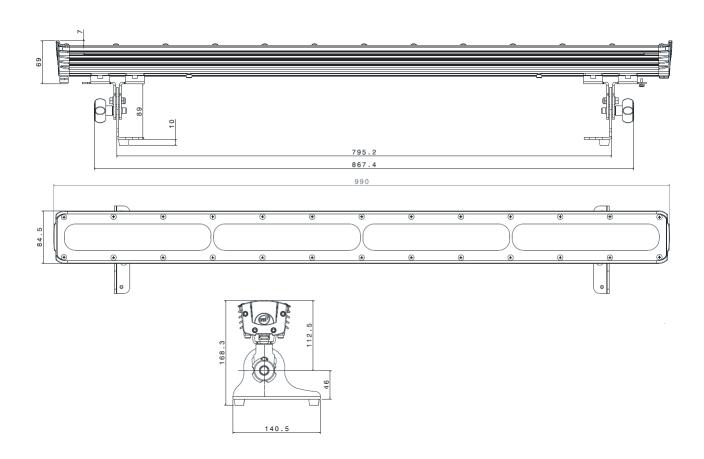
FOS 100 POWER

Unit Dimensions (LxWxH) 990 x 56 x 84,5 mm

Weight 5,5 Kg Packing Dimensions (LxWxH) 1060 x 160 x 200 mm

Weight 7 Kg





7- IMPORTANT SAFETY INFORMATION

7.1 Fire prevention:

It is permissible to place the unit on normally flammable surfaces.

Suitable for mounting on normally flammable materials surfaces greater than 200°C with some combustion time lag.

Minimum distance from the closest illuminable surface: 0,5 m. LED (]0,5 m

7.2 Prevention from electric shock:



High voltage is present inside the unit.

Unplug the unit prior to performing any operation which involves touching the inside of the unit.

This equipment must be grounded, do not connect to non-grounded supplies.

The use of a thermal magnetic circuit breaker is recommended for each FOS 100 POWER SOLO unit.

Use only AC supplies 90-260V 50-60 Hz.

FOS 100 POWER SOLO IP20 should never be located in position exposed to rain or in areas of extreme humidity.

A good air ventilation is essential for proper equipment work.

7.3 Safety:



The external surface of the unit may exeed 50°C;



never handle the unit until at least 5 minutes have elapsed since the unit was turned off. Never install the unit in an enclosed area lacking sufficient air flow.

The ambient temperature should not exeed 40°C and should not be lower than -10°C.

7.4 Level of protection against the penetration of solid and liquid objects:



The unit is classified as an outdoor appliance and its protection level against the penetration of solid and liquid objects is IP 65 (FOS 100 POWER).

7.5 Waste Electrical and Electronic Equipment (WEEE) directive:



The LED bar, accessories and packaging should be sorted for environmental-friendly recycling.

For EC countries: according to the European Directive 2002/96/EC for Waste Electrical and Electronic Equipment and its implementation into national right, luminaires that are no longer usable must be collected separately and disposed of in an environmentally correct manner.

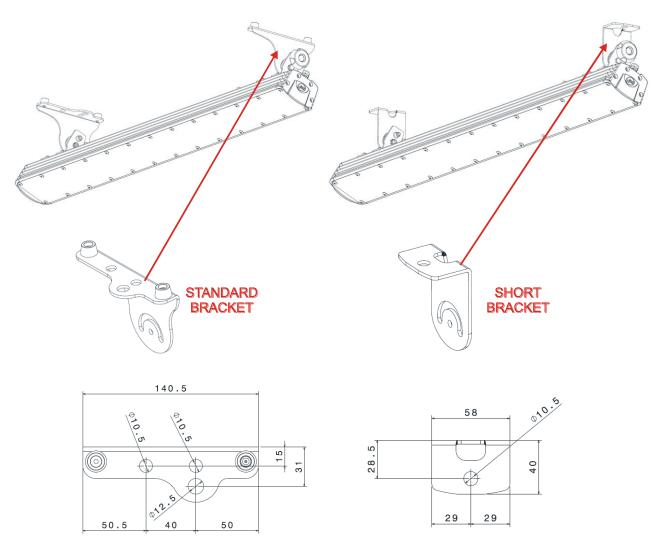
8-INSTALLATION

The unit is suitable for use in wet locations. The unit may be either floor or ceiling mounted.

FLOOR MOUNTING INSTALLATION:

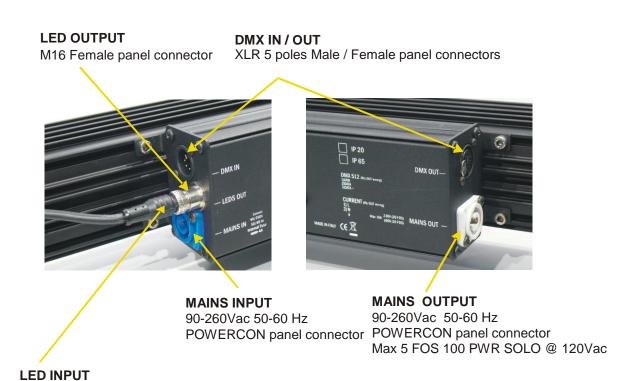


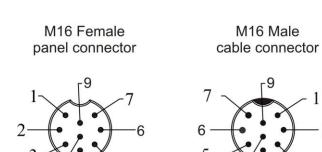
CEILING MOUNTING INSTALLATION:



9- INPUT / OUTPUT CONNECTIONS

FOS 100 POWER SOLO IP20



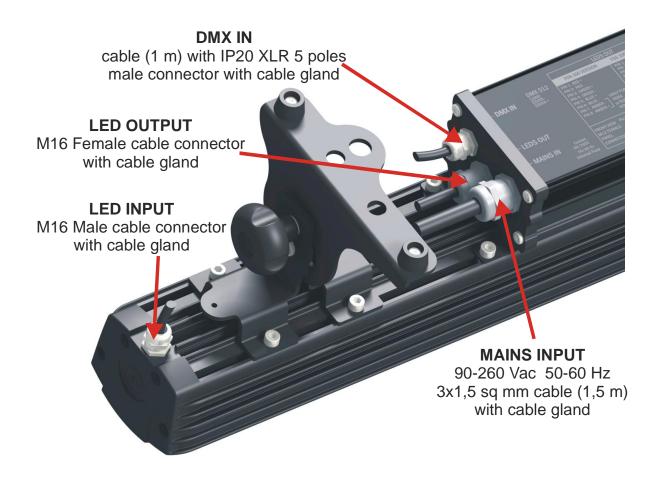


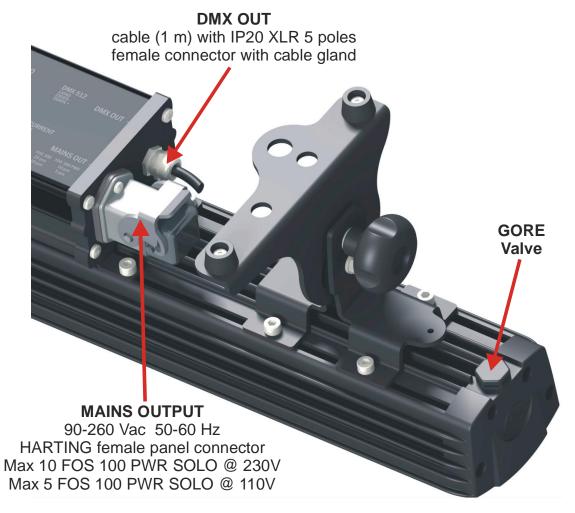
M16 Male cable connector

Front View Front View

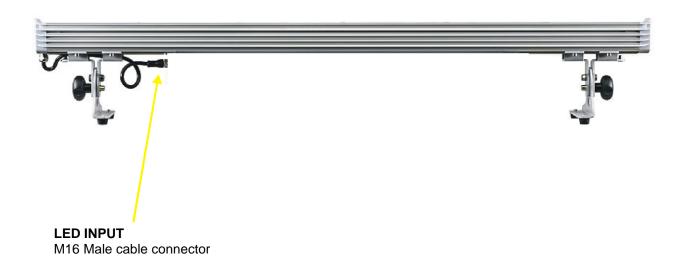
LED	LED OUTPUTS							
WIRES SEQUENCE COLOURS	PIN OUT							
PIN 1 - BLUE PIN 2 - GREEN PIN 3 - YELLOW PIN 4 - ORANGE PIN 5 - RED PIN 6 - BROWN PIN 7 - BLACK PIN 8 - GREY PIN 9 - WHITE	PIN 1: RED + PIN 2: GREEN + PIN 3: BLUE + PIN 4: WHITE + PIN 5: COMMON RED - PIN 6: GREEN - BLUE - WHITE - PIN 8: NTC (THERMAL) PIN 9: NTC (SENSOR)							

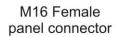
FOS 100 POWER SOLO IP65

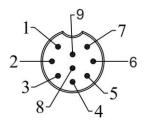




FOS 100 POWER (IP65)

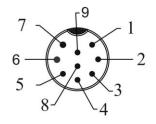






Front View

M16 Male cable connector



Front View

LED OUTPUTS

WIRES SEQUENCE COLOURS	PIN OUT
PIN 1 - BLUE PIN 2 - GREEN PIN 3 - YELLOW PIN 4 - ORANGE PIN 5 - RED PIN 6 - BROWN PIN 7 - BLACK PIN 8 - GREY PIN 9 - WHITE	PIN 1: RED + PIN 2: GREEN + PIN 3: BLUE + PIN 4: WHITE + COMMON RED - PIN 6: GREEN - BLUE - WHITE - PIN 8: NTC (THERMAL) PIN 9: NTC (SENSOR)

10- DMX SIGNAL CONNECTION (FOS 100 POWER SOLO):

The unit operates using a digital DMX 512 signal.

Connection between the controller and the unit or between units must be carried out using a two pair screened Ø 0.5 mm.

Ensure that the conductors do not touch each other.

Do not connect the cable ground to the DMX connector chassis.

The plug housing must be isolated. Connect the mixer signal to the DMX IN projector plug and connect it to the next projector by connecting the DMX OUT plug on the first unit to the DMX IN plug of the second one.

In this way, all the projectors are cascade connected.



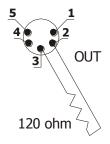
If the display showing the DMX address flashes, then one of the following errors has occurred:

- DMX signal not present
- DMX reception problem

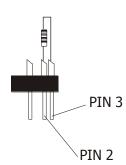
For Installations where long distance DMX cable connections are needed, we suggest to use a DMX terminator.

The DMX terminator is a male XLR 3-5 pins connector with a 120 ohm resistor Between pin 2 and 3.

The DMX terminator must be plugged into the last unit (DMX out panel connector) of the DMX line.



PLACE A 120 OHM RESISTOR BETWEEN PIN 2 AND 3 OF A MALE XRL CONNECTOR AND PLUG IT INTO THE DMX OUT PANEL CONNECTOR OF THE LAST UNIT CONNECTED TO THE DMX LINE



10.1 DMX addresses

FOS 100 POWER SOLO (all models) can be used in seven different modes: 10 DMX channels mode (default), 6 DMX channels mode (Shutter + Dimmer + RGBW), WALL mode (6 DMX channels; for use with DTS Wall mounted DMX controller 0514L007), M4CH mode (5 DMX channels; Dimmer + RGBW), RGBW mode (4 channels), 1 DMX channel mode or CUSTOM DMX mode (not yet implemented).

If you want to use the FOS 100 POWER SOLO in 10 channels mode, select the 10 CH mode from the MODE menu and set the following addresses on the mixer:

Projector 1 A001
Projector 2 A011 If you want to select the next projector, just add "10"
Projector 3 A021
..... A....
projector 6 A051

If you want to use the FOS 100 POWER SOLO in "WALL" mode, select the "WALL" mode from the MODE menu and set the following addresses on the mixer: (To be used only with DTS Wall mounted DMX controller 0514L007)

Projector 1 A001
Projector 2 A009
Projector 3 A017
..... A....
projector 6 A041

If you want to select the next projector, just add "8".
DTS Wall mounted DMX controller 0514L007 assign 8 DMX channels per unit even if some channels are not used

10.2 Selecting the DMX address

- 1) Press the UP-DOWN key until you reach the required DMX address. The numbers on the display will start to flash (but the new DMX address hasn't yet been set).
- 2) Press ENTER to confirm your selection. The numbers on the display will stop flashing and the projector is now controlled by the new DMX address.

TIPS: if you keep pushed the UP or DOWN keys, the channels are calculated more quickly and you get a faster selection.

11- FIRMWARE UPDATING

Warning:

This procedure require a base knowledge of Windows computer applications. Please refer to an authorised D.T.S. service centre.



To update the software version of the FOS 100 POWER SOLO you need:

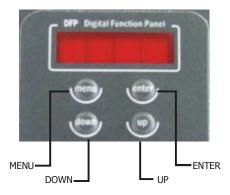
- D.T.S. RED BOX interface (D.T.S. Code: 03.LA.008).
- USB-DMX Driver for the D.T.S. RED BOX interface.
- "D.T.S. Firmware upgrade utility" program.
- Latest software release available for FOS 100 POWER SOLO unit.

Updating the software version.

Please follow the procedure below to perform the update:

- 1. Install the D.T.S. RED BOX USB-DMX driver on the PC you will use to update the unit software.
- 2. Connect the D.T.S. RED BOX interface to the PC by using a USB cable.
- 3. Connect the D.T.S. RED BOX interface to the fixture by using a DMX cable.
- 4. Download the new software version into the unit by using "D.T.S. Firmware upgrade utility" program.

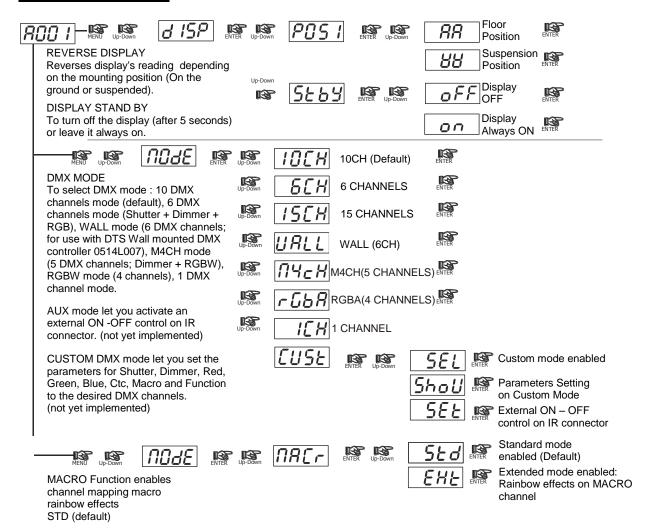
12- DISPLAY FUNCTIONS

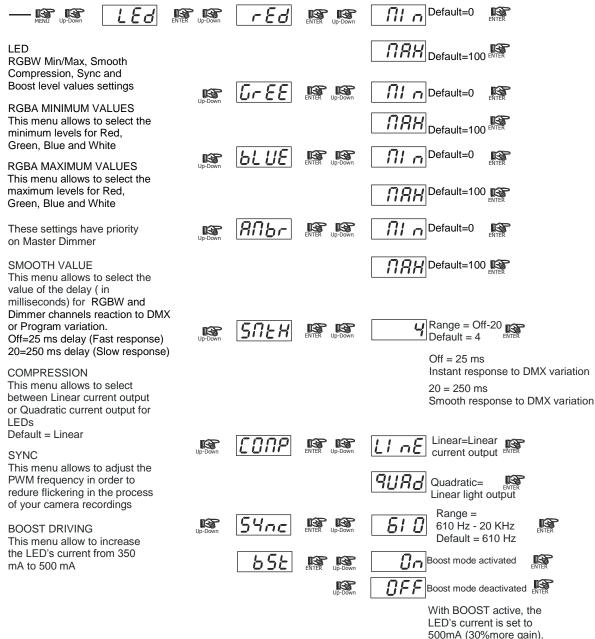


The FOS 100 POWER SOLO display panel shows all the available functions. Using these functions, it is possible to change some of the parameters and add some functions. Changing the D.T.S. setting can vary the functions of the unit so that it does not respond to the DMX 512 signal used to control it. Carefully follow the instructions below before carrying out any variations or selections.

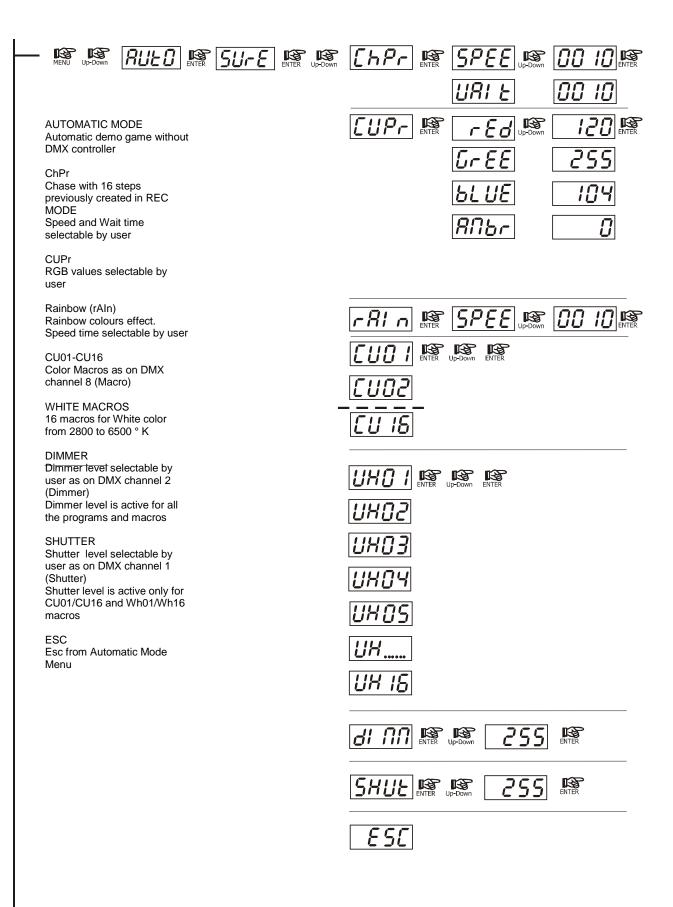
NOTE: the symbol shows which key has to be pushed to obtain the desired function.

Software version 5.16

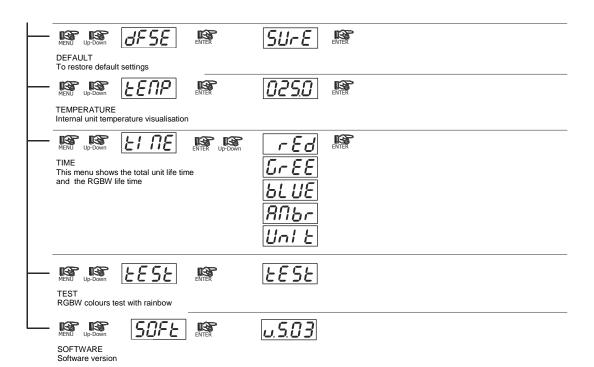




500mA (30%more gain). Default = Activated



- IN IN UPDOWN - EC INTER TOCK INTER FOOT	
REC MODE 700 I	
In DMX Recorder Mode, it is possible to create]
and store the scenes of the ChPr by using an	
external DMX controller.]]
The unit must be setted to 10 channels MODE	
00.10]
DMX Recorder Mode	•
For the programming of ChPr by using a DMX controller, besides the 10 a further 3 DMX channels are needed.	channels necessary to control the unit
So that in RECORDER mode (via DMX) the unit will need 13 channels to	n be correctly programmed
The three new DMX channels are:	o bo correctly programmed.
- DMX channel 11 = SCENES channel	
From $0-10 = \text{no function (r001)}$	
From 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed the programmable scenes from 11-255 are displayed the programmable scenes (max 16 scenes from 11-255 are displayed to 1	om M001 to M0016)
- DMX channel 12 = EDIT channel:	
From 0-19 = no function	MAX values
From 20-234 the unit runs the configuration given by the received input D With the channel SCENES it is possible to pass from one step to the nex	t while with REC it is possible to
record the selected scene.	t write with NEO it is possible to
From 235-255 the unit runs the configuration given by the received input	DMX values closing the sequence as
last scene.	3
With the channel REC it is possible to record the selected scene as last	scene.
- DMX channel 13 = RECORDING channel	
Records the set scene with a variation between 0 to 255 (the display fla	
been recorded).It is advised that you keep the REC channel set to 0 and	
have decided to save the scene. If ChPr is not closed, by indicating the la 255), in playback mode all 16 scenes will be played through even if not p	
255), in playback mode all 16 scenes will be played through even in hot p	
- IN UPDOWN SLAU INTER SUI-E INTER UPDOWN 511	NITER
	1
SLAVE MODE £5[
Slave mode for ChPr program.	1
All slave units will be synchronised with master unit, running their own Chpr program.	
running their own Cript program.	
MENU Up-Down / r BYTER Up-Down IIIR	
MENU Up-Down EVIER Up-Down EVIER	
INFRARED MODE	NOTE:
Infrared remote control.	External infrared remote
By activating Ir MODE, it will be possible to navigate	sensor needed. D.T.S. Code :03.LA.016
through the unit functions by using the D.T.S. infrared	D.1.3. Code .03.LA.010
remote control.	
D.T.S. Code :0514L008	
— BB E8 BB BB 1211 B	
MENÚ Up-Down ENTER Up-Down ENTER	
FAN SPEED CONTROL Internal Fan Speed control selectable by	
user.	
Range: OFF - 24 volt Default : 24 volt	
- PR PR ENER UPDOWN 5EL PR PR	
EMERGENCY ENTER Up-Down JCL PATER Up-Down	
Emergency operating mode.	
By setting Emergency mode, it will be possible to select	Default = OFF
one of the 16 preprogrammed WHITE cues that	.
will then ran if DMX signal is missing or	Default = White 1
Not available.	Defends off
Useful for Emergency EXIT illumination on public areas.	Default = 255



AUTOMATIC OPERATION (AUTO):

FOS 100 POWER SOLO can work in automatic mode without a DMX controller. First of all connect the projectors with a DMX cable (picture below). A maximum quantity of 32 slave units can be connected to the same Master unit.



To activate Auto mode on the first unit, use the menu to run through the different modes until AUTO appears on the display, and press enter.

Now it is possible to choose between the different pre-programmed games (CUPr-RAIn-CU01/CU16-Wh01/Wh16) or ChPr which is user programmable through REC mode. To confirm game activation press ENTER on the selected GAME.

CUPr-RAIn-CU01/CU16-Wh01/Wh16

The first unit that will work as a Master should be placed in Automatic mode (AUTO), the other units have to be placed 10 channels DMX mode (MODE 10 CH) and the DMX address should be set at A001. For RaIn (rainbow) game it is possible to select the speed for the colour changling (SPEE).

DIMMER function (in AUTOMATIC MODE) is active for all the programs. SHUTTER function (in AUTOMATIC MODE) is active only for CU01/CU16 and Wh01/Wh16 macros.

ChPr MASTER/SLAVE

The first unit that will function as a Master must be set to Automatic mode (AUTO), the other units must be set to Slave mode (SLAV), selectable through the menu. In this way all the Slave units will be synchronised with the master and running their own ChPr game.

On the master unit it is possible to vary the Speed time (SPEE) for the colour changling and the Wait time (UAIt) between the steps.

Speed time and Wait time on the Master, have priority on the slave units.

NB: It is possible to run GA.Pr on the other units even though these do not have GA.Pr programmed. You can do this by setting the units to 10 channels DMX mode and selecting DMX address A001.

REC MODE

It is possible to program your own game on the FOS 100 POWER SOLO that will then run it in AUTO mode (ChPr).

Each unit can have its own programmed game.

In REC mode the unit must be set to 10 channels mode.

To program the ChPr by using a DMX controller, you need 3 more channels in addition to the 10 channels necessary to control the unit.

So that in RECORDER mode (via DMX) the unit will need 13 DMX channels to be correctly programmed.

The three new DMX channels are:

DMX channel 11 = **SCENES** channel:

- From 0-24 = no function
- From 25-255 the programmable scenes are displayed (max 16 scenes from M001 to M0016)

DMX channel 12 = **EDIT** channel:

- From 0-19 = no function
- From 20-234 the unit runs the configuration given by the received input DMX values. With the channel SCENES it is possible to pass from one step to the next while with REC it is possible to record the selected scene.
- -From 235-255 the unit runs the configuration given by the received input DMX values, closing the sequence as last scene.

With the channel REC it is possible to record the selected scene as last scene.

DMX channel 13 = RECORDING channel

Records the set scene with a variation between 0 to 255 (the display flashes indicating that the scene has been recorded). It is advised that you keep the REC channel set to 0 and to run through the 255 only once you have decided to save the scene. If ChPr is not closed, by indicating the last scene (Edit channel between 235-255), in playback mode all 16 scenes will be played through, even if not programmed

13- DMX PROTOCOL

10 CHANNELS MODE

- SHUTTER DIMMER
- **RED**
- **GREEN**
- BLUE WHITE
- WHITE (Pre-programmed whites at different colour temperatures)
- 1 2 3 4 5 6 7 8 9 CTC COLOURS MACRO FUNCTIONS
- 10

DMX CHANNEI	L 1	Parameter: SHU	TTER / STRC	BE	
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-009					Black-out
010-019					Open
020-029					Black-out
030-119					Strobe (from 3.27 s to 30 ms)
120-149					Pulse up (from 42.6 s to 120 ms)
150-179					Pulse down (from 42.6 s to 120 ms)
					Random strobe
180-204					(Dimmer channel active)
205-229					Full independent Random Strobe (Dimmer channel disabled)
230-234					Red, Yellow, Cyan and Blue colour
					effects at variable speed
235-255					Open

DMX CHANNEL	2 Pa	arameter: DIMMER			
DMX range Value	Mid Point D value	Move Range (degrees)	Mode	Option	Function
000-007					Black-out
008-255					Proportional dimmer

DMX CHANNEL	3 Paran	neter: RED			
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-255					Proportional colour

DMX CHAI	INEL	4	Parame	eter: GREEN			
DMX ra Valu	_	Mid Point value		Move Range (degrees)	Mode	Option	Function
000-2	55						Proportional colour

DMX CHANNEL	5	Parame	eter: BLUE			
DMX range Value	Mid Poin valu		Move Range (degrees)	Mode	Option	Function
000-255						Proportional colour

DMX CHANNEL	6	Parame	Parameter: WHITE			
DMX range Value	Mid Poin valu		Move Range (degrees)	Mode	Option	Function
000-255						Proportional colour

DMX CHANNEL	7 Parame	eter: WHITE PREPRO	OGRAMMED (Wh	ite at diff. colour	temperature)
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-055	23				No Function
					Full (Red-Green-
056-105	80				Blue at Full)
106-155	130				White DTS
156-205	180				Custom White Create (RGB levels selectable by DMX)
206-255	230				White CTC (Channel 15 CTC enabled)

DMX CHANNEL	8 Para	meter: CTC (Colour Te	mperature Corre	ction)	
DMX range Value	Mid Point DM2 value	(Move Range (degrees)	Mode	Option	Function
000-255					Linear control temperature correction. 0 = 2000°K / 255 = 7200°K

DMX CHANNEL	9 Paran	neter: COLOURS MAC	CRO STD		
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-014				No F	unction
015-029				Ma	cro 1
030-044				Ma	cro 2
045-059				Ma	cro 3
060-074				Ma	cro 4
075-089				Macro 5	
090-104				Ma	cro 6
105-119				Ma	cro 7
120-134				Ma	cro 8
135-149				Ma	cro 9
150-164				Mad	cro 10
165-179				Mad	cro 11
180-194				Mad	cro 12
195-209				Mad	cro 13
210-225				Mad	cro 14
226-239				Mad	cro 15
240-255				Mad	cro 16

DMX CHANNEL 9 Parameter: COL	OURS MACRO EXT
000-014	No Function
015-022	Macro 1
023-030	Macro 2
031-038	Macro 3
039-046	Macro 4
047-054	Macro 5
055-062	Macro 6
063-070	Macro 7
071-078	Macro 8
079-086	Macro 9
087-094	Macro 10
095-102	Macro 11
103-110	Macro 12
111-118	Macro 13
119-126	Macro 14
127-134	Macro 15
135-142	Macro 16
143-504	Rainbow Speed 1 (6 Sec.)
151-158	Rainbow Speed 2 (15 Sec.)
159-166	Rainbow Speed 3 (30 Sec.)
167-174	Rainbow Speed 4 (45 Sec.)
175-182	Rainbow Speed 5 (60 Sec.)
283-190	Rainbow Speed 6 (120 Sec.)
191-198	Rainbow Speed 7 (150 Sec.)
199-206	Rainbow Speed 8 (180 Sec.)
207-214	Random Speed 1 (0,5 s)
215-222	Random Speed 2 (1 s)
223-230	Random Speed 3 (2 s)
231-238	Random Speed 4 (5 s)
239-246	Random Speed 5 (10 s)
247-255	Random Speed 6 (30 s)

DMX CHANNEL	10 Parame	ter: FUNCTIONS (Re	ecall, Create and	Store the Custon	n white)
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
	IF CHANNEL 7 WI	HITE PREPROGRAM	MMED = DMX ran	ge value 156 - 20	05)
000-079					Custom White Recall
080-160					Custom White Create (Enable Custom White Creation)
161-255					Custom White Store (Store the Custom White created)

Parameter: SHUTTER / STROBE

6 CHANNELS MODE

1

- **SHUTTER**
- 1 2 3 4 5 6 DIMMER RED
- GREEN BLUE WHITE

DMX CHANNEL

DIVIX CHANNEL	•	raidilletei. Shuffek/Sikube					
DMX range Value	Mid Point DMX value		Range rees)	Mode	Option	Fu	nction
000-009	Tuluc					Bla	ck-out
010-019)pen
020-029							ck-out
030-119							3.27 s to 30 ms)
120-149						Pulse up (from	42.6 s to 120 ms)
150-179			-				m 42.6 s to 120 ms)
180-204						(Dimmer c	om strobe hannel active)
205-229						(Dimmer ch	nt Random Strobe annel disabled)
230-234							an and Blue colour variable speed
235-255)pen
		<u> </u>					
DMX CHANNEL	2		ter: DIMI				
DMX range Value	Mid Poin valu			Range grees)	Mode	Option	Function
000-007					-		Black-out
008-255							Proportional dimmer
DMX CHANNEL	3	Parame	ter: RED	1			
DMX range Value	Mid Poin valu			Range grees)	Mode	Option	Function
000-255							Proportional colour
DMX CHANNEL	4	Parame	ter: GRE	EN			
DMX range Value	Mid Poin valu			Range grees)	Mode	Option	Function
000-255				·			Proportional colour
DMX CHANNEL	5	Parame	ter: BLU	E			
DMX range Value	Mid Poin valu			Range grees)	Mode	Option	Function
000-255							Proportional colour
DMX CHANNEL	6	Parame	ter: WHI	TE			
DMX range Value	Mid Poin valu			Range grees)	Mode	Option	Function
000-255				- '			Proportional colour

WALL MODE

- GREEN RED BLUE

- 1 2 3 4 5 6 DIMMER NOT USED SHUTTER

DMV rongo	Mid Point DMX	Meye Benge	Mode	Ontion	Function
DMX range Value	value	Move Range (degrees)	Wode	Option	Function
000-255					Proportional colour
MX CHANNEL	2 Param	eter: RED			
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-255					Proportional colour
DMX CHANNEL	3 Param	eter: BLUE			
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-255					Proportional colour
OMX CHANNEL	4 Param	eter: DIMMER			
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-255					Proportional dimmer
DMX CHANNEL	5 Param	eter: NOT USED			
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-255		(Unused

DMX CHANNEL	_ 6	Parameter: SHU	TTER / STRC	BE	
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-009	74.40				Black-out
010-019					Open
020-029					Black-out
030-119					Strobe (from 3.27 s to 30 ms)
120-149					Pulse up (from 42.6 s to 120 ms)
150-179					Pulse down (from 42.6 s to 120 ms)
180-204					Random strobe (Dimmer channel active)
205-229					Full independent Random Strobe (Dimmer channel disabled)
230-234					Red, Yellow, Cyan and Blue colour effects at variable speed
235-255					Open

5 CHANNELS MODE (M4CH)

- DIMMER RED GREEN BLUE WHITE
- 1 2 3 4 5

DMX CHANNEL	1 Parame	eter: DIMMER			
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-255					Proportional dimmer

D	MX CHANNEL	2	Parame	eter: RED			
	DMX range Value	Mid Point value		Move Range (degrees)	Mode	Option	Function
	000-255						Proportional colour

C	MX CHANNEL	3	Parame	eter: GREEN			
	DMX range Value	Mid Poin valu		Move Range (degrees)	Option	Function	
	000-255						Proportional colour

DMX CHANNEL	4	Parame	ter: BLUE			
DMX range Value	Mid Poin valu		Move Range (degrees)	Mode	Option	Function
000-255						Proportional colour

DMX CHANNEL	5 Parame	eter: WHITE			
DMX range Value	Mid Point DMX value	Move Range (degrees)	Mode	Option	Function
000-255					Proportional colour

4 CHANNELS MODE (RGBW)

- RED GREEN BLUE WHITE
- 1 2 3 4

С	MX CHANNEL	1	Parame	eter: RED			
	DMX range Value	Mid Point valu		Move Range (degrees)	Mode	Option	Function
	000-255						Proportional colour

DMX CHANNEL	2	Parameter: GREEN						
DMX range Value	Mid Point DMX value		Move Range (degrees)	Mode	Option	Function		
000-255						Proportional colour		

DMX CHANNEL	3	Parameter: BLUE					
DMX range Value	Mid Poin		Move Range (degrees)	Mode	Option	Function	
000-255						Proportional colour	

DMX CHANNEL	4	Parameter: WHITE					
DMX range Value	Mid Point DMX value		Move Range (degrees)	Mode	Option	Function	
000-255						Proportional colour	

1 CHANNEL MODE (1CH)

DIMMER 1

DMX CHANNEL	1	Parame	ter: DIMMER			
DMX range Value	Mid Point DMX value		Move Range (degrees)	Mode	Option	Function
000-255						Proportional dimmer

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D.T.S. Illuminazione s.r.l. – Via Fagnano Selve 10-12-14 47843 Misano Adriatico (RN) Italia

Tel.: +39 0541 611131. Fax + 39 0541 611111 info@dts-lighting.it www.dts-lighting.it