



USER INSTRUCTION

LED FUNSTRIP DMX

Thank you for purchasing this product.

Thank you for purchasing this product.
For your own safety, please read this user
manual carefully before you initially start-up

GENERAL INSTRUCTIONS

Thanks for your purchasing LED Funstrip DMX lighting equipment, which is available in Warm White(WW) version. The LED Funstrip DMX is compatible of both DMX & RDM and with 10 channel LED intensity adjustable. Programs can be updated via RDM interface. It is available in master and slave control connection.

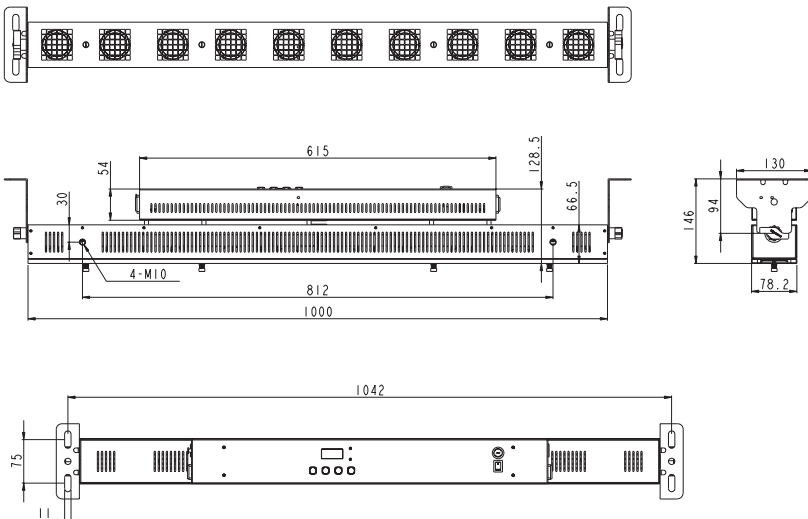
It is easy for users to install and operate.

For the optimum operation and best performance, please read the instruction in this manual carefully and thoroughly.

WARNINGS

- After use, the front panel is extreme hot. Please wait at least 15 min for absolute cool before touching it.
- Otherwise, it causes the result of burning.
- Thanks for your purchasing LED Funstrip DMX lighting equipment, which is available in Warm White(WW) version. The LED Funstrip DMX is compatible of both DMX & RDM and with 10 channel LED intensity adjustable. Programs can be updated via RDM interface. It is available in master and slave control connection.
- It is easy for users to install and operate.
- For the optimum operation and best performance, please read the instruction in this manual carefully and thoroughly.
- This device is not suitable for direct mounting on normally flammable surfaces. To keep a minimum 0.2m safety distance to any flammable materials.
- DO NOT make any inflammable liquids, water or metal objects enter the unit.
- This unit contains no user serviceable parts inside. This unit contains dangerous voltages, always remove the power plug from the wall socket before any service operation and when not in use for a long time.
- Earth connection is so essential.
- Stop using the unit immediately in the event of serious operation problems and either contact your local dealer for a check or contact us directly.

PHYSICAL DIMENSIONS



Accessories (Included):

1. The unit power cable (1pcs)
2. Wing screw(2pcs) + Grommet(2pcs) + Washer(2pcs)
3. Mounting Assemble(2pcs)

MAIN FEATURES

- 07, 08, 10,11, 16 DMX Channels selection
- Standard DMX 3-pin In/Out
- 16 built-in programs except for Auto & Full subject to Speed and Dimmer
- 0-100% dimming level
- Standard DMX-512 protocol
- 001 Thru 100 Chase Speed adjustment
- Power failure memory
- LED display window-4 digits Segment Display shows current activity and function state
- On/Off switch
- Fuse protection

INSTALLATION

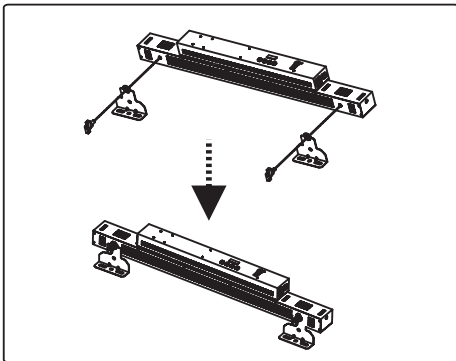
Before use, make sure whether four screws are secured firmly, if not, please secure them with the screwdriver,

loose 4 screws for lamp replacement.

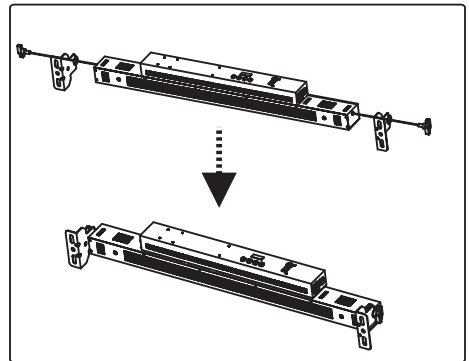
The unit has also been designed to hold up as user's desire. So you can fix the unit on the holder by the wing screw. They are placed in the accessory bag, included.

The following installation diagrams are for user reference.

Method 1



Method 2



Note : Once this unit is for hanging application, it is required to use a safety rope (sold separately, which can hold at least 10 times the weight of the fixture) to ensure the mounting safety of the fixture by attached through the holder.

Power:

Before plugging your unit in, be sure the resource voltage in your area matches the unit required voltage. The unit is available in a 230V version only. Because the line voltage may vary from venue to venue, you should be sure to plug the socket into a matching wall outlet before attempting to operate your unit.

Fuses:

The LED Funstrip DMX electric system is protected by T3.15A 250V 5*20mm. Please see the printing on the case and these fuses prevent you from overloading damaging your unit. To replace the protective fuse, use a flat head screwdriver to unscrew the fuse holder. Pull out the old fuse and replace it with a new one. Insert the fuse back into the slot and tighten. Always replace with exact same type fuse removed unless otherwise specified by an authorized service technician.

SYSTEM CONNECTION

Maximum amount of this units that may be connected is 16pcs(AC100-120V) or 32pcs(220-240V). One universe DMX can drive up to 32 pcs of LED Funstrip DMX, please add DMX booster if LED Funstrip DMX are connected together in line over 32 pcs or data cable over 100M. The connections may be illuminated as following.



LAYOUT OVERVIEW

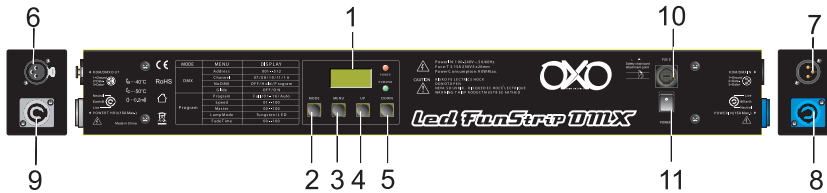
Front Panel Overview



1

1. Lamp: Totally 10 LEDs* Warm White, 7W

Rear Panel Overview



1. LCD Display

This multi-function display will detail all DMX Address, Chase, Program, Speed activity that pertains to the current operation mode of the unit.

2. Mode button

This button will call up the unit operation mode between DMX and Chase mode.

3. Menu button

This button will activate the different functions in Receive and Chase modes.

Note: In the Chase mode, Menu key is used to only activate Chase Dimmer, Chase Program, Chase Speed, Fade Time and Lamp Mode. While in the « Receive » mode, only used to only select DMX Address, Channel.

4. UP Key

This button will increase the displayed value in the LED display.

5. Down Key

This button will decrease the displayed value in the LED display.

6. DMX Out

This connector sends your DMX signal through to the next unit.

7. DMX In

This connector accepts your DMX input signal.

8. Power Input:

AC100-240V~50/60Hz, Max15A. The supply power is input into your unit via this connector. Be sure to always connect to proper voltage.

9. Power Thru:

AC100-240V~50/60Hz, Max15A. This connector sends the supply power to the next unit.

10. Fuse:

F3.15A 250V 5*20mm. These fuses prevent you from overloading damaging your unit. Be sure to always replace with the exact same type fuse.

11. Power Switch:

Turn on/off the power supply.

OPERATION MODES

The “LED Funstrip DMX” has two different operation modes. It can be used as a 07, 08, 10,11, 16 channel DMX dimmer. Tap “Mode” button to switch the operation mode between “Receive Mode” and “Chase Mode”. Please follow illustrations below to operate the unit in your desired mode.

Mode	Parameter	Parameter Value	Function
DMX	Address	001-512	To set the initial DMX receiving address
	Channel	07/08/10/11/16	To set the DMX Control Mode
	No DMX	OFF/Hold/Program	To set the status of the fixture when DMX signal is input
	Glide	OFF/ON	To set the output of the DMX Data
Program	Program	Full/01--16/AUTO	To select a built-in program
	Speed	01-100	To set the speed level of the built-in Program
	Master	00-100	To set the intensity
	Lamp Mode	Tungsten/LED	To set the mode of Lamp
	Fade Time	00-100	To set the speed of the Fadetime

DMX MODE

Use this operation mode only when you are about to use the unit as a DMX dimmer. This function can allow you set your unit dimmer function as a 07, 08, 10,11 or 16 channel DMX dimmer and DMX address.

DMX Channel Functions Details

DMX Channel	11 Channel Mode	10 Channel Mode	8 Channel Mode	7 Channel Mode
1	LED1--LED2 Dimmer	LED1 Dimmer	LED1--LED5 Dimmer	LED1--LED10 Dimmer
2	LED3--LED4 Dimmer	LED2 Dimmer	LED6--LED10 Dimmer	Program
3	LED5--LED6 Dimmer	LED3 Dimmer	Program	Speed
4	LED7--LED8 Dimmer	LED4 Dimmer	Speed	FaceTime
5	LED9--LED10 Dimmer	LED5 Dimmer	FaceTime	LampMode
6	Program	LED6 Dimmer	LampMode	PlayMode
7	Speed	LED7 Dimmer	PlayMode	Master
8	FaceTime	LED8 Dimmer	Master	
9	LampMode	LED9 Dimmer		
10	PlayMode	LED10 Dimmer		
11	Master			

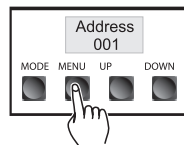
DMX Channel	16 Channel Mode
1	LED1 Dimmer
2	LED2 Dimmer
3	LED3 Dimmer
4	LED4 Dimmer
5	LED5 Dimmer
6	LED6 Dimmer
7	LED7 Dimmer
8	LED8 Dimmer
9	LED9 Dimmer
10	LED10 Dimmer
11	Program
12	Speed
13	FadeTime
14	LampMode
15	PlayMode
16	Master

Channel Parameter details:

Parameters	Functions
Dimmer	DMX value 0---100% equal to intensity 0---100%
Program	DMX 0 --7 for local DMX Dimmer Mode
	DMX 8 --15 Full
	DMX 16 --23 Program1
	DMX 24 --31 Program2
	DMX 32 -- 39 Program3
	...
	DMX 136 --143 Program16
DMX 144 --255 Auto	
Speed	The bigger DMX value is, the faster the Programme runs
FadeTime	DMX value 0---100% equals to FadeTime 0---100%
LampMode	DMX 0 -- 127 for choosing the work mode of the LED
	DMX 128--255 for choosing Tungsten
Play Mode	DMX 0--80 to stop the Program
	DMX 81 --160 to pause the Program
	DMX 161--255 to play the Program
Master	DMX value 0--- 100% equals to Program intensity 0--- 100 %

1. Selecting DMX Address

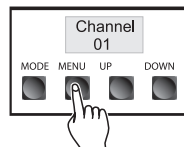
Press “MENU” button and select DMX channel address menu after having activated the Receive Mode. The DMX Address Mode is indicated by «Address» followed by three digits 001~ 512. You can tap the “UP” and “DOWN” buttons to change the DMX Address Value.



Note: There is no DMX input in the master unit of the connection.

2. Selecting the DMX Channel

Press “MENU” button and select Channel Mode. The Channel Mode is indicated by «Channel» followed by two digits 07,08, 10, 11,16. You can tap the «UP” and «DOWN» buttons to change the setting from 07, 08, 10,11 or 16 which you wish to run.



Note:

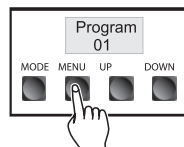
1. When CH:07 is displayed, overall channels will be controlled by one DMX channel.
2. When CH:08 is displayed, channel 1 and 2 will be controlled by one DMX channel, channel3 and 4 will be controlled by one DMX channel, and so forth, channel 9 and 10 will be controlled by another .
3. When CH:10 is displayed, channel1~10 will control an individual LED fixture.
4. When CH:11 is displayed, each channel will be controlled by one DMX channel. This is the factory default setting.
5. When CH:16 is displayed, 1-10 will control the LED, and the 11-16 will control to run a special program.

PROGRAM MODE

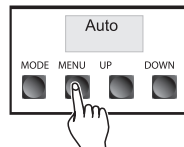
Use the operation mode only when you are about to use your unit as a channel chaser among of the 07, 08, 10, 11,16 channel chasers. The unit has 16 built-in programs except for Auto and Full. Of course, you can select any of these programs to chase for a more dramatic lighting show, and you can also control the speed at which the set programs will be chased.

1. Setting your desired Chase Program:

Once you have activated the Chase Mode, you can tap the “MENU” button to select and activate “Chase Program” menu. The chase pattern is displayed in the LCD by «Program « followed by two digits 01~16 or only «AUTO»& «FULL» appears. You can tap “UP” and “DOWN” button to select any of them to run at a single time.

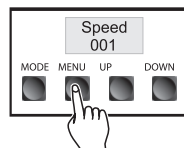


Selecting any program of Program01-16 will activate the selected program; while selecting “Auto” will automatically play the built-in 16 chase programs. When select “Full” menu, all the LEDs will keep lighting.

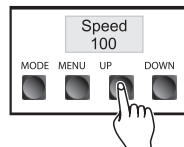


2. Chase Speed Menu:

Press “MENU” button to select and activate “Chase Speed” menu. In this menu, you can adjust the program chase speed.

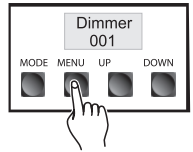


Use the «UP» & «DOWN» buttons to adjust the chase speed from 001 thru 100. A set value of 100 will give you the fastest chase speed(approx.1/10th of a second) . While a set value of 001 will give you the slowest chase speed (once every 30 second.).

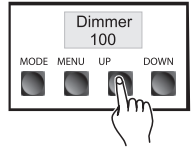


3. Master (Intensity) Menu:

To adjust the output intensity, you must activate the Chase Dimmer Menu as the previous step. Press “MENU” button and select “Chase Dimmer” menu, the LCD will display “Dimmer” followed by three digits.

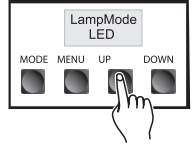


Use the «UP» and «DOWN» buttons to adjust the light output intensity between 000 ~ 100. A set value of 000 will give you the weakest output intensity and a set value of 100 will give you the full intensity.



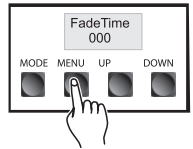
4. Lamp Mode Menu:

Press “MENU” button and select “Lamp Mode” menu, the LCD will display “LampMode Tungsten”, user can press “UP” or “DOWN” button to switch to “LampMode LED” menu.



5. Fade Time Menu:

Press “MENU” button and select “Fade Time” menu, the LCD will display “FadeTime” followed by three digits, user can press “UP” or “DOWN” button set the desired Fade time value from 000 to 100.



LED FUNSTRIP DMX RDM PARAMETER IDS

The following tables outline and describe all the RDM parameters IDs associated with LED Funstrip DMX.

Table 1: LED Funstrip DMX RDM Parameter IDs

LED Funstrip DMX					
UID					
MSB of ESTA 50H	LSB of ESTA 41H	MSB of 01H	LSB of 01H	MSB of Unique Seq.	LSB of Unique Seq.
Model ID	0x7000	Product Category		0x0509	
Manufacturer	OXO				
Model Description	LED Funstrip DMX Led Light				

Supported PIDs					
Get Allowed	Set Allowed	RDM Parameter IS's	Value	Comment	Implemented
Category - Network Management					
		DISC_UNIQUE_BRANCH	0x0001		√
		DISC_MUTE	0x0002		√
		DISC_UN_MUTE	0x0003		√
√		PROXIED_DEVICES	0x0010		
√		PROXIED_DEVICE_COUNT	0x0011		
√	√	COMMS_STATUS	0x0015		

Supported PIDs					
Get Allowed	Set Allowed	RDM Parameter IS's	Value	Comment	Implemented
Category - Statut Collection					
√		QUEUED_MESSAGE	0x0020		√
√		STATUS_MESSAGES	0x0030		√
√		STATUS_ID_DESCRIPTOR?	0x0031		√
	√	CLEAR_STATUS_ID	0x0032		√
√	√	SUB_DEVICE_STATUS_REPORT_THRESHOLD	0x0033		√
Category - RDM Information					
√		SUPPORTED_PARAMETERS	0x0050	* Support required only if supporting Parameters beyond the minimum required set.	√
√		PARAMETER_DESCRIPTION	00x051	- Support required for Manufacturer-Specific PIDs exposed in SUPPORTED_PARAMETERS message.	√
Category - Product Information					
		DEVICE_INFO	0x0060		√
√		PRODUCT_DETAIL_ID_LIST	0x0070		
√		DEVICE_MODEL_DESCRIPTION	0x0080		√
√		MANUFACTURER_LABEL	0x0081		√
√	√	DEVICE_LABEL	0x0082		√
√	√	FACTORY_DEFAULTS	0x0090		
√		LANGUAGE_CAPABILITIES	0x00A0		
√	√	LANGUAGE	0x00B0		
√		SOFTWARE_VERSION_LABEL	0x00C0		√
√		BOOT_SOFTWARE_VERSION_ID	0x00C1		
√		BOOT_SPFTWARE_VERSION_LABEL	0x00C2		
Category - DMX512 Setup					
√	√	DMX_PERSONALITY	0x00E0		√
√		DMX_PERSONALITY_DESCRIPTION	0x00E1		√
√	√	DMX_START_ADDRESS	0x00F0	* Required if device uses a DMX Slot	√
√		SLOT_INFO	0x0120		√
√		SLOT_DESCRIPTION	0x0121		√
√		DEFAULT_SLOT_VALUE	0x0122		

Supported PIDs					
Get Allowed	Set Allowed	RDM Parameter IS's	Value	Comment	Implemented
Category - Sensors 0x02xx					
√		SENSOR_DEFINITION	0x0200		
√	√	SENSOR_VALUE	0x0201		
	√	RECORD_SENSORS	0x0202		
Category - Dimmer Settings 0x03xx Future					
Category - Power/Lamp Settings 0x04xx					
√	√	DEVICE_HOURS	0x0400		
√	√	LAMP_HOURS	0x0401		
√	√	LAMP_STRIKES	0x0402		
√	√	LAMP_STATE	0x0403		
√	√	LAMP_ON_MODE	0x0404		
√	√	DEVICE_POWER_CYCLES	0x0405		
Category - Display Settings 0x05xx					
√	√	DISPLAY_INVERT	0x0500		
√	√	DISPLAY_LEVEL	0x0501		
Category - Configuration 0x06xx					
√	√	PAN_INVERT	0x0600		
√	√	TILT_INVERT	0x0601		
√	√	PAN_TILT_SWAP	0x0602		
√	√	REAL_TIME_CLOCK	0x0603		
Category - Control 0x10xx					
√	√	IDENTIFY_DEVICE			
	√	RESET_DEVICE			
√	√	POWER_STATE			
√	√	PERFORM_SELFTEST			
√		SELF_TEST_DESCRIPTION			
	√	CAPTURE_PRESET			
√	√	PRESET_PLAYBACK			

Table 2: LED Funstrip DMX Manufacturer Status IDs

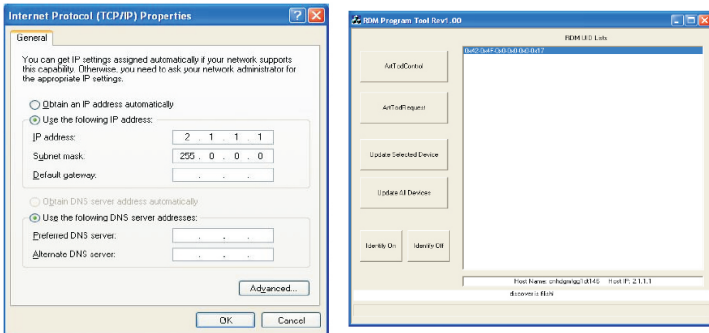
Manufacturer Defined Status IDs				
<p>Manufacturer Specific messages are in the range of 0x8000 – 0xFFDF. Each Manufacturer-specific Status ID shall have a unique meaning, which shall be consistent across all products having a given Manufacturer ID. See Table B-2, ANSI E1.20-2010</p>				
Status Message ID	Value	Data Value 1	Data Value 2	Status ID Description
8100H		00H	00H	ALL OK

Table 3: LED Funstrip DMX Manufacturer Specific PIDs

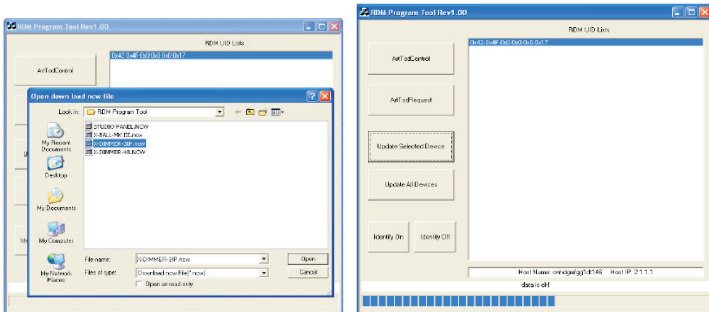
Manufacturer Specific PIDs										
Manufacturer Defind PIDs range is 0x8000-0xffff. See Table A-3, ANSI E1.20-2010										
Get Allowed	SET Allowed	RDM Parameter Id's	TYPE	LENGTH	UNIT	PREFIX	MIN	MAX	DEFAULT	DESCRIPTION
		8A08H	U8	1	NONE	NONE	0	18	1	chase program
		8A09H	U8	1	NONE	NONE	1	99	1	chase speed
		8A01H	U8	1	NONE	NONE	0	1	1	chase dimmer
		8A42H	U8	1	NONE	NONE	1	2	1	lamp mode
		8A0BH	U8	1	NONE	NONE	0	100	0	fade time percent

PROGRAM UPDATE

Programs of this device can be updated via the RDM interface with proper tool named SC-NODE and RDM Program Tool. Connect the to the output t LED Funstrip DMX erminal of the SC-NODE then connect the SC-NODE to the PC, run the TCP/IP setting, see the following figures for details.



After the TCP/IP is set, run the RDM_Program_Tool.exe software, the tool will search RDM devices automatically for the first time, user may also search devices via ArtTod Control command. When the software searched a RDM device, the RDM UID will be listed in the “RDM UID Lists”. Select the listing RDM UID, then press “Update Selected Device” command to upload the desired updating program, press “open” command to start updating. After finishing updating, the software will start to search device once again, and showing “update successful!”, means program updating completed.



TECHNICAL SPECIFICATIONS

Power Thru/Input	AC100~240V,50/60Hz
IP Rating	IP20
Power Consumption	90W
Weight	6,3Kg
Fuse	T3.15A 250V 5*20mm
Dimension	1040(L)*130(W)*140(H)mm.

Please note: Specifications and improvements in the design of this product and this manual are subject to change without any prior notice.

EXPLANATION FOR THE LABEL

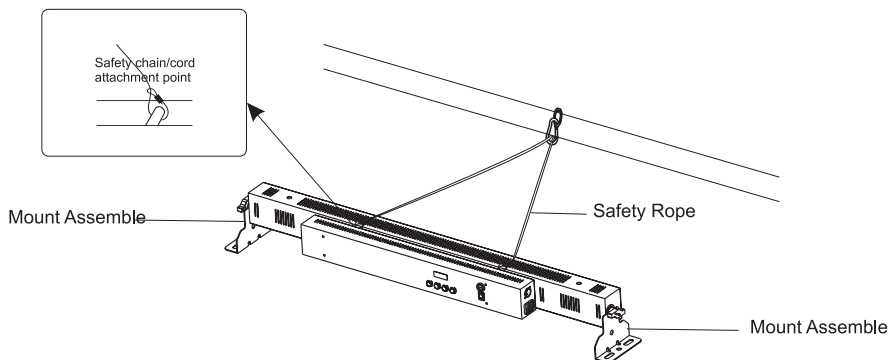


 $t_a \leq 35^\circ\text{C}$ Indicating that the ambient temperature should not be above 35 degrees.

 $Q \geq 1\text{m}$ Minimum safety distance to lighted object: 1m.

SPECIAL NOTE

This fixture can be easily mounted with the provided mount assemble, meanwhile a safety rope (sold separately) is always required to ensure the mounting safety of the fixture by attached and fastened through safety chain /cord attachment point. This safety rope can hold at least 10 times the weight of the fixture and with a screw on it.



GÉNÉRALITÉS

Merci d'avoir fait le choix de ce matériel d'éclairage professionnel OXO. Pour un fonctionnement et pour des performances optimums, veuillez lire attentivement les consignes énoncées dans le présent manuel; elles donnent des informations importantes a propos de la sécurité lors de l'utilisation et des interventions de maintenance. Conserver le présent manuel près de l'appareil pour pouvoir le consulter. Si l'appareil est vendu ou donné à un autre utilisateur, s'assurer qu'il est bien toujours accompagné de son manuel pour que son nouveau propriétaire ait les bonnes consignes d'utilisation.

Tous les appareils ont subi des tests approfondis et ont été emballés avec soin avant expédition. Déballez le carton de transport et examiner en détail le produit, conserver le carton et tous les matériaux d'emballage pour une éventuelle utilisation ultérieure. Examiner attentivement et bien s'assurer que l'appareil n'est pas endommagé et que les accessoires joints à la livraison ne sont pas manquants. En cas de détérioration ou d'absence d'un élément, ne pas utiliser l'appareil, mais contacter le revendeur le plus proche ou directement notre service après-vente.

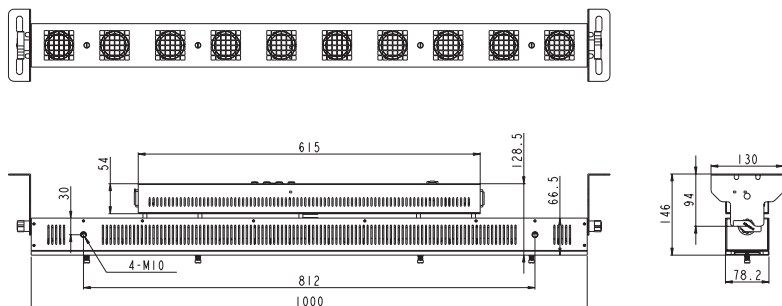
Le funstrip LED DMX est compatible aux protocoles DMX et RDM. Le projecteur peut être mis à jour via le programme RDM OXO.

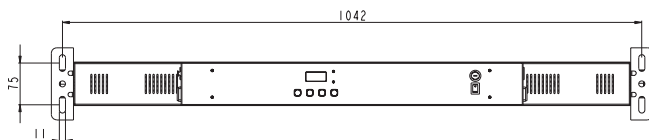
MISE EN GARDE

- Pour éviter tout risque d'électrocution et d'accident grave, NE PAS ouvrir ni démonter l'appareil.
- ATTENTION, après utilisation, la face avant de l'appareil peut atteindre des températures élevées. Attendre au moins 15mn que l'appareil soit entièrement refroidi avant de le manipuler.
- NE JAMAIS tenter de réparer l'appareil soi-même. Toute réparation effectuée par des personnes non qualifiées risque d'entraîner détérioration ou mauvais fonctionnement.
- Cet appareil n'est pas adapté pour le montage direct sur des surfaces inflammables. Garder une distance minimale de sécurité de 0.2m à toutes matières inflammables.
- NE PAS faire pénétrer de liquides inflammables, d'eau ni d'objets métalliques à l'intérieur de l'appareil.
- Cet appareil ne contient pas de pièces réparables par l'utilisateur. Cet appareil présente des tensions dangereuses; ne pas oublier de retirer la fiche de secteur de la prise murale avant toute intervention d'entretien ou en cas de non-utilisation prolongée.
- Il est essentiel de disposer d'une prise de terre.
- Cesser immédiatement d'utiliser l'appareil en cas de dysfonctionnements graves, puis soit contacter le revendeur le plus proche, soit nous contacter directement.

Tous droits réservés. Aucun extrait du présent manuel joint à l'appareil ne doit être reproduit, transmis, transcrit ni traduit sous quelque forme que ce soit et par quelque moyen que ce soit sans l'autorisation d'une personne ayant compétence pour donner cette autorisation.

DIMENSIONS





Accessoires inclus :

1. Câble d'alimentation secteur (1pcs)
2. Vis papillon (2pcs) + rondelles grommet (2pcs) + rondelle métallique (2pcs)
3. Barres de couplage (2pcs)
4. Équerre de fixation (2pcs)

CARACTÉRISTIQUES PRINCIPALES

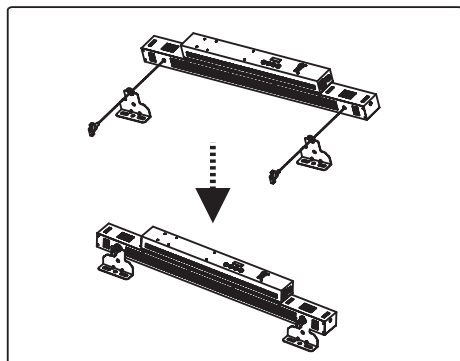
- Modes DMX : 07, 08, 10, 11, 16 canaux.
- Connecteur entrée/sortie standard 3 broches.
- 16 programmes internes à vitesse, intensité et fade variable.
- Comportement du funstrip en mode Tungstène ou LED.
- Mode de lecture des programmes PLAY, STOP ou PAUSE.
- Gradation de 0 à 100%.
- Protocol standard DMX 512.
- Mémoire d'état du projecteur après extinction.
- Écran LCD à verrouillage automatique.
- Bouton deux positions ON/OFF.
- Protection par fusible.

INSTALLATION

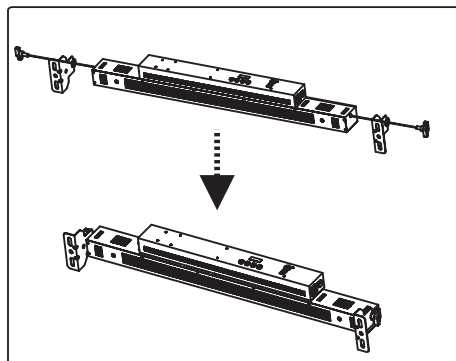
Avant utilisation, vérifiez si les quatre vis de fixation de la plaque frontale sont en place et bien serrées, en cas contraire, veuillez les serrer à l'aide d'un tournevis.

Si l'utilisateur le souhaite, l'appareil a été conçu pour être fixé sur un support. On peut donc fixer l'appareil aux équerres de fixations à l'aide des molettes de serrage livrées avec l'appareil.

Method 1



Method 2



Remarque : Une fois le produit installé en hauteur, il doit utiliser une élingue de sécurité (vendu séparément, cette élingue de sécurité doit pouvoir supporté 10 fois le poids du projecteur) pour assurer la sécurité du montage.

Alimentation :

Avant de brancher l'appareil, vérifier que la tension de secteur correspond bien à la tension nécessaire à l'appareil. L'appareil n'existe qu'en modèle 230V. La tension de secteur pouvant varier d'un pays à l'autre, assurez vous que la prise de courant mâle et la prise de courant murale sont compatibles avant de mettre sous tension l'appareil.

Fusible :

Le LED FUNSTRIP DMX est protégé par des fusibles T3,15A 250V 5×20mm. Lire le texte imprimé sur l'emballage; ces fusibles protègent contre les surintensités susceptibles de détériorer l'appareil. Pour remplacer le fusible, dévisser le porte-fusible à l'aide d'un tournevis plat. Retirer le fusible usagé et le remplacer par un neuf. Introduire le fusible dans son logement, puis serrer. Toujours remplacer un fusible défectueux par un autre de même type que celui d'origine.

PRINCIPE DE CONNEXION

32 LED FUNSTRIP DMX peuvent être branché sur la même prise 16A et être sur la même ligne DMX (même univers). Utiliser un Booster DMX si les 32 pièces sont sur la même light DMX ou que le câble DMX dépasse 100m.

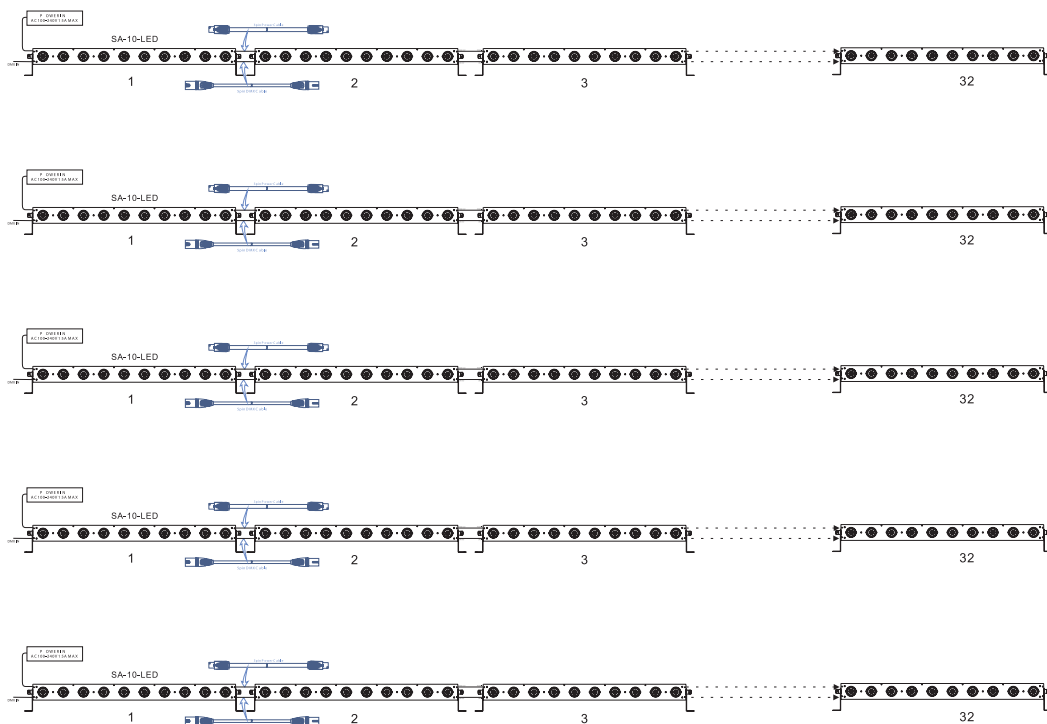


SCHÉMA D'ENSEMBLE DE L'APPAREIL

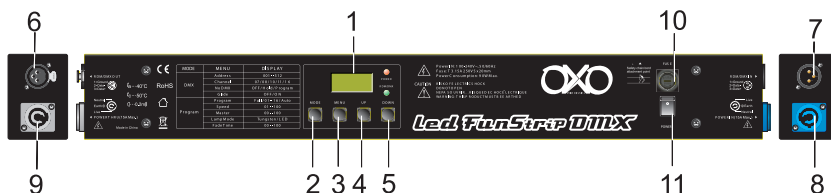
Schéma de la façade avant



1

1. Témoin lumineux : 10 LEDs Warm White, 7W

Schéma de la façade arrière



1. Écran LCD

Cet affichage multifonction permettra de suivre toute l'activité de l'appareil selon le mode de fonctionnement sélectionné: Adresse DMX, Séquenceur, Programme, Vitesse.

2. Bouton mode

Ce bouton permet de passer du mode réception DMX au mode programme.

3. Bouton menu

Ce bouton donne accès aux différentes fonctions du mode réception DMX ou mode programme.

4. Bouton UP

Augment la valeur à l'écran

5. Bouton DOWN

Diminue la valeur à l'écran

6. DMX OUT

Sortie de la valeur DMX

7. DMX IN

Entrée de la valeur DMX

8. Power Input

AC-100-240V ~50/60Hz, Max15A. Attention de toujours se connecter sur le bon voltage.

9. Power Thru

AC-100-240V ~50/60Hz, Max15A. Permet de transmettre l'alimentation à un autre projecteur.

10. Fusibles : F3,15A 250V 5*20mm. Attention a bien remplacé par le même type de fusible.

11. Interrupteur ON/OFF

MODES DE FONCTIONNEMENTS

Le LED Funstrip DMX présente deux modes de fonctionnements. Il peut fonctionner soit en mode programme soit en mode réception DMX. Le contrôle du projecteur se fait via l'écran en mode programme et via DMX en mode réception DMX, en 07, 08, 10, 11 ou 16 canaux.

Mode	Parameter	Parameter Value	Function
DMX	Address	001-512	To set the initial DMX receiving address
	Channel	07/08/10/11/16	To set the DMX Control Mode
	No DMX	OFF/Hold/Program	To set the status of the fixture when DMX signal is input
	Glide	OFF/ON	To set the output of the DMX Data
Program	Program	Full/01--16/AUTO	To select a built-in program
	Speed	01-100	To set the speed level of the built-in Program
	Master	00-100	To set the intensity
	Lamp Mode	Tungsten/LED	To set the mode of Lamp
	Fade Time	00-100	To set the speed of the Fadetime

MODES DMX

Charte DMX à utiliser uniquement en mode réception.

Charte DMX mode 07, 08, 10, 11, 16 :

DMX Channel	11 Channel Mode	10 Channel Mode	8 Channel Mode	7 Channel Mode
1	LED1--LED2 Dimmer	LED1 Dimmer	LED1--LED5 Dimmer	LED1--LED10 Dimmer
2	LED3--LED4 Dimmer	LED2 Dimmer	LED6--LED10 Dimmer	Program
3	LED5--LED6 Dimmer	LED3 Dimmer	Program	Speed
4	LED7--LED8 Dimmer	LED4 Dimmer	Speed	FaceTime
5	LED9--LED10 Dimmer	LED5 Dimmer	FaceTime	LampMode
6	Program	LED6 Dimmer	LampMode	PlayMode
7	Speed	LED7 Dimmer	PlayMode	Master
8	FaceTime	LED8 Dimmer	Master	
9	LampMode	LED9 Dimmer		
10	PlayMode	LED10 Dimmer		
11	Master			

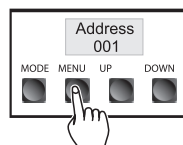
DMX Channel	16 Channel Mode
1	LED1 Dimmer
2	LED2 Dimmer
3	LED3 Dimmer
4	LED4 Dimmer
5	LED5 Dimmer
6	LED6 Dimmer
7	LED7 Dimmer
8	LED8 Dimmer
9	LED9 Dimmer
10	LED10 Dimmer
11	Program
12	Speed
13	FadeTime
14	LampMode
15	PlayMode
16	Master

Détail des paramètres DMX :

Parameters	Functions
Dimmer	DMX value 0---100% equal to intensity 0---100%
Program	DMX 0 --7 for local DMX Dimmer Mode
	DMX 8 --15 Full
	DMX 16 --23 Program1
	DMX 24 --31 Program2
	DMX 32 -- 39 Program3
	...
	DMX 136 --143 Program16
DMX 144 --255 Auto	
Speed	The bigger DMX value is, the faster the Programme runs
FadeTime	DMX value 0---100% equals to FadeTime 0---100%
LampMode	DMX 0 -- 127 for choosing the work mode of the LED
	DMX 128--255 for choosing Tungsten
Play Mode	DMX 0--80 to stop the Program
	DMX 81 --160 to pause the Program
	DMX 161--255 to play the Program
Master	DMX value 0--- 100% equals to Program intensity 0--- 100 %

1. Sélection de l'adresse DMX

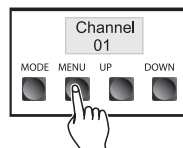
Appuyer sur MODE pour arriver au mode réception DMX, puis appuyer sur MENU jusqu'à "Address". Utiliser UP et DOWN afin de choisir l'adresse DMX désirée.



Remarque : Le projecteur maître ne doit pas recevoir de DMX.

2. Sélection du mode DMX

Appuyer sur MODE pour arriver au mode réception DMX, puis appuyer sur MENU jusqu'à "Channel". Utiliser UP et DOWN afin de choisir le Mode DMX souhaité (07, 08, 10, 11 ou 16 canaux).



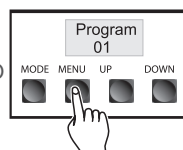
Remarque : Voir le tableau des modes DMX.

MODES PROGRAMMES

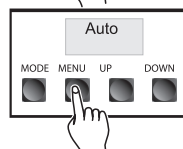
Le mode programme permet de choisir un des 16 programmes internes directement sur l'écran. Les 16 programmes sont à vitesse, intensité et fade variable. Voici comment utiliser ce mode :

1. Sélectionner un programme.

Appuyer sur MODE pour arriver au mode programme, puis appuyer sur MENU jusqu'à "Program". Utiliser UP et DOWN pour choisir entre les 16 programmes proposés ou AUTO et FULL.



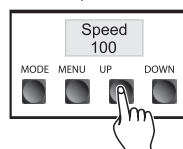
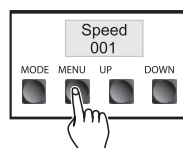
Le programme AUTO joue automatiquement les 16 programmes les uns après les autres et le mode FULL est l'état des 10 LED à 100%.



2. Configuration de la vitesse.

Appuyer sur MODE pour arriver au mode programme, puis appuyer sur MENU jusqu'à "Speed".

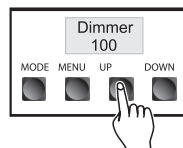
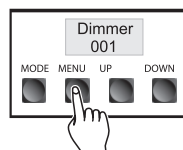
Utiliser UP et DOWN afin d'ajuster la vitesse de 001 à 100. La valeur 100 correspond à la vitesse la plus élevée (1/10s entre chaque pas) et 001 la vitesse la plus lente (30s entre chaque pas).



3. Ajuster l'intensité

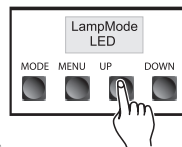
Appuyer sur MODE pour arriver au mode programme, puis appuyer sur MENU jusqu'à "Master".

Utiliser UP et DOWN afin d'ajuster l'intensité de 000 à 100. 100 étant la valeur max et 000 la valeur à zéro.



4. Menu Lamp Mode.

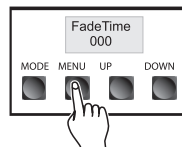
Appuyer sur MODE pour arriver au mode programme, puis appuyer sur MENU jusqu'à "LampMode". Utiliser UP et DOWN pour choisir un des deux modes.



Le Mode LED est le mode par défaut, l'allumage des LED est instantané. Le Mode tungstène simule le comportement des lampes du funstrip classique en ajoutant un effet à la monter et la descente de l'intensité des points.

5. Menu fade time.

Appuyer sur MODE pour arriver au mode programme, puis appuyer sur MENU jusqu'à "FadeTime". Utiliser UP et DOWN afin d'ajuster l'intensité du Fade de 000 à 100.



PARAMÈTRES RDM

Le tableau suivant décrit tous les paramètres RDM du LED Funstrip DMX.

LED Funstrip DMX					
UID					
MSB of ESTA 50H	LSB of ESTA 41H	MSB of 01H	LSB of 01H	MSB of Unique Seq.	LSB of Unique Seq.
Model ID	0x7000	Product Category		0x0509	
Manufacturer	OXO				
Model Description	LED Funstrip DMX Led Light				

Supported PIDs					
Get Allowed	Set Allowed	RDM Parameter IS's	Value	Comment	Implemented
Category - Network Management					
		DISC_UNIQUE_BRANCH	0x0001		√
		DISC_MUTE	0x0002		√
		DISC_UN_MUTE	0x0003		√
√		PROXIED_DEVICES	0x0010		
√		PROXIED_DEVICE_COUNT	0x0011		
√	√	COMMS_STATUS	0x0015		

Supported PIDs					
Get Allowed	Set Allowed	RDM Parameter IS's	Value	Comment	Implemented
Category - Statut Collection					
√		QUEUED_MESSAGE	0x0020		√
√		STATUS_MESSAGES	0x0030		√
√		STATUS_ID_DESCRIPTOR?	0x0031		√
	√	CLEAR_STATUS_ID	0x0032		√
√	√	SUB_DEVICE_STATUS_REPORT_THRESHOLD	0x0033		√
Category - RDM Information					
√		SUPPORTED_PARAMETERS	0x0050	* Support required only if supporting Parameters beyond the minimum required set.	√
√		PARAMETER_DESCRIPTION	00x051	- Support required for Manufacturer-Specific PIDs exposed in SUPPORTED_PARAMETERS message.	√
Category - Product Information					
		DEVICE_INFO	0x0060		√
√		PRODUCT_DETAIL_ID_LIST	0x0070		
√		DEVICE_MODEL_DESCRIPTION	0x0080		√
√		MANUFACTURER_LABEL	0x0081		√
√	√	DEVICE_LABEL	0x0082		√
√	√	FACTORY_DEFAULTS	0x0090		
√		LANGUAGE_CAPABILITIES	0x00A0		
√	√	LANGUAGE	0x00B0		
√		SOFTWARE_VERSION_LABEL	0x00C0		√
√		BOOT_SOFTWARE_VERSION_ID	0x00C1		
√		BOOT_SPFTWARE_VERSION_LABEL	0x00C2		
Category - DMX512 Setup					
√	√	DMX_PERSONALITY	0x00E0		√
√		DMX_PERSONALITY_DESCRIPTION	0x00E1		√
√	√	DMX_START_ADDRESS	0x00F0	* Required if device uses a DMX Slot	√
√		SLOT_INFO	0x0120		√
√		SLOT_DESCRIPTION	0x0121		√
√		DEFAULT_SLOT_VALUE	0x0122		

Supported PIDs					
Get Allowed	Set Allowed	RDM Parameter IS's	Value	Comment	Implemented
Category - Sensors 0x02xx					
√		SENSOR_DEFINITION	0x0200		
√	√	SENSOR_VALUE	0x0201		
	√	RECORD_SENSORS	0x0202		
Category - Dimmer Settings 0x03xx Future					
Category - Power/Lamp Settings 0x04xx					
√	√	DEVICE_HOURS	0x0400		
√	√	LAMP_HOURS	0x0401		
√	√	LAMP_STRIKES	0x0402		
√	√	LAMP_STATE	0x0403		
√	√	LAMP_ON_MODE	0x0404		
√	√	DEVICE_POWER_CYCLES	0x0405		
Category - Display Settings 0x05xx					
√	√	DISPLAY_INVERT	0x0500		
√	√	DISPLAY_LEVEL	0x0501		
Category - Configuration 0x06xx					
√	√	PAN_INVERT	0x0600		
√	√	TILT_INVERT	0x0601		
√	√	PAN_TILT_SWAP	0x0602		
√	√	REAL_TIME_CLOCK	0x0603		
Category - Control 0x10xx					
√	√	IDENTIFY_DEVICE			
	√	RESET_DEVICE			
√	√	POWER_STATE			
√	√	PERFORM_SELFTEST			
√		SELF_TEST_DESCRIPTION			
	√	CAPTURE_PRESET			
√	√	PRESET_PLAYBACK			

Table 2: LED Funstrip DMX Manufacturer Status IDs

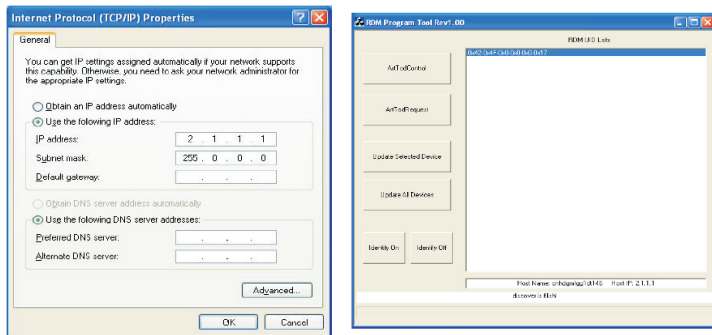
Manufacturer Defined Status IDs				
Manufacturer Specific messages are in the range of 0x8000 – 0xFFDF. Each Manufacturer-specific Status ID shall have a unique meaning, which shall be consistent across all products having a given Manufacturer ID. See Table B-2, ANSI E1.20-2010				
Status Message ID	Value	Data Value 1	Data Value 2	Status ID Description
8100H		00H	00H	ALL OK

Table 3: LED Funstrip DMX Manufacturer Specific PIDs

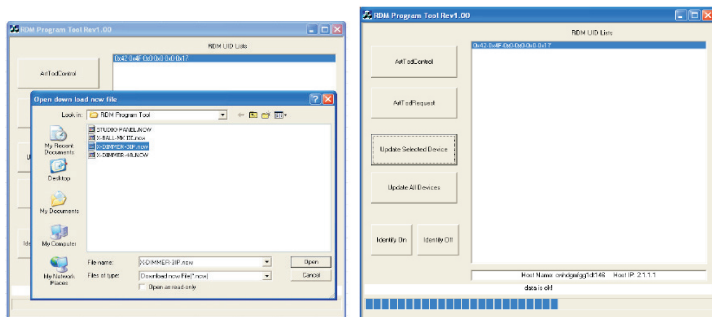
Manufacturer Specific PIDs										
Manufacturer Defind PIDs range is 0x8000-0xffff. See Table A-3, ANSI E1.20-2010										
Get Allowed	SET Allowed	RDM Parameter Id's	TYPE	LENGTH	UNIT	PREFIX	MIN	MAX	DEFAULT	DESCRIPTION
		8A08H	U8	1	NONE	NONE	0	18	1	chase program
		8A09H	U8	1	NONE	NONE	1	99	1	chase speed
		8A01H	U8	1	NONE	NONE	0	1	1	chase dimmer
		8A42H	U8	1	NONE	NONE	1	2	1	lamp mode
		8A0BH	U8	1	NONE	NONE	0	100	0	fade time percent

PROGRAMME DE MISE À JOUR

Le programme interne du LED Funstrip DMX peut être mis à jour via l'interface NET BOX 1 et l'application RDM Program Tool. Connecter le LED Funstrip via un câble DMX au NET BOX 1 puis le NET BOX 1 à un PC via un câble ethernet. Ouvrir les configurations TCP/IP du PC et suivre les informations suivantes.



Après avoir configuré l'adresse IP et le masque de sous réseau, lancer l'application RDM_Program_Tool.exe. L'application commence par rechercher les LED funstrip connectés. La recherche terminée, sélectionner le LED Funstrip à mettre à jour, puis cliquer sur "Update selected device" pour aller chercher le fichier de la mise à jour. Attendre jusqu'à voir apparaître "Update successful !".



TECHNICAL SPECIFICATIONS

Alimentation	AC100~240V,50/60Hz
IP	IP20
Puissance	90W
Poids	6,3Kg
Fusible	T3.15A 250V 5*20mm
Dimension	1040(L)*130(W)*140(H)mm.

Remarque : les caractéristiques techniques et améliorations de la conception de ce produit, ainsi que le présent manuel, sont susceptibles d'être modifiées sans préavis.

EXPLICATIONS :



$t_a \leq 35^\circ\text{C}$ La température ambiante ne doit pas dépasser 35°C

$Q \geq 1\text{m}$ Distance minimum de 1m

REMARQUE PARTICULIÈRE

Le LED Funstrip se monte facilement avec les pieds fournis avec le projecteur, mais attention à bien utiliser une élingue de sécurité (non fournie). Cette élingue de sécurité doit pouvoir supporter 10 fois le poids du projecteur.

