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**Lighting**

2013  
2014



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## LIGHTON SERIES

Lighting consoles



# lightON SERIES

THESE TWO ADVANCED LIGHTING CONSOLES HAVE BEEN DESIGNED TO CONTROL CONVENTIONAL LIGHTING, MOVING LIGHTS AND LED FIXTURES. THEY FEATURE 512 DMX CHANNELS AND UP TO 48 FADERS (24 FOR LIGHTON 3 AND 48 FOR LIGHTON 5).

### OPERATING MODES

LightON consoles provide six operating modes:

- **Single scene and double scene modes:** these two modes allow the selection of cues and their edition (time fade). Cues are triggered with A and B faders, and sent to their respective outputs.
- **SubMaster mode:** Using the Sub Master mode, user gets access to any of the 576 programmable cues (48 cues x 12 pages) that can be triggered with adjustable time fade. Crossfade is available between two cue lists.
- **Moving light mode:** It allows the full control of moving lights and scanners. Many fixtures can be controlled together.
- **LED mode:** It is used to control RGBA LED fixtures. It provides the effects, groups and patches for an easy control of units.
- **Memory mode:** It is available to mix Sub master, Moving Light and LED operating modes.

Many programmable cues are available. You can obviously create your own cues in an easy way thanks to LightON intuitive control system.

### ENJOY THE ADVANTAGES OF A VISUAL CONSOLE

The visual interface is one of the most outstanding features of LightON consoles. Their built-in LCD display provides a clear, fully understandable information about lighting fixtures. The colour of back-lighted buttons (RGB LEDs) change to show current configuration. This is an intuitive way to control lighting fixtures at any time. An optional VGA monitor output is available to connect the lighting console to an external monitor and visualize data configuration.

### EFFECTIVE COMMUNICATION

LightON consoles feature all the inputs and outputs required for an effective communication with external fixtures. Thanks to the USB port, users can download/upload data and upgrade internal software. The ArtNet connector makes possible the connexion with other fixtures integrated in an Ethernet network.



# lightON SERIES



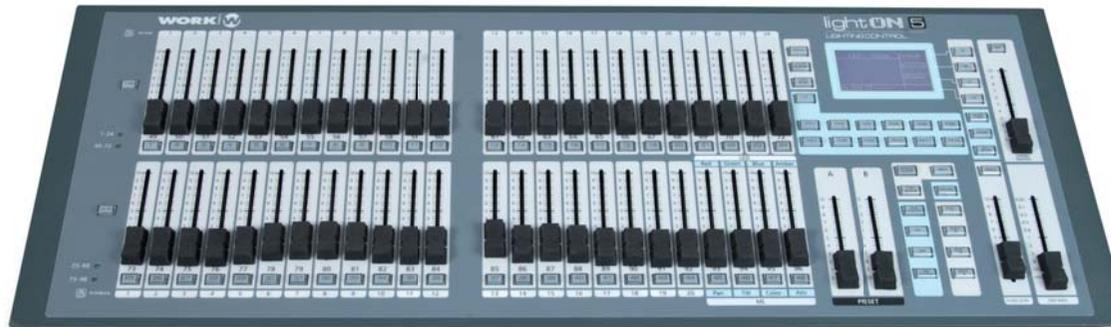
## BACKLIGHTED DISPLAYS AND BUTTONS

Backlighted buttons change their colour depending on state and function. Predetermined channels to control LED fixtures (RGBA) and moving lights (Pan/Tilt, etc).



## VGA CARD PORT FOR MONITOR CONNEXION (NOT INCLUDED)

LightON consoles provide an additional port for VGA card. It makes possible the connexion of an external monitor (not included). It is a great solution to visualize channel directly in the display.



**“THE VISUAL INTERFACE  
OF LIGHTON CONSOLES  
MAKE THEM VERY  
INTUITIVE TO USE IN  
LIVE SHOWS”**

## FEATURES

- Multipurpose lighting consoles, suitable for conventional lighting, moving heads and LED fixtures.
- Visual interface, with LCD display (60\*128) and back-light buttons that change their colour to show current state.
- 6 operating modes: Single cue, Double cue, Sub Master, Moving Light, LED and Memory.
- Memory mode makes possible the mix of Sub master, Moving Light and LED operating modes.
- 24 faders (LightON 3) or 48 faders (LightON 5) to control conventional lighting, moving heads and LED fixtures.
- 576 programmable cues (48 cues x 12 pages) in Sub Master mode for conventional lighting.
- Control of 8 moving lights with up to 40 channels available for each fixture. 20 playbacks available (99 steps each) with the Moving Light mode.
- 12 built-in effects with programmable fade time and speed (up to 99 steps for each effect).
- Blackout function.
- A and B faders with separate output and crossfade.
- Grand Master fader available to control the overall output.
- USB port to download/upload data and upgrade internal software.
- ArtNet port for a fast communication with compatible devices.
- Port for an optional VGA card (800x600 pixels).
- Mains supply: DC 9-12 V, 2 A (power supply unit included).
- Dimensions (WxHxD):
  - LightON 3: 483 x 265 x 66 mm.
  - LightON 5: 718 x 265 x 66 mm.
- Weight:
  - LightON 3: 4.1 kg.
  - LightON 5: 6.5 kg.



# NEMESIS 136 DMX

## Lighting console



**NEMESIS 136 DMX IS A HYBRID LIGHTING CONSOLE (CONVENTIONAL LIGHTING + MOVING LIGHTS) WHICH IS PARTICULARLY INTERESTING FOR SMALL/MEDIUM SIZE CLUBS AND MOBILE APPLICATIONS.**

### CONTROL ANY LIGHTING FIXTURES

This lighting console features 136 DMX channels which are divided in two sections. The first section allows controlling 8 robots with up to 16 channels each. Eight channels are available in the second section for conventional lighting.

There are many ways to trigger cue lists: speed time defined by the internal memory, speed fader, MIDI interface or even audio synchronization (thanks to its internal microphone).

The ergonomic joystick is useful to get better Pan/Tilt precision. It is also very easy to get access to the recorded cues (for roots and spots) thanks to the fast access buttons. Many robots can be controlled together for maximum convenience. The current value of each parameter is available on the LCD display.

### SUITABLE FOR MOBILE APPLICATIONS

If NEMESIS 136 DMX is a relevant console for small/medium-size clubs, it is also very interesting for mobile applications.

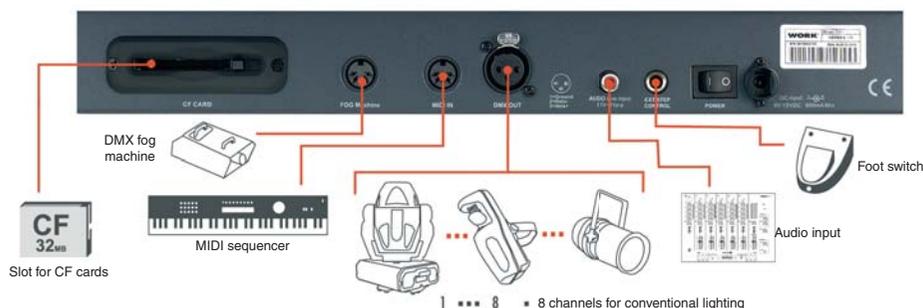
Thanks to its internal memory, it is possible to store up to 96 programmable cues for conventional lighting, 8 cue lists for robots and 6 for dimmers (up to 99 steps each). A slot for a 32 MB compact flash card is available so users can store and send data. Additionally, its reduced size and rubber shock protection ensure that the console will be perfectly protected during transport.



**JOYSTICK FOR PAN/TILT MOVEMENTS AND LCD INTERFACE**



**RUBBER SIDE PROTECTIONS FOR A SAFE USE**



## FEATURES

- Hybrid lighting console.
- 136 DMX control channels divided in two sections
- Section 1 with 124 channels to control 8 fixtures (16 channels/fixture).
- Section 2 with 8 channels for conventional lighting.
- 96 programmable cues for fixtures.
- 96 programmable cues for dimmers.
- 8 cue lists for fixtures and other 6 for spots (with 99 steps each).
- 16/8 bit resolution for PAN/TILT movements.
- Ergonomic joystick for PAN/TILT control.
- Blackout function.
- MIDI interface.
- Slot for 32 MB compact flash card.
- Connexion for external pedal and fog machine trigger.
- Memory against mains failures.
- Removable rubber shock protection.
- Mains supply: DC 9-15 V, 600 mA (power supply unit included).
- Dimensions (WxHxD): 495 x 188 x 88 mm.
- Weight: 5 kg.



**JOYSTICK FOR PAN/TILT CONTROL (8 AND 16 BITS)**



**SLOT FOR 32 MB COMPACT FLASH CARDS (PLAY&REC FUNCTIONS)**



**GRAND MASTER FOR ALL THE FIXTURES**



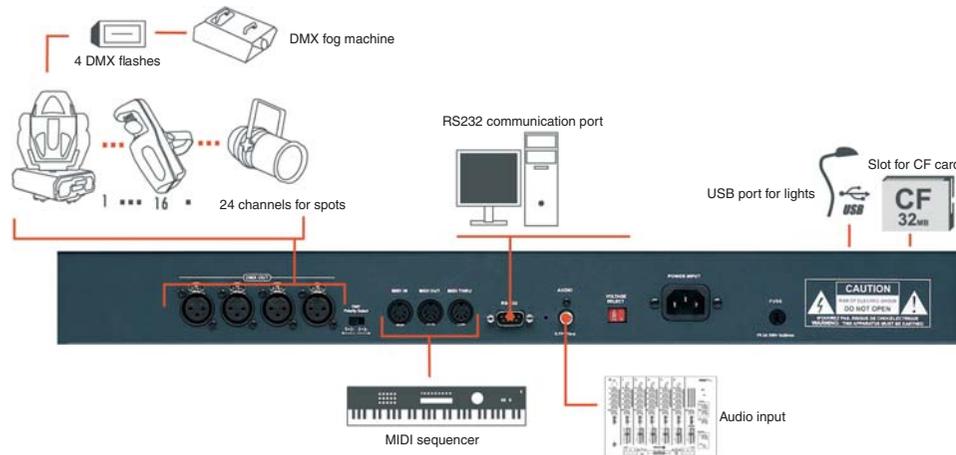
**GALAXY DMX IS A POWERFUL DMX CONSOLE COMPOSED OF THREE MAIN CONTROL PARTS: CONVENTIONAL LIGHTING, ROBOTS AND DMX STROBES / FOG MACHINES.**

**INTUITIVE INTERFACE**

The interface of Galaxy DMX has been designed to provide an intuitive control of any parameters. Two LCD displays are available to visualize the state of each fixture and for a quick access to the different menus of the console. Cue lists and libraries can be directly uploaded thanks to the RS232 port and to the slot for a 32 MB compact flash card.

**FULL CONTROL OF THE FIXTURES**

Users can manage up to 16 robots, 24 conventional lighting fixtures, 4 DMX flashes and a DMX fog machine, taking advantage of the 512 DMX channels. It is also possible to set many cue lists thanks to the internal storage capacity of the console (48 cue lists for conventional lighting, 48 for robots and other 20 for DMX flashes).



**FEATURES**

- 512 DMX channels (16 robots, 24 conventional lighting fixtures, 4 DMX flashes and a DMX fog machine).
- 48 cue lists for robots (48 cues / cue list).
- 48 cue lists for conventional lighting (48 cues / cue list).
- 20 cue lists for DMX flashes.
- Internal library configurable for 256 robots.
- Joystick for PAN/TILT movements.
- RS232 port and slot for a 32 MB compact flash card.
- MIDI interface.
- Blackout function.
- Mains supply: AC 240 /120 V. (included power supply unit).
- Dimensions: 626 x 384 x 103 mm.
- Weight: 14 kg.



**GALAXY DMX**  
DMX console



## LED PLAYER 100

DMX LED controller with built-in player/recorder



### DMX IN CONNEXION AND USB PORT

Possibility to record cue-lists of an external DMX console. USB port for PC connexion, in order to use ART 32 edition software.

## LED PLAYER 100 IS MUCH MORE THAN A DMX CONTROLLER, AS IT ALSO INTEGRATES A 512 CHANNEL INTERACTIVE DMX PLAYER/RECORDER.

### INTUITIVE DMX CONTROLLER FOR LED EFFECTS

This first-class DMX console ensures great results when it comes to manage LED fixtures. Thanks to its intuitive controls, it is very convenient to program lighting and edit the library. Users have the opportunity to control LED fixtures with direct presets for colour control, programmable chases and Strobe effects. It is also possible to edit cool and warm colour temperature.

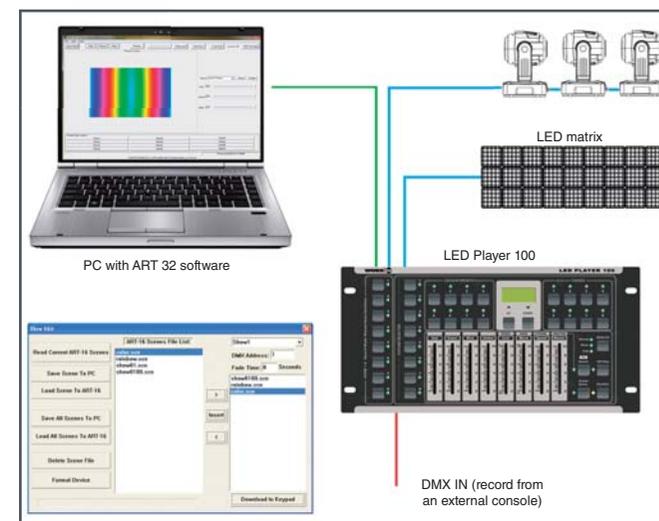
### INTERACTIVE DMX PLAYER/RECORDER

LED PLAYER 100 features 1GB internal memory and it can be connected to a PC (software included) to download preset DMX shows and program triggering. It is also possible to create colour animations (flash files), convert

them into DMX signals and launch them directly from the console. It becomes very easy to realize powerful, professional LED animations.

### LED PLAYER 100 IS ALSO A GREAT ARCHITECTURAL PLAYER.

LED PLAYER 100 has an internal clock and calendar to trigger cue lists of the internal memory. This way, users can program each show independently to start at a specific day and hour (e.g. each 25th of December at 12:00 a.m., each monday at 10:00 p.m.).



### COMPATIBLE WITH ART 32 LIGHTING SOFTWARE

LED PLAYER 100 is compatible with the software ART 32. It is useful to record shows and trigger them later. It is also possible to create flash files.



## FEATURES

- DMX controller with built-in architectural player/recorder.
- Specially dedicated to LED fixtures.
- Edition of internal libraries of LED fixtures.
- 64 colour presets, divided in 8 memory banks.
- 8 programmable chases, with up to 99 steps.
- 3 operating modes: Auto, Manual and Audio.
- Blackout function.
- Adjustable Strobe function.
- 1 GB internal memory to save up to 255 files.
- USB port for PC communication.
- Adapter (included): AC 230 V, 50Hz (input), DC 9 V, 500mA (output).
- Power input: DC9-12V, 300mA min.
- DMX In: 3PIN male XLR connector.
- DMX Out: 3PIN female XLR connector (2pcs).
- Audio input: Line input 0.1V-1Vpp.
- Dimensions (WxHxD): 147 x 310 x 62.4 mm.
- Weight: 1.6 kg.



OPTIONAL FLIGHTCASE (RACK SCAN) AND MEMORY STICK FOR BACKUP



# SCAN 1000 DMX

DMX console



## SCAN 1000 DMX IS AN INTUITIVE DMX CONSOLE DESIGNED TO CREATE CUES AND CONTROL UP TO 12 SCANNERS WITH 16 CHANNELS EACH (TOTAL 192 CHANNELS).

It is possible to program and save up to 30 banks (8 cues each) and 12 chases of 240 steps, which can be automatically programmed with parameters like speed and fade time. They are controlled by the processor speed, MIDI interface or even through audio synchronization (thanks to its internal microphone).

PAN/TILT movements can be patched to the joystick of the console in order to control robots and scanners. This joystick is removable and can be replaced by two Jog-wheels (one for each movement).

SCAN 1000 DMX has a useful USB port to transfer data, connect a LED a lamp or for the console's backup. Many consoles can also be connected together to send/receive data in DMX mode.

Thanks to the second USB port, it is now possible to convert SCAN 1000 DMX into a MIDI console.

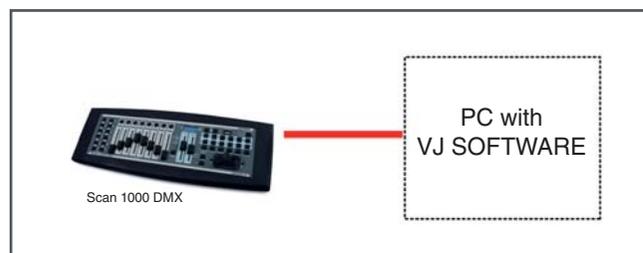
This is a great advantage for users, because they have the opportunity to manage audio/lighting/video softwares that accept MIDI control like ArKaos grand VJ, Simulight, Sunlite, Traktor, etc.



RUBBER SIDE PROTECTIONS

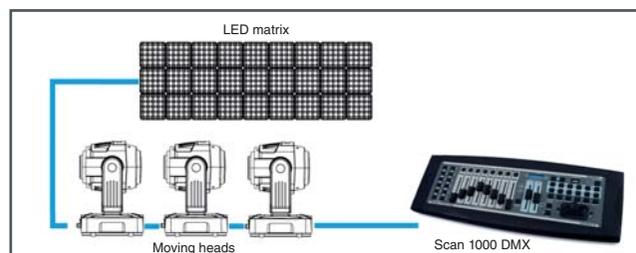


USB PORT AND FOG MACHINE CONTROL



### SCAN 1000 DMX AS A MIDI CONSOLE

It is possible to use SCAN 1000 DMX as a MIDI console, thanks to its additional USB port for PC connexion.



### SCAN 1000 DMX AS A DMX CONSOLE

Scan 1000 DMX is used as a DMX console to control several moving heads and a LED matrix.

## FEATURES

- DMX console for intelligent lighting.
- 192 DMX control channels.
- Control of 12 scanners with up to 16 channels each.
- Speed and Fade faders.
- 30 banks of memory, each one with 8 programmable cues.
- 12 programmable cue lists(240 steps each).
- Edition of PAN/TILT and Fade Time.
- MIDI control for banks, chases and blackout.
- Joystick for PAN/TILT movements.
- Connexion for external pedal and fog machine trigger.
- Internal microphone and Line connexion for audio synchronization.
- RS232 and USB port to send/receive data.
- USB ports for lamp or memory stick connexion.
- Mains supply: DC 9-15 V, 500 mA (power supply unit included).
- Dimensions (WxHxD): 483 x 82 x 135 mm.
- Weight: 2.2 kg.





# SCAN 1216 DMX

## DMX console



**SCAN 1216 DMX IS A COMPACT LIGHTING CONSOLE OF 192 DMX CONTROL CHANNELS, DESIGNED TO CONTROL UP TO 12 INTELLIGENT LIGHTING FIXTURES LIKE SCANNERS OR MOVING HEADS. TWO JOG-WHEELS ARE AVAILABLE IN ORDER TO CONTROL PAN AND TILT CHANNELS.**

16 channels are allocated to each fixture and they are divided into 2 groups of 8 channels, accessible from a simple push button. It is possible to program and save up to 30 banks (8 cue lists each) and 6 chases of 240 steps. They can be automatically programmed with parameters like speed and fade time, or functions like addition of steps, copy of scenes and scanner full programming.

Once programs have been edited and saved, they can be easily controlled using the following operating modes:

- Tap Sync, selecting the bank and scene to trigger.
- Auto (speed/fade), with simple loop of the program controlling speed and fade functions.
- Audio, thanks to the internal microphone for audio synchronization.
- MIDI, triggering scenes from the first 15 banks, 6 chases and blackout function.

The two jog-wheels patch PAN and TILT channels for an intuitive control of lighting fixtures. Both channels are reversible. It is also possible to connect two lighting consoles together and copy or exchange their respective programming banks and scenes.

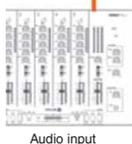
The rubber shock protection ensures that the console won't suffer any damage during transport and live shows. It can also be fixed to a 19" rack.



RUBBER SIDE PROTECTIONS



OPTIONAL FLIGHTCASE (RACK SCAN)



Audio input



MIDI sequencer



Up to 192 DMX channels



DMX smoke machine

## FEATURES

- DMX console for intelligent lighting.
- 192 DMX channels (12 robots of 16 channels).
- 30 banks of 8 programming cues.
- 6 chases of 240 steps.
- Jog-wheel for PAN/TILT functions (reversible).
- Data exchange (bank/scenes) between consoles.
- Operating modes: Tap sync, Auto (speed/fade), Audio and Midi.
- Blackout function.
- DMX polarity selector.
- Push button for fog machine trigger.
- Memory against current failures.
- Mains supply: DC 9-12 V, 300 mA (power supply unit included).
- Dimensions (WxHxD): 483 x 132 x 73 mm.
- Weight: 2.5 kg.



RUBBER SIDE PROTECTIONS



## SCAN 812 DMX

DMX console



OPTIONAL FLIGHTCASE (RACK SCAN)

### SCAN 812 DMX IS A COMPACT LIGHTING CONSOLE OF 192 DMX CHANNELS, DESIGNED TO CONTROL UP TO 12 INTELLIGENT LIGHTING FIXTURES LIKE SCANNERS OR MOVING HEADS.

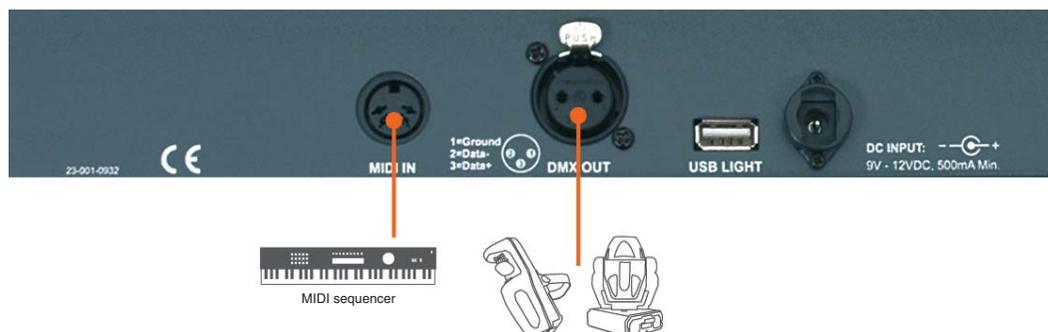
16 channels are allocated to each fixture and they are divided into 2 groups of 8 channels, accessible for a simple push button. It is possible to program and save up to 30 banks (8 cue lists each) and 6 chases of 240 steps. They can be automatically programmed with parameters like speed and fade time, or functions like addition of steps, copy of cues and the scanner full programming.

It is possible to connect two lighting consoles together and copy or exchange their respective programming banks and cues.

The rubber shock protection ensures that the console won't suffer any damage during transport and live shows. It can also be fixed to a 19" rack.

Once programs have been edited and saved, they can be easily controlled with the following operating modes:

- Tap Sync, selecting the bank and cue to trigger.
- Auto (speed/fade), with simple loop of the program controlling speed and fade functions.
- Audio, thanks to the internal microphone for audio synchronization.
- MIDI, triggering cues from the first 15 banks, 6 chases and blackout function.



### FEATURES

- DMX console for intelligent lighting.
- 192 DMX channels (12 robots of 16 channels).
- 30 banks of 8 cue lists.
- 6 chases of 240 steps.
- Data exchange (bank/cues) between consoles.
- Operating modes: Tap sync, Auto (speed/fade), Audio and Midi.
- Blackout function.
- Memory against current failures.
- Mains supply: DC 9-12 V, 300 mA (included power supply unit).
- Dimensions (WxHxD): 483 x 132 x 73 mm.
- Weight: 2.5 kg.



# SCANPLAYER II DMX

## DMX console



### AVAILABLE CONTROLS

Controls are available for channels and for the selection of pages, cues and operating modes.



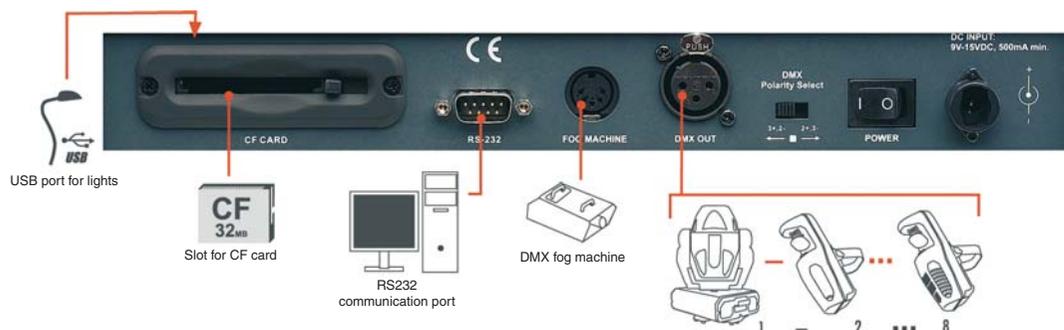
### INTERFACE OF THE CONSOLE TO CREATE AND EDIT CUES

**SCANPLAYER II DMX IS A COMPACT DMX CONSOLE DESIGNED FOR INTELLIGENT LIGHTING FIXTURES. IT FEATURES 64 DMX CHANNELS TO CONTROL 8 ROBOTS OF 8 CHANNELS EACH.**

It is possible to patch Pan and Tilt functions to the ergonomic joystick. Control of both functions is more convenient and it gives users the opportunity to control other channels with the faders.

The interface of SCANPLAYER II DMX has direct access buttons to each robot and let user control a full range of parameters, like fade time, speed or Tap Sync (chase is executed using manual pulse). Up to 96 scenes and 4 programs can be recorded.

Thanks to the RS232 port communication and the slot for flash card, it is possible to transfer data to other consoles and update the internal software.



## FEATURES

- DMX console for intelligent lighting.
- 64 DMX channels (8 robots of 8 channels).
- 96 programming cues and 4 cue lists.
- 16/8 bits resolution for PAN/TILT.
- Fade time, speed and Tap Sync operating modes.
- Blackout function.
- Connexion for fog machine trigger.
- Slot for a 32 MB compact flash card.
- RS232 port communication.
- Memory against current failures.
- Mains supply: DC 9-15 V, 500 mA (power supply unit included).
- Dimensions (WxHxD): 360 x 193 x 74 mm.
- Weight: 2.2 kg.



FOG MACHINE CONTROL



REVERSE A AND B MASTERS



OPTIONAL FLIGHTCASE  
(RACK STAGE 15)



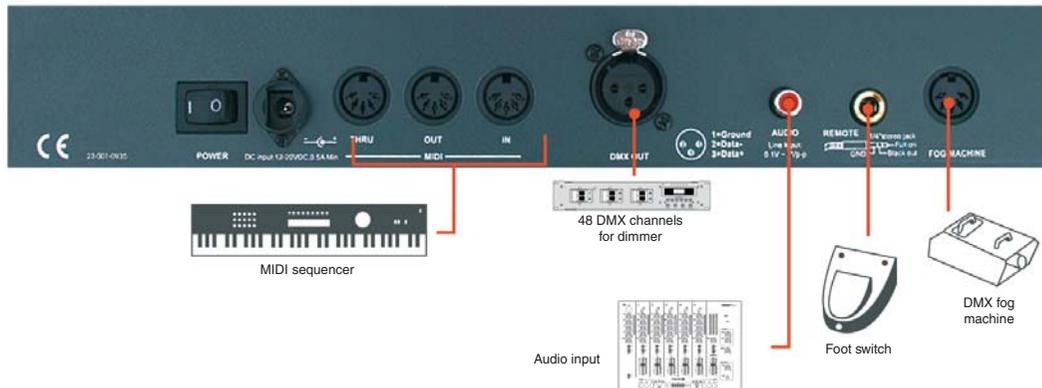
STAGE 4824 DMX is a DMX console for conventional lighting, specifically designed for applications like theatres, studios and stages. It features 48 DMX channels that can be divided (2x24) to create two different groups and switch them with a crossfader movement.

The internal memory allows recording 96 cue lists (up to 4.600 cues) to store configuration and fit different kind of events. Cue lists, cues and chases of the internal memory can be edited at the same time and independently, providing many effects even with a small memory database. It is also possible to remotely trigger a cue list thanks to the MIDI operating mode.

STAGE 4824 DMX has a memory to protect itself from current failures and maintain the position of the show at anytime. A password avoids any undesired external manipulations.

## FEATURES

- DMX console for conventional lighting.
- 48 DMX control channels.
- Possibility to divide channels into 2 groups.
- 96 cue lists (4 pages of 24 cue lists).
- 12 factory preset cue lists.
- DMX address patchable for all channels.
- Flash switches for all channels.
- Fade time control (from 0 to 10 min).
- Operating modes: Tap sync, Auto (speed/fade), Audio and Midi.
- Connexion for external foot switch and fog machine trigger.
- Password to avoid any undesired external manipulations.
- Memory to protect the console from current failures.
- Mains supply: DC 12-20 V, 500 mA (power supply unit included).
- Dimensions (WxHxD): 712 x 111 x 85 mm.
- Weight: 7.2 kg.



# STAGE 4824 DMX

## DMX console



# STAGE 2412 DMX

## DMX console



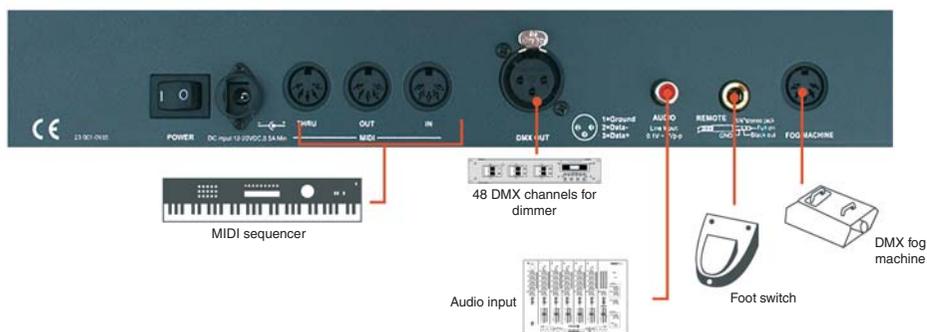
STAGE 2412 DMX is a DMX console for conventional lighting, specifically designed for applications like theatres, studios and stages.

It features 24 DMX channels that can be divided (2x12) to create two different groups and switch them with a crossfader movement.

The internal memory allows recording 96 cue lists (up to 4.600 cues) to store configuration and fit different kind of events. Cue lists, cues and chases of the internal memory can be edited at the same time and independently, providing many effects even with a small memory database. It is also possible to remotely trigger a cue list thanks to the MIDI operating mode.

STAGE 2412 DMX has a memory to protect itself from current failures and maintain the position of the show at anytime. A password avoids any undesired external manipulations.

Additionally, its rubber shock protection guarantees that the console will not suffer any damage during transport and live shows.



OPTIONAL FLIGHTCASE  
(RACK STAGE 10)



REVERSE A AND B MASTERS



FOG MACHINE CONTROL



RUBBER SIDE PROTECTIONS

## FEATURES

- DMX console for conventional lighting.
- 24 DMX control channels.
- Possibility to divide channels into 2 groups.
- 96 cue lists (4 pages of 24 cue lists).
- 12 factory preset cue lists.
- DMX address patchable for all channels.
- Flash switches for all channels.
- Fade time control (from 0 to 10 min).
- Operating modes: Tap sync, Auto (speed/fade), Audio and Midi.
- Connexion for external foot switch and fog machine trigger.
- Password to avoid any undesired external manipulations.
- Memory to protect the console from current failures.
- Mains supply: DC 12-20 V, 500 mA (power supply unit included).
- Dimensions (WxHxD): 530 x 330 x 120 mm.
- Weight: 4.3 kg.



OPTIONAL FLIGHTCASE  
(RACK STAGE 10)



## STAGE 1624 DMX

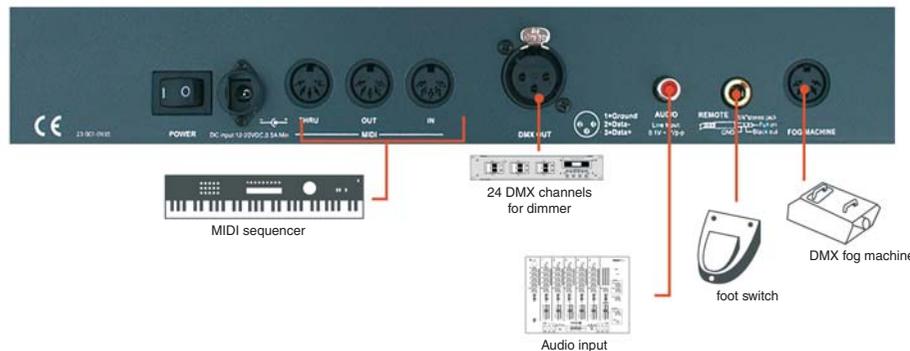
DMX console

STAGE 1624 DMX is a DMX console for conventional lighting that features 16 control channels. It provides eight factory preset cue lists and allows to set up to 16 other cue lists. They can be faded to "0", just by pushing the button of a new cue list.

STAGE 1624 DMX stands out for its intuitive interface, with direct access buttons to each cue list. Each channel has a flash switch to turn it on and to control it manually. Cue lists can be triggered using functions like Tap sync, Auto (speed/fade), Audio and Midi.

Thanks to the LCD display, users get access to real time information about the current channel and values in percentage and absolute values (0-255).

The console can also be connected to a remote control unit to manage functions (switch on/off) with maximum convenience.



### FEATURES

- DMX console for conventional lighting.
- 16 DMX control channels.
- Possibility to divide channels into 2 groups.
- 24 cue lists (16 programmable + 8 factory preset cue lists).
- DMX address patchable for all channels.
- Flash switches for all channels.
- Fade time control (from 0 to 10 min).
- Operating modes: Tap sync, Auto (speed/fade), Audio and Midi.
- Connexion for external foot switch and fog machine trigger.
- Connexion for external remote control (switch on/off functions).
- Password to avoid any undesired external manipulations.
- Memory to protect the failures.
- Mains supply: DC 12-20 V, 500 mA (power supply unit included).
- Dimensions (WxHxD): 483 x 222 x 85 mm.
- Weight: 4.4 kg.

## L 16 DMX DMX console



This DMX console features 16 faders and a programmable DMX start address channel. It is very useful for test purposes and for simple applications.

L 16 DMX has a Master fader which controls maximum values of all the channels. Its LCD display shows current channel value in percentage or absolute values (0-255), depending on the configuration of the MODE function.

### FEATURES

- DMX console for conventional lighting.
- 16 DMX control channels.
- Programmable DMX start address channel.
- Visualization on display of current channel value in percentage or absolute values (0-255).
- Mains supply: DC 9 V, 100 mA (power supply unit included).
- Dimensions (WxHxD): 483 x 132 x 80 mm.
- Weight: 2.3 kg.

## L 6 DMX DMX console



DC 9 V BATTERY INPUT  
(BATTERY NOT INCLUDED)



This lighting console features 6 DMX channels and Master control. It works with an external power supply unit or with a 9 V DC battery. Thanks to its compact design and mobility, it is a useful tool for testing purposes.

Short cue lists can be edited without having to use most sophisticated lighting consoles. It can also be used as a classic mixer.

### FEATURES

- DMX console for conventional lighting.
- 6 DMX control channels.
- Mains supply: DC 9 V, 100 mA (power supply unit included) or DC 9 V battery (not included).
- Dimensions (WxHxD): 153 x 173 x 55 mm.
- Weight: 0.8 kg.

## STAGE 16 DMX DMX console



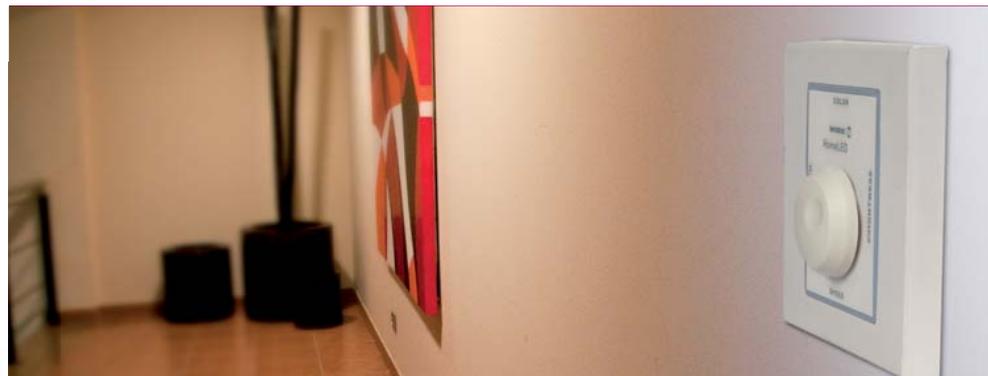
This compact console for conventional lighting is ideal for small stages and mobile shows. Its internal memory includes 30 factory preset cue lists and other 30 cue lists that can be edited by users. Each channel has a flash power switch for manual mode.

STAGE 16 DMX has many modes, like Loop function for cue selection and continuous triggering. Cross function plays scenes using minimum and maximum values of Master fader. It is possible to trigger cues using most common operating modes: Tap sync, Auto (speed), Audio and Midi.

Users can connect the lighting console to a remote control and switch off/on functions. All these functions are also available on keyboard.

### FEATURES

- DMX console for conventional lighting.
- 16 DMX control channels.
- 30 factory preset cues + 30 cues (99 cues per cue list).
- Operating modes: Tap sync, Auto (speed), Audio and Midi.
- Flash switches for all channels.
- DMX polarity selector.
- Memory to protect the console from current failures.
- Mains supply: DC 12-20 V, 500 mA (power supply unit included).
- Dimensions (WxHxD): 320 x 180 x 75 mm.
- Weight: 2.3 kg.



## HOMELED

### DMX wall-mount controller



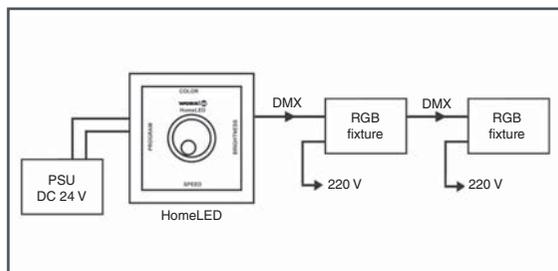
HomeLED is a 3 channel DMX controller specially designed for RGB LED fixtures in fixed installations. It is very intuitive to use and thanks to its elegant, wall-mount design, it is perfect for lighting installations in halls, pubs, shops or houses.

HomeLED features an encoder with push button to control the overall lighting installation. Two operating modes are available: Colour (selection of static colour and intensity) and Program (brightness and speed control over the 10 internal programs).

The four LEDs at the sides of the wheel show parameters and functions (colour, brightness, speed and program). LED light intensity changes to indicate their current value.

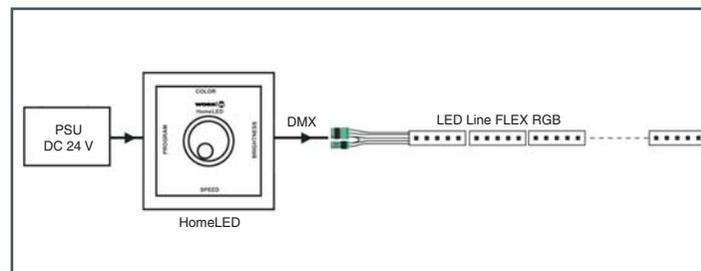
### FEATURES

- 3 channel DMX controller.
- Designed for RGB LED fixtures in fixed installations.
- 6A dimmer (2A per channel).
- Intuitive use, thanks to the main encoder.
- Two operating mode available: colour and Program
- Elegant, wall-mount design.



#### CONNEXION EXAMPLE 1

HomeLED as a 3 DMX channel controller.



#### CONNEXION EXAMPLE 2

HomeLED directly controls LED strips (Master/Slave).

Technical data	HomeLED
Main supply:	DC 12-24 V, 6A max.
DMX channels:	3 channels.
Factory preset programs:	10 programs.
Operating mode:	Auto-manual (colour, brightness, speed).
Housing:	Polycarbonate.
Dimensions (WxHxD):	86 x 86 x 45 mm.
Weight:	100 g.



## CONTROL ONE

DMX wall-mount controller



Control ONE is an intuitive wall-mount DMX controller that works as a fader sending one DMX channel. It can be used as a DMX controller for any LED fixture.

Its elegant design is perfect to easily blend in with the decor of almost any installations.

### FEATURES

- Intuitive wall-mount DMX controller.
- One DMX channel.
- Configuration of DMX channel and fade time by DIP switch.
- External supply.

Technical data	Control ONE
Main supply:	DC 12-24 V.
Connexion:	Terminals.
Housing:	Polycarbonate.
Control :	1 DMX channel.
Operating temperature:	-10° + 50°C.
Dimensions (WxHxD):	86 x 86 x 45 mm.
Weight:	200 g.



## DIM ONE MK II

Single channel dimmer



Dim ONE MK II is a single channel dimmer (10 A) with 2.200 W power. It is configurable by means of DIP-switches and it easily integrates itself in a DMX network. Thanks to its built-in fader, it is possible to control it independently. It also features a DMX input with two additional pins to supply a remote control.

### FEATURES

- Single channel dimmer (10 A) with 2.200 W power.
- Controlled by any DMX controller.
- Configuration of DMX channel by DIP switch.
- 2 additional pins to supply a remote control.
- Easy to hide thanks to its compact size.

Technical data	Din ONE MK II
Maximum load:	10 A.
Protocol:	DMX input and output.
DMX INPUT/THRU:	4 pin terminals (Standard DMX 512 signal).
Fuse:	F10A 250V, 5X20mm.
Start channel :	Configurable by DIP switch.
Main supply:	AC 230 V 50 Hz.
Dimensions (WxHxD):	195 x 125 x 47.5 mm.
Weight:	1.1 kg.



# WD 2012 DMX

## 12 channel modular dimmer



### THIS 12 CHANNEL MODULAR DIMMER FEATURES A 32 BIT CPU SOFTWARE. ITS LARGE LCD DISPLAY SHOWS GRAPHICS AND OPTIONS FOR AN INTUITIVE USE.

Thanks to rear connectors, WD 2012 DMX supports DMX, MIDI and Analog signals. It is possible to control the DMX address of each channel, as well as response curve, output limit, preheat level and load check.

The internal memory of the dimmer allows to store up to 12 configurations, using parameters like execution speed and fade in/out time. Thanks to the encoder and buttons, it is very easy to get access to these functions. The Master/Slave mode configuration increases the number of units that can be connected to the dimmer.

In terms of safety and security, WD 2012 DMX features high voltage alarm, electronic fuse, load check and overheat detection system. It is possible to block the dimmer to prevent any undesired handling.

Its modular structure allows a fast and convenient substitution of channel power units, independently of each other and without having to disassemble the unit.

### FEATURES

- 12 output channels.
- 10 A per channel (total: 120 A mono-phase / 40 A three-phase).
- Inputs: DMX, MIDI, Analog (0-10 V).
- Dimensions (WxHxD): 483 x 178 x 436 mm.
- Weight: 31 kg.



POWER MODULES ARE INTERCHANGEABLE



## D 66 K3

### Digital dimmer



**D 66 K3 IS THE MOST POWERFUL DIGITAL DIMMER OF WORK, WITH 12 CHANNELS OF 25 A BUILT IN A COMPACT 3 RACK UNIT SIZE. THIS PERFECT TOOL FOR FIXED INSTALLATIONS AND TOURING APPLICATIONS PROVIDES RELIABILITY, POWER AND FLEXIBILITY.**

Double circuit breakers (1P+N) ensure electrical safety in case of short-circuits and electrical overload, cutting both phase and neutral conductors. Double fan forced cooling system provides uniform cooling, adequate with dimmer's power.

This dimmer has been designed with robust power components, paying special attention to internal electrical wiring which has been reinforced to protect the dimmer from voltage drops, noise and unnecessary warming.

Electronic components are controlled by a microprocessor to maintain a precise regulation, even in case of frequency variations, voltage drops and noise in the network.

D 66 K3 is very easy to use, thanks to its useful LCD display and quick access to the main functions of the menu.

## PROTECTIONS

- **Double thermal circuit breaker (1P+N)** for electrical safety in case of short-circuits and electrical overload, cutting both phase and neutral conductors.
- **Double fan forced cooling system** (2 fans of 120 mm), with automatic operating mode to reduce temperature to prefixed value.
- **Slow start with starting flange** of 4 seconds to prevent from current peaks.
- **Power frequency auto-adjustment** between 47 and 63 Hz (according to power input requirements) to do not affect the response curve. Associated with the Zero Crossing Detector (ZCD) for stable output levels.
- **Synchronization with microprocessor marks zero crossing points**, detects and filters spurious frequencies produced in the power supply.
- **Programmable protection**: configuration of each output with a maximum level to avoid sudden level variations that can affect load (a 95% output level is efficient and almost undetectable).
- **0-100% duty cycle**: internal filter and detection circuitry to eliminate parasite noise and use the full cycle during zero crossing process.



**ANALOG SIGNAL INPUT**  
(DC 0-10 V)



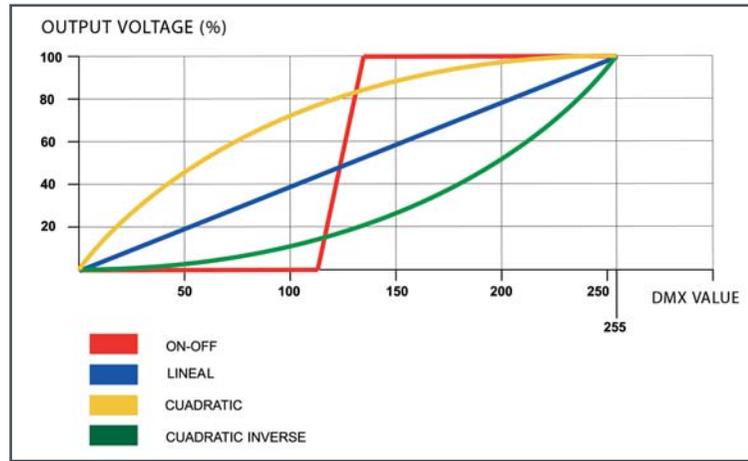
**RACK MOUNT KIT AND HANDLES**



**DMX IN/OUT INTERFACE (XLR3-5 MALE/FEMALE)**



INTERNAL ELECTRONICS AND MECHANISM



SUPPORTED OUTPUT CURVES

Four output curves are available: ON-OFF, Linear, Quadratic and Quadratic inverse.

## FRONT PANEL INTERFACE

The front panel interface is composed of an LCD display and three main buttons to edit the following parameters:

- Preheat level.
- Response time.
- Initial DMX channel.
- Response curve.
- Languages (Spanish, English, German and French).

It is possible to create 3 programs (up to 64 chases each) and edit time between chases and pauses.

Additionally, you can visualize channel level (percentage) on the LCD display to check analog and DMX input.

## FEATURES

- 12 channel digital dimmer.
- DMX 512 and analog signal input (DC 0-10 V), possibility to operate with both signal types simultaneously.
- Load capacity: 25 A per channel. Total 55 kW (single-phase) /18 kW (three-phase).
- Individual DMX address and patchable response curve for each input channel (linear, quadratic, quadratic inverse, on/off).
- Preheat level on each channel.
- DMX buffer against connexions fails.
- 2 pole circuit breaker (1P+N) for each channel.
- Auto-adjustment of power frequency between 47 and 63 Hz.
- Synchronization with microprocessor to detect and filter spurious frequencies produced in the power supply.
- Slow start with 4 second starting flange from current peaks.
- Memory: 3 cue lists (64 cue each).
- Lateral fixation accessories and handles.
- LED indicators for output levels of each channel, DMX signal detection and error detection.



Technical data	D 66 K3
Main supply:	Single-phase AC 230-240 V / Three-phase (3P/N/E) AC 380 V.
Main supply frequency:	47 – 63 Hz.
Output power:	Single-phase 18 kW / Three-phase 55 kW.
Output current:	25 A per channel.
Load type:	Resistive and inductive (no more than 15% of nominal load if it is inductive).
Signal connector:	
DMX In:	XLR3 pin and male XLR5 pin.
DMX Thru:	XLR3 pin and female XLR5 pin.
Analog in:	Sub-D (15 pin).
Main supply connector:	Terminals (L+N+E).
Output channel connector:	Terminals (L+N+E) x 12.
Dimensions (WxHxD):	483 x 132 x 412 mm. (3 19" HU rack).
Weight:	25 kg.



## D 40 K3 Digital dimmer



This high performance dimmer supports DMX and Analog signals, featuring 12 channels of 16 A. It stands out for its internal electronic and bi-pole magneto-thermal circuit breakers, as well as the double schukos per channel on rear panel.

Three cue lists are available (64 chases each) to realize sequences and edit speed and channel intensity. Thanks to its advanced software, it is possible to patch each channel in an independent DMX address and edit parameters like pre-heat time, response curve, language, etc.

D 40 K3 supports analog signals, that is why it is compatible with 0-10V output controllers. They can be controlled without lighting controller, using the menu and trigger buttons of each channel.

Power circuit has been reinforced and now includes powerful TRIACS for optimum performances. The rear panel has been designed to provide maximum versatility, with 24 schukos (2 per output). It also features connectors (3 Pins or 5 Pins) for DMX inputs and outputs, as well as a D-sub 15 connector for analog input.

### FEATURES

- 12 output channels.
- Two bi-polar magneto-thermal circuit breakers.
- DMX 512 and analog (DC 0-10 V) signal input, possibility to operate with both signal types simultaneously.
- LED indicators for output levels of each channel.
- Temperature controlled by microprocessor.
- Programmable protection: edition of each output with a maximum level to protect from level variations that can affect the load.
- 16x2 character LCD display.
- Supported response curves: linear, quadratic, quadratic inverse, on/off.
- Preheat level on each channel.
- Slow start of lamps (4 sec.) to switch on dimmer at full load.
- Single-phase or three-phase mode (emergency operating mode in a unique phase).
- Power frequency auto-adjustment between 47 and 63 Hz.
- 0-100% duty cycle.
- 25 A TRIACS.
- Control interface: Spanish, English, German and French.



Technical data	D 40 K3
Output channels:	12.
Output current:	15 A per channel.
DMX input:	XLR3 and XLR5.
Dimensions (WxHxD):	483 x 183.2 x 412 mm.
Weight:	18 kg.



## TOURDIM 48

### 48 channel modular dimmer

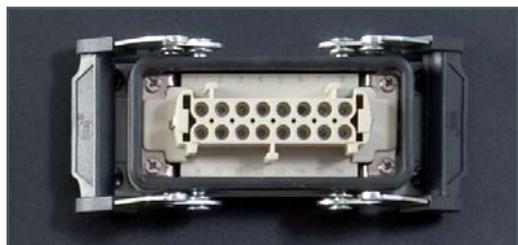
This modular dimmer (based on the D 66 K3 model) has been designed for almost any touring applications and rental companies. It is composed of four dimmers D 66 K3 and features 48 channels of 16 A with independent circuit breakers. Each dimmer has its own circuit breaker for residual current.

The rear panel of TourDIM 48 includes the channels outputs (with 16 pin multi-connector), input/output connectors for DMX signal and 400 A powerlock connectors for supply. It is possible to patch each channel as well as response curve. All the cables are included and already connected to provide a powerful rack of dimmers ready to use.

The overall system is built in a shock absorber, reinforced, 20 HU rack unit with multi-punched lateral panels for cooling and four wheels (two of them with locking castors) for an easy transport.

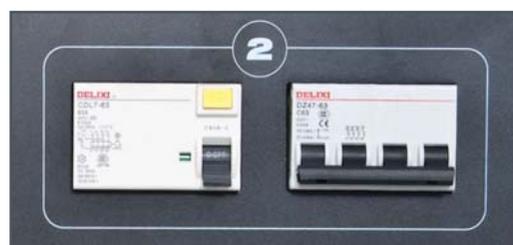
### FEATURES

- 20 HU rack composed of 4 blocks of 12 channels.
- Each block of 12 channels has its own circuit breaker for residual current.
- 48 channels of 16 A with independent circuit breakers (1P+N).
- Powerlock connector of 400 A for supply.
- 16 pin multi-connector for output channels
- XLR5 Pin connector (bypass) on rear panel for inputs and outputs.
- Cooling system on the sides of the flightcase.
- LED indicators for the output level of each channel.
- 16x2 character LCD display.
- Supported response curves: linear, quadratic, quadratic inverse, On/Off.
- Preheat level on each channel.
- Slow start of lamps (4 seconds) to switch on dimmer at full load.
- Power frequency auto-adjustment between 47 and 63 Hz.
- 41 A TRIACS.
- Control interface: Spanish, English, German and French.



**16 PIN HARTING CONNECTORS**

16 pin harting connector available for each 6 dimmer channels



**RESIDUAL CURRENT DEVICE (RCD) /  
4 POLE CIRCUIT BREAKERS FOR EACH DIMMER**



**400 A POWERLOCK INPUT CONNECTORS**



# UNIDIM 1 DUODIM

Digital dimmers

UNIDIM 1 and DUODIM are ultra-compact DMX dimmers that respectively feature one and two channels, with a maximum load of 10 A per channel. They can also be used as a driver to remotely switch lighting effects like scanner or moving head that do not have any assigned DMX channel. Thanks to their compact size and chassis design, they can be easily mounted on DIN rails or trusses.

Parameters like DMX address channel or dimmer maximum level are very easy to set up. It is also easy to switch between dimmer mode and chaser mode (called Switch mode). The intensity of each channel can be edited using the dimmer mode. All the functions are shown on the display for maximum convenience. They are compatible with switch devices like footswitches, and with connexion panels when they work as drivers. They also feature schuko connectors with protection lid for power output.



INTERNAL RAIL FOR CLAMP FASTENER



CONTROL PANEL WITH DISPLAY



LOCAL DIM CONTROL FOR UNIDIM 1 AND DUODIM



SUPPORT RING AVAILABLE ON BOTH MODELS

Technical data	UniDIM 1	DuoDIM
Main supply:	AC 230 V, 50 Hz.	AC 230 V, 50 Hz.
Max. total current:	10 A.	10 A per channel.
Number of channels:	1.	2.
Output connexion:	1 schuko connector with protection lid.	2 schuko connectors with protection lid.
DMX output:	XLR3 pin.	XLR3 pin.
DMX input:	XLR3 pin.	XLR3 pin.
Dimensions (WxHxD):	200 x 82 x 67 mm.	300 x 82 x 67 mm.
Weight:	1.1 kg.	2.72 kg.



# WD 616 KMT

Digital dimmer

This versatile and functional dimmer features 6 channels of 16 A built in a compact 2 rack unit size. It is compatible with DMX 512 signals and has a three-phase supply. It matches almost any user needs and provides effective lighting intensity control.

DIP switches are available on front panel to patch DMX start channel address. Each channel can be controlled independently from the others, with a LED indicator for output level and for DMX signal presence. It additionally features an efficient preheat control for all channels (up to 50% output level) to protect lighting fixtures.

## FEATURES

- 6 channel DMX dimmer.
- Input signal: 512 DMX.
- Load capacity: 16A per channel. Total 22 kW (single-phase) or 7.4 kW (three phase mode).
- DMX start channel address patchable by DIP switch.
- Individual slide dimmer control switches.
- 20A circuit breaker for each channel.
- LED indicators for each channel output level and for DMX signal presence.

Technical data	WD 616D KMT
Main supply:	
Single-phase:	AC 230/240 V.
Three-phase (3P/N/E):	AC 380 V.
Output power:	single-phase 7.4 kW / three-phase 22 kW.
Output current:	16 A per channel.
Load type:	Resistive and inductive (no more than 15% of nominal load if it is inductive).
Signal connector:	
DMX In:	XLR3 pin and male XLR5 pin.
DMX Thru:	XLR3 pin and female XLR5 pin.
Main supply connector:	Terminals (L+N+E).
Output channel connector:	Terminals (L+N+E) x 6.
Dimensions (WxHxD):	483 x 88 x 381 mm. (2 HU rack 19").
Weight:	8.38 kg.





RUBBER SIDE PROTECTIONS FOR A SAFE USE



OPTIONAL FLIGHTCASE (RACK SCAN)



## DMX PLAYER 5 IS AN ADVANCED DMX PLAYER/RECORDER WITH 256 CHANNELS.

Thanks to the direct access on control panel, users can easily access the internal memory and trigger chases, scenes and shows.

DMX PLAYER 5 let users store up to 24 banks of 40 cues (total: 960), 40 Chases with up to 99 steps and 8 cue lists with up to 99 cues. This is very convenient for users who just want to trigger shows and who do not necessarily have programming knowledges. A lighting programmer can edit many scenes and end user will only have to click to trigger them.

## FEATURES

- DMX Player/recorder.
- 256 DMX channels + 40 additional switch channels (On/Off).
- 24 banks of 40 programmable cues.
- Each cue is composed of 256 DMX channels with fade time.
- 40 chases with up to 99 steps.
- 8 cue lists with up to 99 cues (each cue with independent speed and fade time).
- Possibility to transfer data between two units.
- Master blackout function.
- DMX polarity selector.
- Internal microphone for audio synchronization.
- Units can be linked in Master/slave mode.
- Memory against power supply failure.
- Mains supply: DC 9 V, 500 mA min (power supply unit included).
- Dimensions (WxHxD): 483 x 132 x 73 mm.
- Weight : 2.2 kg.



# DMX PLAYER 5

## DMX Player/recorder



## DMX AIR MK II

### DMX wireless system



DMX AIR MK II (FRONT PANEL)

**DMX AIR MK II IS A WIRELESS SYSTEM WHICH SENDS FRAMES OF ONE DMX UNIVERSE BETWEEN TWO POINTS. EACH UNIT IS A TRANSMITTER (WITH INPUT/OUTPUT CONNEXION) AND A RECEIVER AT THE SAME TIME.**

The system operates on the 2.4 GHz band to provide optimum point-to-point connectivity between transmitter and receiver. There are several ways to use it:

- One unit can send DMX frames to another.
- One unit can send DMX frames to several units (at the same time).
- Up to 10 units can send their own DMX data to their respective receiver (10 DMX AIR MK II allowing 10 DMX universes).

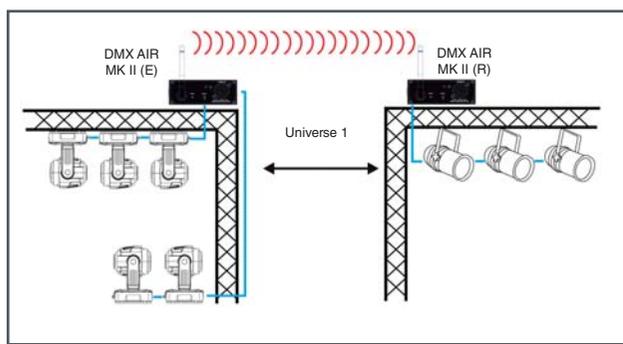
DMX AIR MK II is very interesting to control large-size lighting installations because it is possible to send up to 10 DMX universes. It becomes easy to control fixtures from a remote point, even when if users work with several universes.

The wide emission range (350 m without obstacle, 70 with obstacles and no direct vision between transmitter and receiver) ensures the high integrity of transmitted signals, even in areas with many active wireless networks.

Synchronization between transmitter and receiver is very easy because users only have to press the key of each unit. They are powered directly through the Neutrik® PowerCon using the included cable. Additionally, it is possible to install them on a truss thanks to their lateral fixation points.

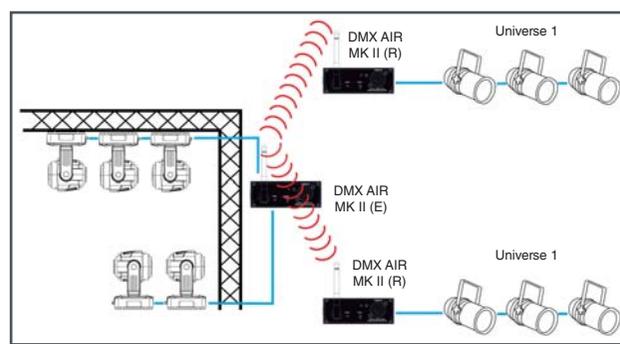
## FEATURES

- Wireless DMX system where each unit is a transmitter or a receiver, depending on its configuration.
- Operating on the 2.4 GHz band.
- One transmitter can send a signal to several receivers.
- A same network can include several DMX AIR MK II systems to control several universes.
- Range of emission: 70 m with obstacles, 350 m open field.
- Mains supply: cable with Neutrik® PowerCon connector (2 m included).
- Lateral insertion for truss fixation.
- Dimensions: 110 x 111 x 40 mm.
- Weight: 0.36 kg.



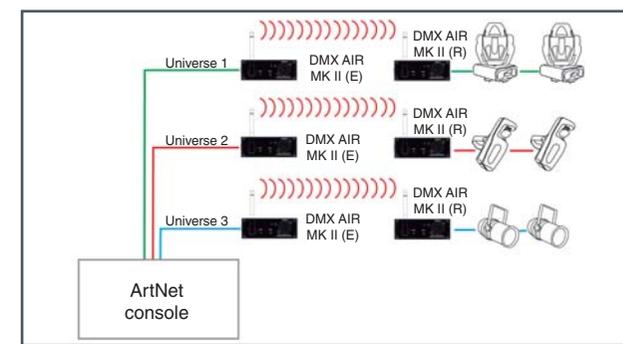
### CONNEXION EXAMPLE 1

Connexion point to point to send a DMX frame (1 universe) to another stage.



### CONNEXION EXAMPLE 2

A DMX frame (1 universe) is sent to two different stages that receive the same channel information.



### CONNEXION EXAMPLE 3

Connexion point to point to send 3 independent DMX frames (1 universe each).



## LM 2 MK II

### Bidirectional DMX/USB interface



This compact tool is a bidirectional DMX/USB interface (DMX input/output interface). You can use it:

- As a 'USB to DMX interface' to control a full 512 channel lighting system from a unique computer.
- As a 'DMX to USB interface' so DMX signal can control the computer and interact with the software.

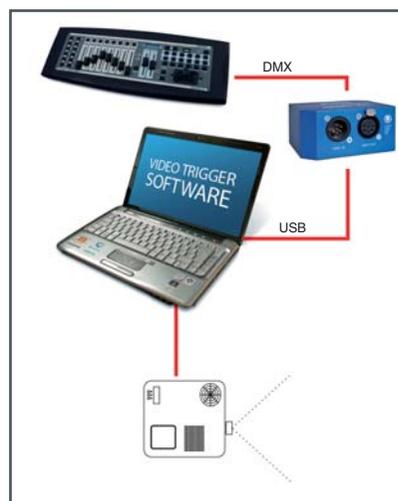
LM 2 MK II is a very interesting tool for lighting designers. It is especially appropriate for mobile use due to its intuitive use, small size and strong metal box.

Many configurations are possible in order to adapt LM 2 MK II to user needs. The two connexion schemes show how it can be used as a DMX output or a DMX input (with a Media server).



#### LM 2 MKII AS A DMX OUTPUT

LM 2 MK II is connected to a PC via USB. It is used as a DMX output in order to connect moving heads and dimmers that are controlled from a software of the PC.



#### LM 2 MKII AS A MEDIA SERVER

LM 2 MK II can also be used as a USB output to connect a DMX console and a computer (running a software like ArKaos) together.

### FEATURES

- Bidirectional DMX/USB interface.
- Controls up to 512 DMX channels.
- 1500 V full isolation (data & power lines to protect your computer from surges).
- USB port compatible with USB 1.1 or 2.0.
- USB cable and CD drivers for Windows, OSX and Linux.
- Mains supply: 300 mA. (via USB).
- Dimensions (WxHxD): 86.3 x 42 x 67 mm.
- Weight: 300 g.



# LM 3E

## DMX to Ethernet converter / ArtNet server



**LM 3E FRONT PANEL**  
It features LAN connexion, universe and Bubnet selector and LED light indicators for DMX signal and Ethernet.



**LM 3E REAR PANEL**  
DMX output (5 pin).

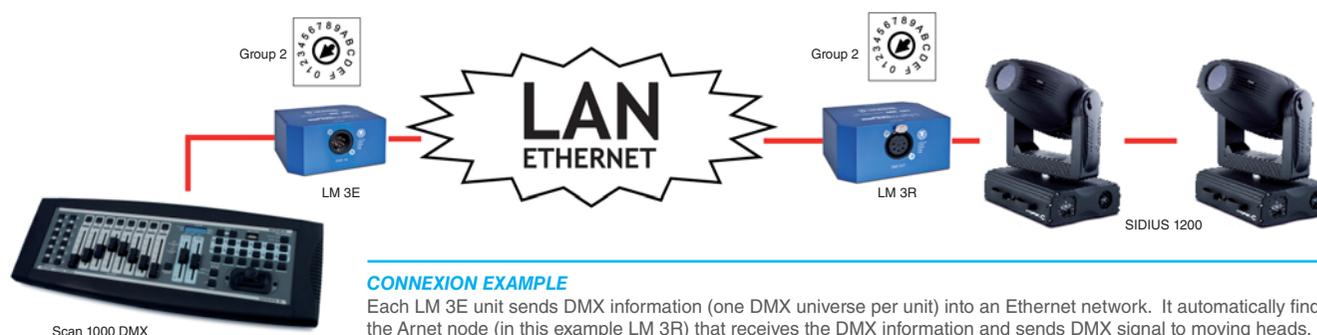
LM 3E is a DMX to Ethernet (ArtNet) converter that sends DMX into an existing Ethernet network using ArtNet protocol. No configuration is required, because it has been preset to be automatically integrated in Ethernet networks and find the ArtNet node. However, a web server application is also available if it is necessary to edit the IP address.

Thanks to the universe selector, many LM 3E units can be placed into a same network to transport many DMX universes at the same time. In other words, a same Ethernet network allows several DMX networks.

This is a relevant solution for consoles with more than one DMX universe, or if there are many DMX controllers.

### FEATURES

- DMX emitter using ArtNet protocol.
- Sends DMX into an existing Ethernet network.
- Universe selector to use several LM 3E units in a same network.
- Possibility to edit the IP address.
- Suitable with LM 3R and LM 3R2 units.
- Dimensions (WxHxD): 86.3 x 42 x 67 mm.



#### CONNEXION EXAMPLE

Each LM 3E unit sends DMX information (one DMX universe per unit) into an Ethernet network. It automatically finds the Arnet node (in this example LM 3R) that receives the DMX information and sends DMX signal to moving heads.



#### LM 3R FRONT PANEL

It features LAN connexion, universe and Sub-net selector and LED light indicators for DMX signal and Ethernet.



#### LM 3R REAR PANEL

DMX output (5 pin) / 1 universe.



#### LM 3R2 REAR PANEL

Two DMX outputs (5 pin) / two universes.



LM 3R and LM 3R2 are ArtNet nodes that respectively receive one and two DMX universes sent into an Ethernet network. Both units are compatible with ArtNet (1 and 2) and they can be controlled by any consoles that use this protocol.

They are very convenient because they provide DMX signal in any parts of an installation.

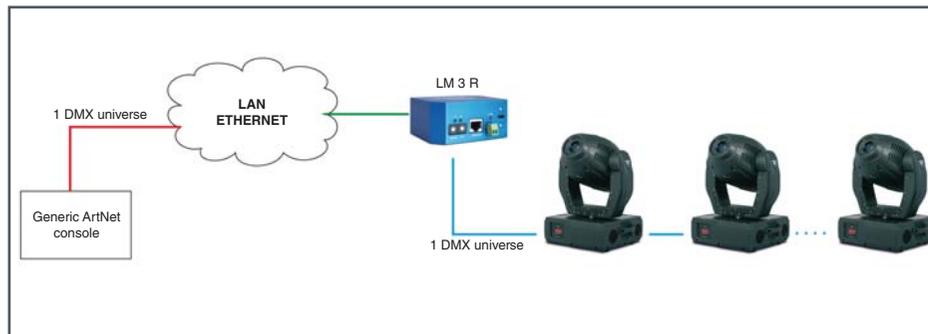



## LM 3R LM 3R2

### Ethernet to DMX converters Arnet nodes

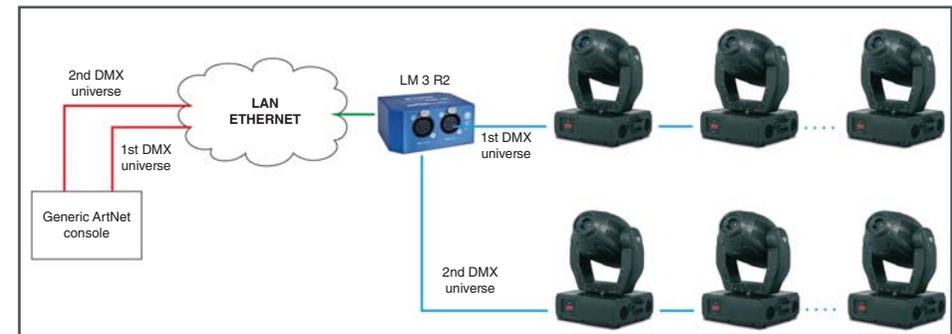
### FEATURES

- ArtNet nodes.
- Receives one DMX universe (LM 3R) or two DMX universes (LM 3R2) coming from an Ethernet network.
- Fully compatible with consoles that use ArtNet 1 and 2 protocols.
- Suitable with LM 3E unit.
- Dimensions (WxHxD): 86.3 x 42 x 67 mm.



#### CONNEXION EXAMPLE 1

LM 3R is connected to an Ethernet network. It receives the signal coming from an emitter (LM 3E) and transmit it as DMX signal to the moving heads.



#### CONNEXION EXAMPLE 2

LM 3R2 is connected to an Ethernet network. It receives signal coming from a DMX console with ArtNet direct connexion. It receives two DMX universes so it can send DMX signals to two different groups of moving heads.



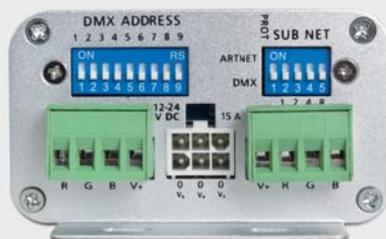
## LM 4 POWER

LED driver working through Ethernet



### LM 4 POWER FRONT PANEL

It features LAN connexion, group selector and LED light indicators for DMX signal and Ethernet.



### RGB OUTPUTS AND DIP-SWITCH

Two RGB outputs are available (2.5 A per colour / total 15 A). The DIP-switches allows the selection of DMX address and Subnet mask, depending on the operating mode (DMX or ArtNet).

## LM 4 POWER IS THE FIRST LED DRIVER DESIGNED TO WORK THROUGH AN ETHERNET NETWORK.

LM 4 Power associates in a unique device two powerful tools: a LED driver through ArtNet and a LED driver through DMX.

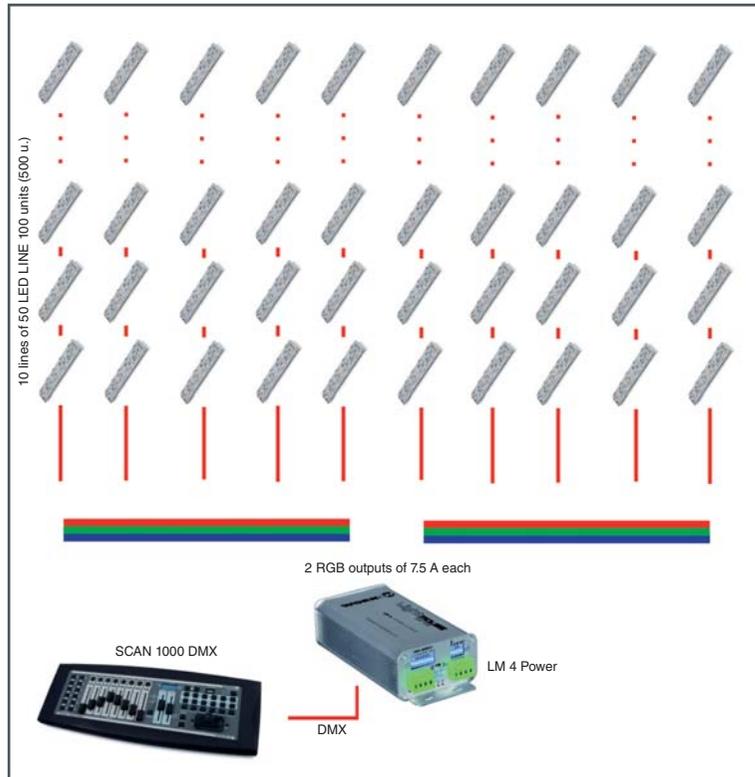
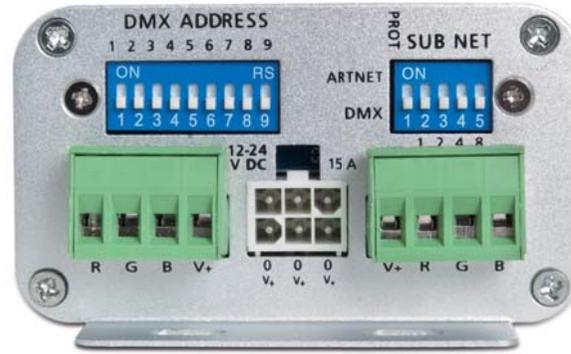
LM 4 Power allows designing any RGB LED installations, from conventional lighting installations (a DMX console connected to LM 4 Power input - using the DMX mode) to integrated lighting system installations working in an Ethernet network with several DMX universes (using the ArtNet node).

Configuration of DMX and ArtNet modes is very easy and allows saving many time:

- Through DMX mode, user only needs to indicate the DMX start address.
- Through ArtNet mode, DIP-switches are available to select the Subnet mask and universe (as well as DMX start address).

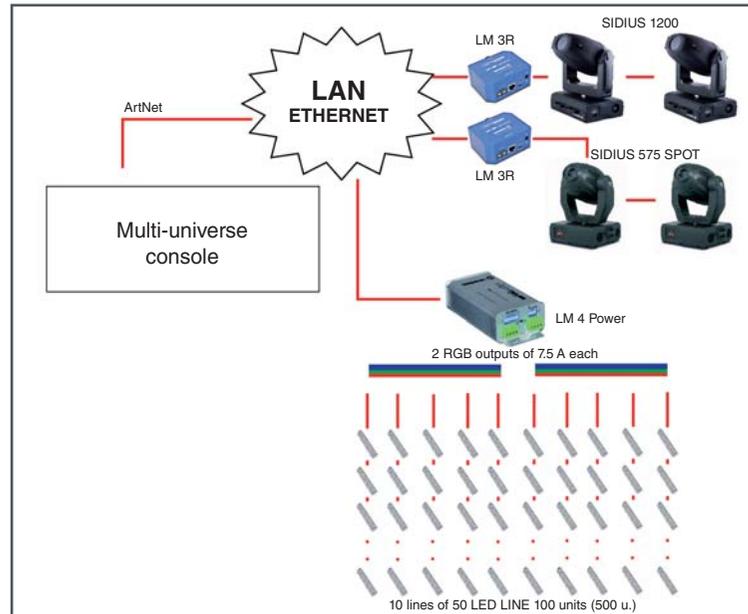
LM 4 Power is able to support elevated output power: it features independent colour channels divided into two RGB outputs. Each colour has a maximum load of 2.5 A, for a total maximum load of 15 A. This is an outstanding feature, taking into account the compact size of the device.

*Dimensions (WxHxD): 142 x 45 x 80 mm.*



#### CONNEXION EXAMPLE 1

LM 4 Power receives DMX signal directly from a lighting console. Its load power capacity allows connecting many LED line 100 units.



#### CONNEXION EXAMPLE 2

LM 4 Power in an installation with Ethernet network. A multi-universe console sends several DMX universes through ArtNet protocol. Two LM 3R units manage moving heads, whereas LM 4 Power controls a matrix of LED strips.



#### BUILT-IN WEB SERVER

It is possible to edit IP address and unit description name.



# LM 5 LM 5 W

## Interfaces for AV and lighting control



### AV AND LIGHTING CONTROL WITHIN EVERYONE'S REACH!

In spite of the many improvements of the industry, lighting control has always been complicated for non specialized users. Conventional lighting consoles have been replaced by lighting softwares but either of the two options offer an intuitive interface that can be easily managed by end-users. This is precisely why WORK engineers have designed LM 5, to put lighting control but also audio control within everyone's reach...

### CONTROL ANY INSTALLATIONS FROM YOUR SMARTPHONE, TABLET OR COMPUTER

LM 5 is not only dedicated to lighting control. It is possible to manage audio, lighting and videos at the same time and for several zones of an installation. The overall installation can be controlled with a smartphone, a tablet or a computer. It is very intuitive so everyone can use it without any technical knowledges.

Thanks to the OSC open protocol ([www.opensoundcontrol.org](http://www.opensoundcontrol.org)), it is suitable for mobile devices (iOS and Android) and PC&MAC computers: LM-5 turns your smartphone/tablet/computer into an intuitive console for audio and lighting purposes.

### DESIGNED TO SUIT ALL YOUR NEEDS!

It is possible to edit layouts and create your own interface, totally adapted to the characteristics of your installations. Let's imagine you are the owner of a restaurant and you want the waiters to control lighting (typical RGB installation). In this case, you can easily add 3 faders (R, G, B) to the interface, as well as a master and a blackout. You can also control audio volume in a DMX compatible amplifier (like our SLA amps).

It is easy to understand that another kind of installation (e.g. a small club, with moving lights and LED fixtures) would need another visual interface, and that is precisely the strength of LM 5: you can design your own interface to suit your needs!

### THE SWISS KNIFE FOR AV AND LIGHTING CONTROL

LM 5 goes much further and includes an internal memory to store 99 cues (with independent speed and fade time) and 24 cue lists, with up to 512 DMX channels. It is also a fully compatible ArtNet node (Ethernet to DMX interface) and it can be controlled by OSC server to create DMX data. LM 5 is without a doubt the most intuitive tool to manage audio and lighting control in commercial installations, bars, small clubs and events.

## FEATURES

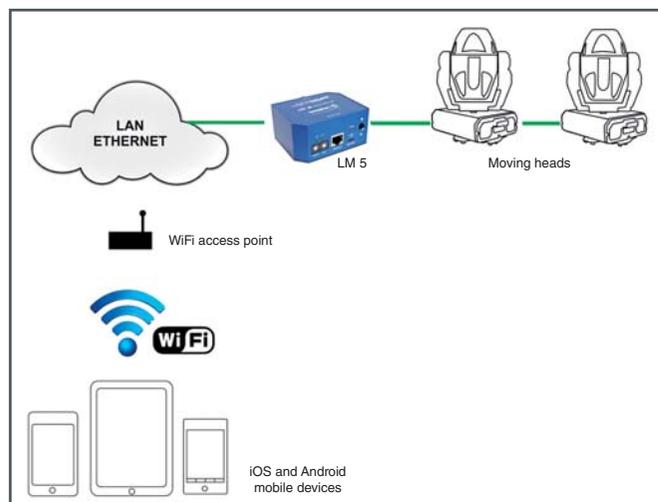
- Plug & Play Ethernet-DMX receivers.
- Ethernet interfaces with DMX recorder/player.
- Built-in WiFi access point (only for LM 5W).
- Control & program up to 512 channels by WiFi connexion from an iOS or Android device (Using OSC control apps).
- Built-in Memory to save and edit 99 cues (with independent speed and fade time) and 24 cue lists.
- Layout customization (third-party apps), to adapt the interface to user needs and installation requirements.
- Work as a compatible ArtNet nodes.
- Receive a better action's feedback, editing and recording scenes or shows.
- Live visual production programs / suitable for lighting control and audio edition.
- Fully compatible with LM 3E (DMX to Ethernet emitter).
- OSC protocol.
- Dimensions (WxHxD): 86.3 x 42 x 67 mm.





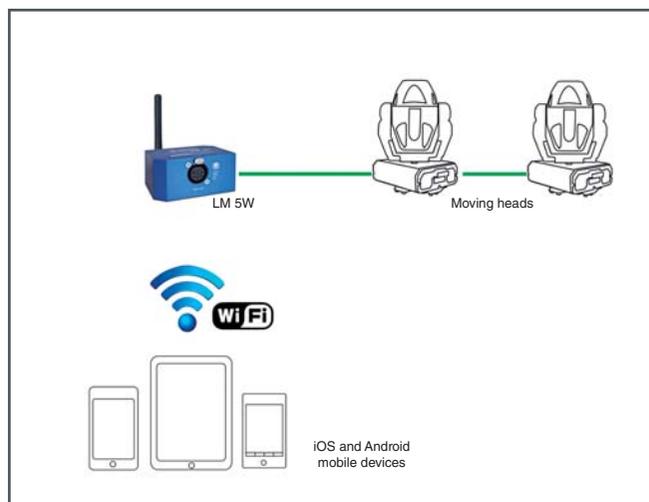
### CUSTOMIZE YOUR LAYOUTS DEPENDING ON YOUR INSTALLATION

It is possible to edit layouts and create your own interface, totally adapted to the characteristics of your installations. In addition, many layouts are already available on WORK's website.



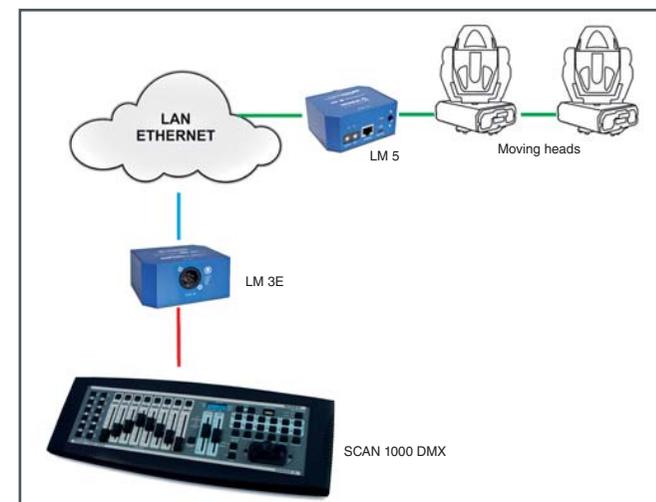
#### CONNEXION EXAMPLE 1

Using OSC protocol, it is possible to manage the moving heads from iOS (iPhone/iPad) and Android mobile devices through WiFi. A WiFi access point is required to send information into the Ethernet network.



#### CONNEXION EXAMPLE 2

With the new LM 5W (with built-in Wifi access point), it is not necessary to use the Ethernet network. iOS (iPhone/iPad) and Android mobile devices directly manage the LM 5W unit and so the moving heads.



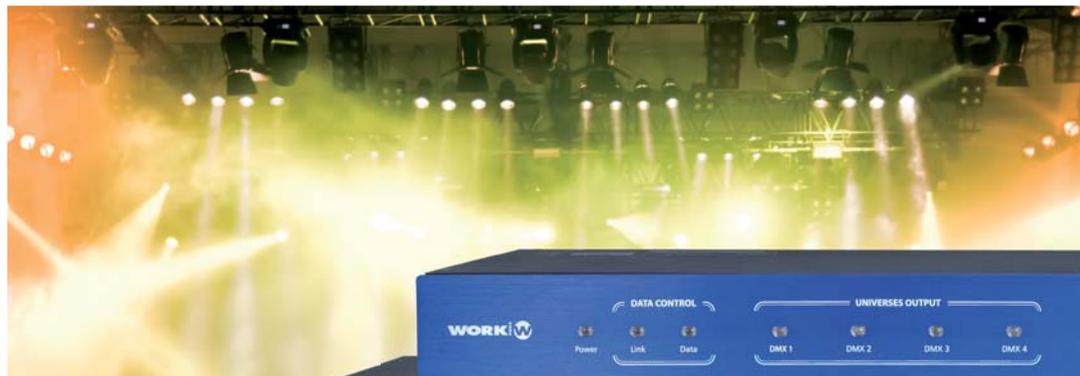
#### CONNEXION EXAMPLE 3

A DMX console sends a DMX frame to LM 3E which converts it for ArtNet protocol. LM 5 receives DMX signals and send them to the moving heads.



# DMXNET SERIES

Fully configurable  
ArtNet nodes



RACK MOUNT KIT INCLUDED  
WITH THE DMXNET 4 MODEL



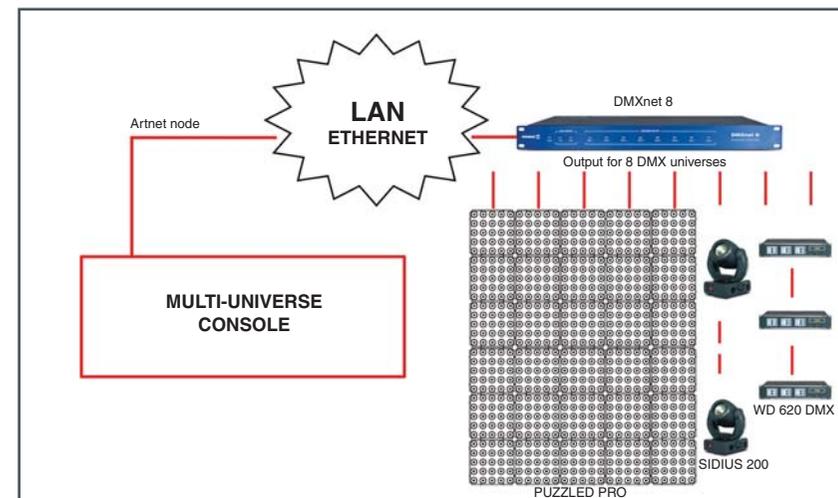
DMXnet series is composed of two fully configurable ArtNet nodes of 4 universes (DMXnet 4) and 8 universes (DMXnet 8).

Thanks to these units, users send data through an Ethernet network with up to 512 DMX channels per universe (max. 255 universes per Ethernet network). Data transfer using ArtNet nodes is faster than using DMX networks.

This solution is recommended to control LED fixtures that use many channels, but also to send DMX information in a big event through a unique Ethernet cable.

## FEATURES

- Fully configurable ArtNet nodes.
- Two models available: DMXnet 4 (4 universes) and DMXnet 8 (8 universes).
- Possibility to send up to 512 DMX channels per universe.
- Fast data transfer (faster than a DMX network).



### CONNEXION EXAMPLE

A multi-universe console sends information through Ethernet using ArtNet protocol. DMXnet 8 interprets this signal to control a LED screen (5 universes), moving heads (1 universe) and dimmers (2 universes).



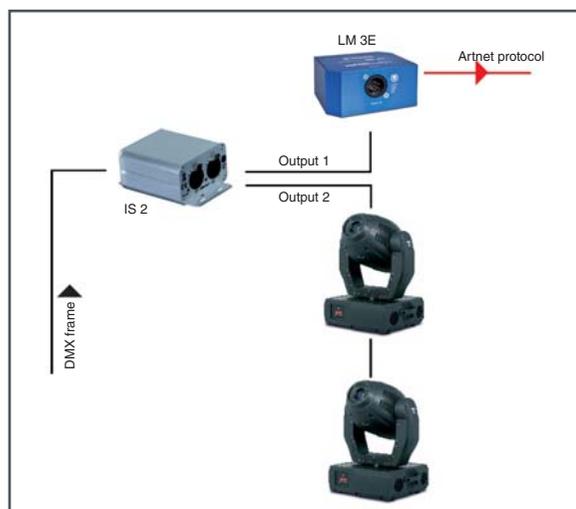
## IS SERIES DMX splitters



These two DMX splitters have been designed to send DMX signal to several lighting fixtures (moving heads, scanners, dimmers, LED fixtures, etc.), achieving total isolation between input and output.

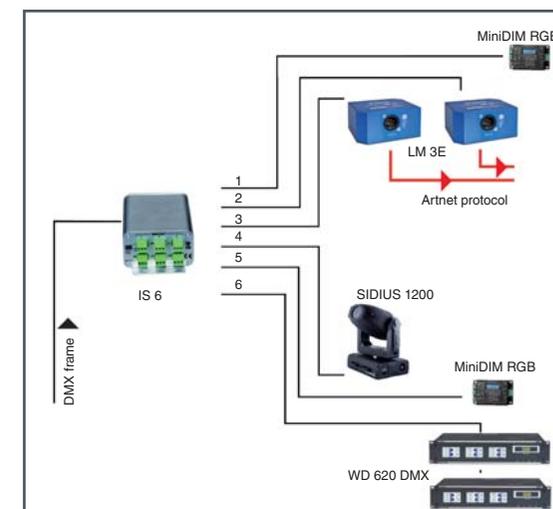
IS 2 features two output connectors (XLR 3 Pin), whereas IS 6 features 6 output terminal blocks. It is easy to hide them behind false ceilings and walls thanks to their small size and fixation points. They have an additional terminal block and a connector input for external supply.

Technical data	IS 2	IS 6
Input:	1 XLR 3 Pin connector.	1 terminal block
Output:	2 XLR 3 Pin connector.	6 terminal blocks
Dimensions (WxHxD):	80 x 45 x 80 mm.	80 x 45 x 113 mm.
Weight:	380 g.	470 g.



### CONNEXION EXAMPLE 1

IS 2 receives a DMX signal frame and sends it to its two outputs. The first output is directly connected to moving heads. The second output is connected to a LM 3E unit that sends the signal to an ArtNet node.



### CONNEXION EXAMPLE 2

IS 6 receives a DMX signal frame and sends it to its six outputs, including moving heads, RGB drivers, dimmers and LM 3E units (DMX to Ethernet emitters).

## SRD 6

### RDM/DMX 6 channel splitter (bi-directional)



SRD 6 is the new splitter of WORK, housed in one rack unit. It features 6 channels in order to send RDM/DMX frames to several devices (moving heads, scanners, dimmers, LED fixtures, etc.).

It differentiates itself from other splitters with as it is a bidirectional unit which supports RDM protocol. It allows configuration, status monitoring, and management of the devices connected to the splitter, directly from the lighting console.

### FEATURES

- Bi-directional 6 channel splitter.
- Supports RDM protocol (Remote Device Management).
- Housed in one rack unit.



## C 72 DMX

### DMX/MIDI to Analog converter



This interesting tool for lighting engineers converts DMX and MIDI signals into Analog signals, with up to 72 channels. Analog signals are sent through SUB-25 connectors. DIP switches are available to edit polarity and set input voltage (DC +10V, DC +15V or DC +20V).

C 72 DMX allows using an analog dimmer with DMX consoles, setting parameters like DMX start address

channel, MIDI note selection, etc. It also works as a chaser with adjustable speed to record and program scenes from a DMX console.

Thanks to the Hold function, C 72 DMX memorizes the last DMX configuration, even in cases of failure of the current system.

### FEATURES

- DMX to analog signal converter.
- 72 channel chaser operating mode.
- Adjustable voltage level for outputs (DC 10, 15, 20 V).
- Voltage polarity selector.
- Programmable DMX start address channel.
- Programmable chase speed.
- Memory against current failures.
- Mains supply: AC 230 V, 50 Hz.
- Dimensions (WxHxD): 483 x 44 x 120 mm.
- Weight: 2.3 kg.



## FS 4 DMX

### DMX strobe controller



This lighting tool controls 4 DMX strobes with up to 4 channels and/or 4 analog strobes.

It features 20 chase programs (19+1 audio) and several operating modes: Audio, Program, Speed and Dimmer.

Users can easily edit parameters (speed, audio intensity and dimmer level) and use the functions Stand By

and Full On. It is also possible to select the format of trigger signals.

FS 4 DMX additionally provides Line output connexion (up to 100 mV) for audio mode and input polarity selector for DMX operating mode.

### FEATURES

- DMX strobe controller with up to 4 channels and/or 4 analog strobes.
- 20 chase programs.
- Audio mode for recorded scenes.
- 4 analog outputs for trigger pulses.
- Edition of speed, audio intensity and dimmer.
- Stand By and Full On functions.
- Memory against current failures.
- Mains supply: DC 9 V, 500 mA (included).
- Dimensions (WxHxD): 483 x 44 x 76 mm.
- Weight: 1.2 kg.



Merger DMX is a simple tool that mixes DMX signals coming from two different input sources (A+B) into one DMX output.

Three operating modes are available:

- **Merge mode:** it mixes two input signals into a unique output signal.
- **HTP mode:** if two signals are sent to Merger DMX, it automatically selects the channel with the highest value.

- **Backup mode:** if there is a problem with the first signal input (e.g. the lighting console does not work), it is automatically substituted by the second signal input. This is ideal for live events, to prevent from failures.

## FEATURES

- DMX signal merger for lighting control.
- 3 operating modes: Merge, HTP and Backup.
- Operating modes and start channel address seleccionable by DIP switches.
- DMX inputs and outputs: Male XLR3 (In) and Female XLR3 (Out) on front and rear panels.
- Mains supply: DC 9 V, 500 mA (included).
- Dimensions (WxHxD): 483 x 44 x 73 mm.
- Weight: 1.15 kg.



# MERGER DMX

## DMX splitter



This DMX signal tester is an essential tool for professionals that work with DMX fixtures. Its ergonomic design and supply (9V rechargeable battery) are very interesting for mobile shows.

DMX ANALYZER supports DMX signals and it is especially recommended to pre-test the channels and functions of a lighting system from a unique place. It is very easy to access to the functions, thanks to the large LCD display backlight and to the intuitive track-wheel with built-in push-button.

DMX ANALYZER can also be used as a precise signal meter and a library recorder for scanners.

## FEATURES

- DMX analyzer and tester (for data format, delay and data level).
- Digital and analog cable tester.
- High resistance ABS plastic case.
- Editable fixture library (10 robots of 36 DMX channels and 29 functions for effects).
- Large LCD display with 4x20 characters (backlight with adjustable contrast).
- Checking of up to 10 robots with selectable DMX address.
- Shuttle wheel browser for menu.
- 512 individual channels.
- Data expressed using decimal values, percentage or diagrams.
- Possibility to store and send data.
- TX reception code, RX visualization, DMX polarity selectable.
- Available languages: English, Spanish, French and German.
- Mains supply: DC 9 V, 500 mA (included).
- DMX connectors: XLR3 and XLR5.
- Dimensions (WxHxD): 160 x 200 x 55 mm.
- Weight: 1.2 kg.



# DMX ANALYZER

## DMX signal tester



Every lighting integrator should have POCKET DMX in his toolbox. Thanks to this useful device, testing a complex 512 channel installation becomes easy as ABC...

In only three steps, it is possible to give a specific value to any channels between 1 to 100 and save it as a cue in the internal memory of the device (up to 120 scenes). Each cue can be triggered using the Simple or Continuous modes. POCKET DMX is very useful to test spots and moving heads on stage.

## FEATURES

- Sequencer of DMX commands.
- Moulded in high resistance ABS plastic.
- Backlight LCD display, 4x20 characters.
- Memory: up to 120 scenes.
- Cue execution in simple/continuous modes.
- 512 individual DMX channels.
- Connectors: DMX XLR3 and XLR5.
- Power supply: DC 9 V, 500 mA (rechargeable battery included).
- Dimensions (WxHxD): 160 x 200 x 55 mm.
- Weight: 1.2 kg.



# POCKET DMX

## Sequencer of DMX commands



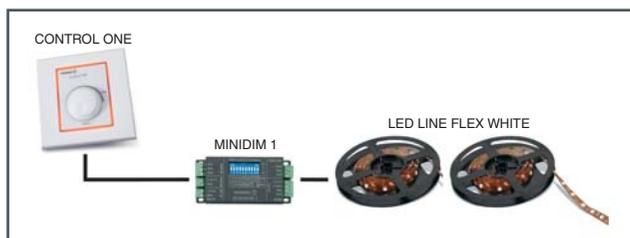


## MINIDIM 1 LED driver

MINIDIM 1 is a 1 DMX channel LED driver, perfect for white colour LED fixtures. It supports DMX and 0-10 V analog input protocols.

Three operating modes are available: DMX (for digital control), 0-10V (for analog control) and Manual (to fix the output intensity through its micro switches).

This compact solution is very convenient to control LED fixtures with a light console or in stand alone mode. It is also possible to connect several units together in order to manage a complete system of LED fixtures.



### CONNEXION EXAMPLE

Two LED stripes (white colours) are managed with the control channel of MiniDIM 1 and Control ONE.

Technical data	MiniDIM 1
Number of channels:	1.
Maximum load:	6 A.
Control signal:	0-10 V Analog / DMX 512.
Connexion:	Terminals.
Main supply:	DC 12-24 V, 6.5 A max.
Dimensions:	86 x 40 x 15 mm.
Weight:	150 g.

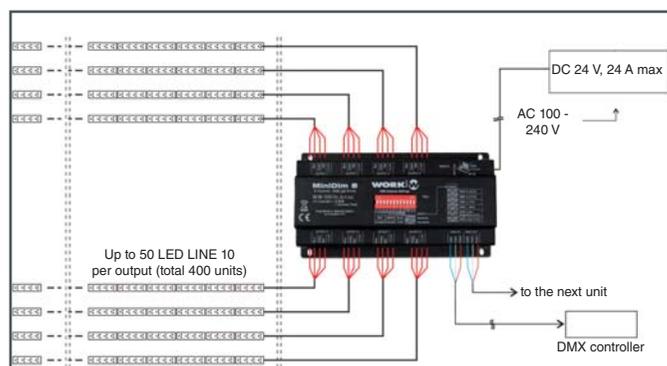


## MINIDIM 8 LED driver

MINIDIM 8 is an RGB driver that features eight outputs of 3 channels each.

Several operating modes are available to group outputs into 25, 13, 7, 4, 2 or 1 DMX channels. It provides many possibilities to customize lighting installations. Lighting designers can set the colour of each LED strip, taking advantage of 8 RGB outputs controlled through DMX signal.

Thanks to its DIN rail format, it is very easy to install it in any installation.



### CONNEXION EXAMPLE

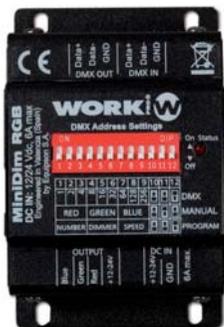
Installation with 8 zones. Depending on the operating mode, it is possible to group them to create several ambiances.



Technical data	MiniDIM 8
Number of channels:	1, 2, 4, 7, 13, 25 (depending on operating mode).
Max. load:	2 A per output.
Control signal:	DMX 512.
Connexion:	Terminal.
Main supply:	DC 12-24 V 6.5 A max.
Dimensions (WxHxD):	135 x 84 x 30 mm.
Weight:	650 g.



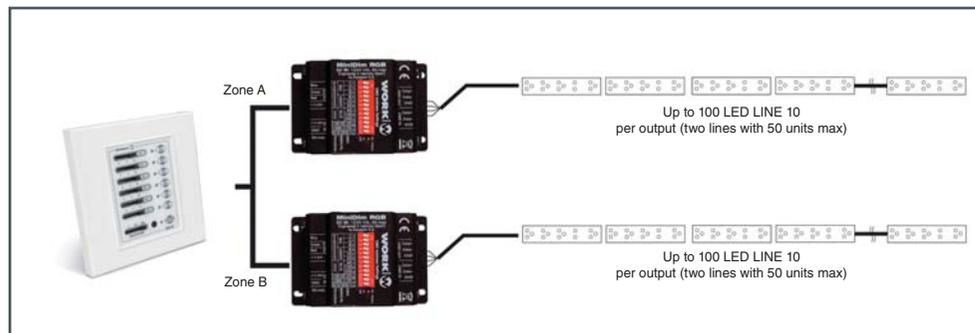
## MINIDIM RGB LED driver



MINIDIM RGB features three channels (R,G,B) and it includes eight programs, with control over Speed and Brightness. It supports loads up to 6 A.

Two operating modes are available: DMX (to control start address channel) and Manual (to manage directly the output intensity or to set a program in stand alone mode).

Thanks to its DIN rail format, it is very easy to install it in any installation.



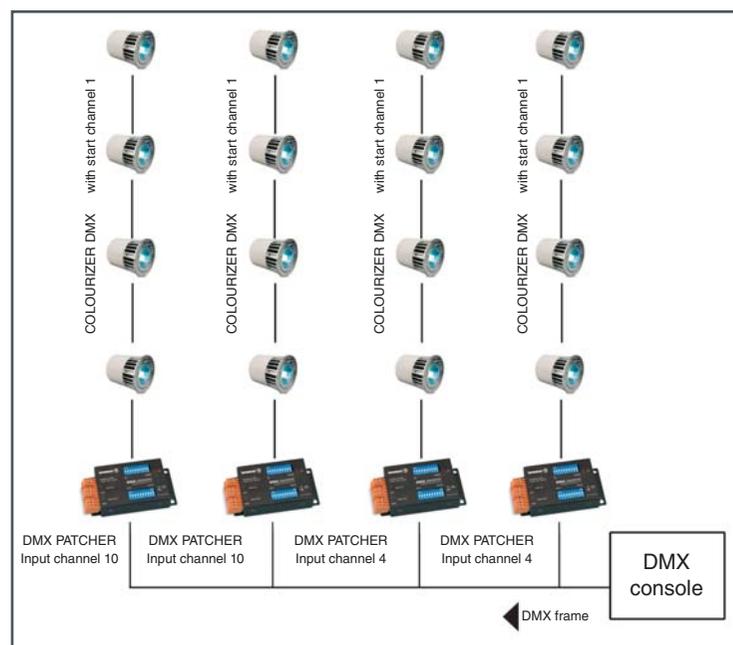
Technical data	MiniDIM RGB
Number of channels:	3.
Max. load:	6 A.
Control signal:	DMX 512.
Connexion:	Terminals.
Main supply:	DC 12-24 V 6.5 A max.
Dimensions (WxHxD):	66 x 84 x 30 mm.
Weight:	270 g.



As its name suggests, DMX PATCHER is a device that patches the input DMX signal from a determined channel (previously configured) to another output channel.

Thanks to this function, it is possible to assign a new DMX channel to fixtures with a determined DMX channel (not configurable).

**Boosted DMX frame:** Each DMX PATCHER is connected to a PSU. This allows boosting DMX frame.



### CONNEXION EXAMPLE

Two DMX channels (channel 4 and channel 10) are used in order to set two configurations. Users only need to select the input channel using the DIP switches of each DMX PATCHER unit. The fixtures of the installation (Colourizer DMX) have a preset start channel (1).



## DMX PATCHER DMX addressing and signal buffer

Technical data	DMX Patcher
Input connexion:	Terminal blocks (3 pin).
Output connexion:	Terminal blocks (3 pin).
Main supply:	DC 12/24 V, 100 mA.
Dimensions (WxHxD):	88.2 x 45.7 x 16.6 mm.
Weight:	250 g.



## LPX 12 DMX Lighting driver

This 12 DMX/Analog channel driver and chaser is particularly useful to activate lights and to turn on/off lighting effects.

Users can edit start channel address. Analog signals have priority over DMX signals.

### FEATURES

- 12 DMX/analog channel driver and chaser.
- Analog signals have priority on DMX ones.
- Channel autocheck function.
- Output channels: 5 A per channel.
- Memory against power supply failure.
- Mains supply: AC 220-240 V, 50 Hz.
- Dimensions (WxHxD): 483 x 90 x 240 mm.
- Weight: 4.92 kg.



## EST 1 K EST 2 K Voltage regulators

These two voltage regulators keep output voltage constant at a predetermined value, with an input voltage that constantly oscillates between 140 and 250 V AC. Depending on the model, it is possible to connect loads of 1000 W (EST 1 K) or 2000 W (EST 2 K).

Many features are available to ensure output signal integrity, with protections against overload, over-voltage or output short-circuit. An additional rearmable fuse is available on rear panel.

Time delay circuit (between 3 and 6 sec.) avoids noises coming from the interrupter before the normal operating mode starts. A large display shows information like input, output and current voltage.

### FEATURES

- Microprocessor for control and regulation.
- Large LCD display for data.
- Highly precise regulation.
- Protections against overload, overvoltage or output short-circuit.
- Time delay circuit configurable between 3 and 6 sec.



Technical data	EST 1 K	EST 2 K
Load capacity:	1000 VA.	2000 VA.
Main supply:	AC 140-250 V .	AC 140-250 V .
Output:	AC 220 V $\pm$ 3%.	AC 220 V $\pm$ 3%.
Frequency:	50 Hz / 60 Hz.	50 Hz / 60 Hz.
Time delay:	3 to 6 sec.	3 to 6 sec.
Dimensions (WxHxD):	150 x 242 x 180 mm.	150 x 242 x 180 mm.
Weight:	6.6 kg.	8.16 kg.



INPUT VOLTAGE SELECTOR (60-130 V / 140-260 V)



ADDITIONAL OUTPUT (AC 110 V)



ESD 5 K 2  
EST 519/2

Voltage regulators

These two voltage regulators keep output voltage constant at a predetermined value, with an input voltage that constantly oscillates between 140 and 250 V AC. It is possible to connect a 22 A fix load.

The voltage regulators automatically turn off if a value is exceeded. They emit an acoustic signal and indicate the problem on the display. It is possible to select output voltage (1% or 3%) with a simple switch.

EST 519/2 features an input voltage selector (60-130 V / 140-260 V) and it has been designed in a 19" rack format to fit fixed installations. ESD 5 K/2 for its own has handles for easy transport.

Time delay circuit (between 3 and 6 sec.) avoids noises coming from the interrupter before the normal operating mode starts. A large display shows information like input, output and current voltage.

Many features are available to ensure output signal integrity: protections against overvoltage (255 V), overheating (95°) and overload (23 A).

## FEATURES

- Mains supply: AC 140-250 V / 60-130 V.
- Maximum joint load: 22 A.
- Maximum output current: 23 A.
- Time delay: 3 or 6 sec.
- Output voltage precision: 1% or 3%.
- Input voltage selector (only for EST 519/2): 60-130 V / 140-260 V.
- Transport handles (only for ESD 5 K/2).
- Protections:
  - Overvoltage (255 V).
  - Overheat (95°).
  - Overload (23 A).

- Dimensions (WxHxD):
  - ESD 5 K 2: 230 x 220 x 370 mm.
  - EST 519/2: 483 x 185 x 340 mm.
- Weight:
  - ESD 5 K/2: 16.3 kg.
  - EST 519/2: 17 kg.





# ESD 10 K

## Voltage regulator



ESD 10 K keeps output voltage constant at a predetermined value, with an input voltage that constantly oscillates between 140 and 250 V (with 220 V devices) or between 60 and 130 V (with 110V devices). It is possible to connect a 10 kVA fix load.

It features a male CEE connector with 32 A and 3 poles, with 2 schuko connectors (one for 110V-10A, another for 230V-16 A) or terminals.

Many features are available to ensure output signal integrity: protections against overvoltage (255 V), overheat (95°) or overload. The voltage regulators automatically turn off if a value is exceed. They emit an acoustic signal and indicate the problem on the display. Additionally, a double circuit breaker (63 A) and a switch for output voltage selection (1% or 3%) are available on front panel.

To avoid noises coming from the switch, ESD 10 K features a time delay circuit (3 or 6 sec.). After this time, normal operating mode starts automatically. Two large displays show the information about devices status, like input, output and current voltage. Finally, it incorporates an internal cooling system so components are maintained at a low temperature.

### FEATURES

- Mains supply: AC 140-250 V / 60-130 V.
- Maximum joint load: 10 kVA.
- Time delay: 3 or 6 sec.
- Output voltage precision: 1% or 3%.
- Protections:
  - *Overvoltage.*
  - *Overheat (95°).*
  - *Overload.*
- Dimensions (WxHxD): 305 x 260 x 460 mm.



**MAINS SUPPLY WITH PROTECTION LID AND OUTPUT VOLTAGE SELECTOR**

**THREE OUTPUTS AVAILABLE**

- 110 V, 10 A.
- 220 V, 16 A.
- 220 V, 32 A (L+N+E).



Output block with 3 schukos connectors (16 A each) and individual circuit breakers. A light indicator shows if a phase is active.



Two output blocks with two mono-phase connectors (1P+N+E) and two schukos (16 A each) and individual circuit breakers. A light indicator shows if a phase is active.



Residual current device (RCD) and general circuit breaker (4 pole). Digital voltmeter and ammeter at each phase. A light indicator shows if a phase is active.



Three-phase connector (3P+N+E) of 32 A. Additional output (16 A schuko mono-phase) with its own circuit breaker.



**FLYBOX 320 IS A COMPACT, 32 A THREE-PHASE SYSTEM FOR ELECTRICAL DISTRIBUTION. IT HAS BEEN DESIGNED IN A FLIGHTCASE OF 8 HU UNITS WITH FULL CONTROL OVER EACH OUTPUT.**

Front panel is composed of:

- 32 A CEE input connector (3P+N+E).
- RCD and circuit breakers.
- Voltmeter and ammeter for each phase.
- Light indicator for each phase.
- Additional output with 16 A CEE single-phase connector (1P+N+E) and circuit breakers.

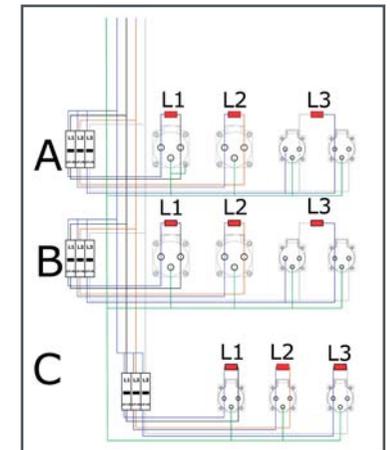
Rear panel is composed of:

- Two blocks of outputs with two 16 A CEE single-phase connectors (1P+N+E) and a third block with two schuko connectors.
- A block of three 16 A schuko connectors (one per phase) and circuit breakers.

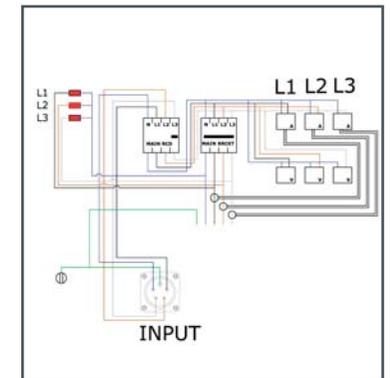
Each block has its own circuit breaker and light indicator to indicate the presence of electric voltage. All the components have been carefully selected to design a strong and reliable system for electrical distribution. The flightcase is made of wood and it is reinforced with metal corners and profiles. It has handles on both sides for an easy transport.



**FLYBOX 320**  
Power distributor



CIRCUIT DIAGRAM (REAR PANEL)



CIRCUIT DIAGRAM (FRONT PANEL)



# FLYBOX 630

## Power distributor



**FLYBOX 630 IS THE MOST POWERFUL MODEL IN THE FLYBOX SERIES. THIS 63 A THREE PHASE SYSTEM FOR ELECTRICAL DISTRIBUTION HAS BEEN DESIGNED IN A FLIGHTCASE OF 10 HU UNITS WITH FULL CONTROL OVER EACH OUTPUT.**

Front panel is composed of:

- 63 A CEE input connector (3P+N+E).
- RCD and circuit breakers.
- Voltmeter and ammeter for each phase.
- Light indicator for each phase.
- Additional output with three phase connector (3P+N+E) and circuit breakers for each phase and neutral.
- Additional output with 16 A CEE single-phase connector (1P+N+E) and circuit breakers.

Each block has its own circuit breaker and light indicator to indicate the presence of electric current. All the components have been carefully selected to design a strong and reliable system for electrical distribution. The flightcase is made of wood and it is reinforced with metal corners and profiles. It has handles on both sides for an easy transport.

Rear panel is composed of three blocks of outputs with three 16 A CEE single-phase connectors (1P+N+E).



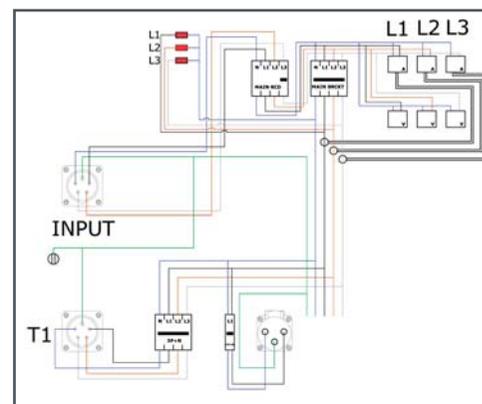
Three-phase connector (3P+N+E) of 63 A. Two additional outputs (32 A three-phase 3P+N+E and 16 A schuko mono-phase) with their own circuit breaker.



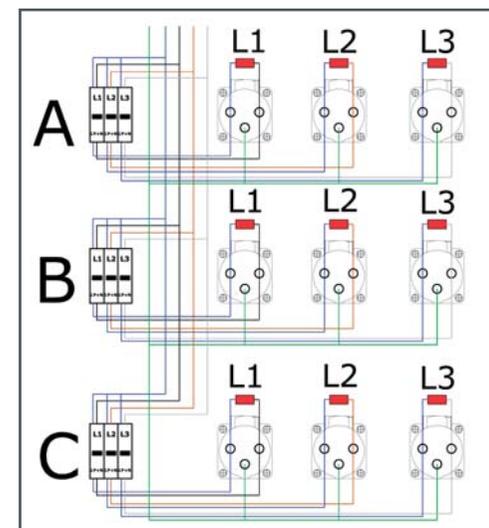
Three output blocks with three mono-phase connectors (1P+N+E) and individual circuit breakers. A light indicator shows if a phase is active.



Residual current device (RCD) and general circuit breaker (4 pole). Digital voltmeter and ammeter at each phase. A light indicator shows if a phase is active.



CIRCUIT DIAGRAM (FRONT PANEL)



CIRCUIT DIAGRAM (REAR PANEL)

This power distributor designed in a 19" rack format features a 16 A three-phase connector (3P+N+T) and 6 schuko connectors for output (16A each).

It has a protection circuit-breaker on each phase and an additional schuko connector for auxiliary supply. Additionally, it provides digital voltmeter and amp-meter for each phase to visualize current levels.



## FEATURES

- Three-phase power distributor (3x16 A per input).
- 6 x 16 A schuko connectors (2 per phase).
- Additional schuko connector on front panel.
- Digital voltmeter and amp-meter for each phase.
- Protection circuit-breaker on each phase.
- Dimensions (WxHxD): 483 x 88 x 210 mm.
- Weight: 3.8 kg.



## WPD 163 Power distributor



WPD 1253 B is the most powerful power distributor of the WPD series. It features a three-phase input connector (3P+N+T) to operate with a high current level (125 A). Four three-phase connectors are available at the output, with 63 A per phase. There are many possible combinations: 3 outputs with 125 A inputs, 2 outputs with 63 A inputs (full capacity) or 4 outputs with 3x32 A inputs.

Its residual current circuit breaker (RCCB) disconnects the circuit whenever it detects that the electric current is not balanced between the energized conductor and the return neutral conductor. It is designed to disconnect quickly enough to prevent injury caused by such shocks.



## FEATURES

- Three-phase power distributor (3x125 A input).
- Input with 125 A CEE connector (3P+N+T).
- 4 x 64 A CEE connector (3P+N+T) with protection lid.
- Triple circuit breakers of 63 A on each output.
- 4x32 A circuit breakers for residual current.
- Residual current circuit breaker (RCCB).
- Dimensions: 5 rack units.



## WPD 1253 B Power distributor





## WPD 323

### Power distributor

This power distributor designed in a 19" rack format features a 32 A three-phase connector (3P+N+T) and 6 schuko connectors for output (16 A each).

It has a protection circuit-breaker on each phase, other circuit breaker for residual currents and a 32 A CEE output connector for auxiliary supply. Additionally, it provides digital voltmeter and amp-meter for each phase.

### FEATURES

- Three-phase power distributor (3x32 A per input).
- 6 x 16 A schuko connectors (2 per phase).
- 32 A CEE output connector for auxiliary supply.
- Digital voltmeter and amp-meter for each phase.
- Protection circuit-breaker on each phase.
- Residual current circuit breaker (RCCB).
- Dimensions (WxHxD): 483 x 132 x 265 mm.
- Weight: 7 kg.



## WPD 633

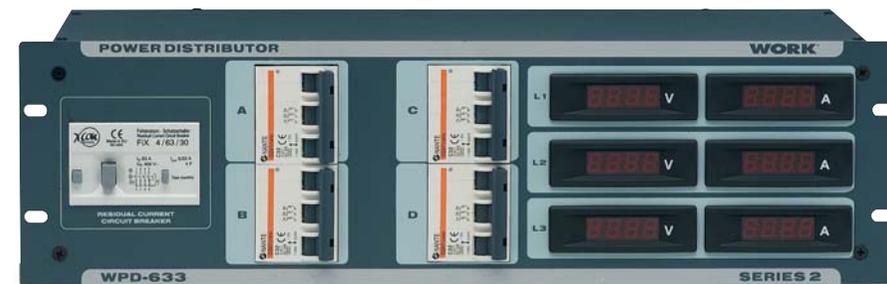
### Power distributor

This power distributor designed in a 19" rack format features a 63 A three-phase connector (3P+N+T) and four 32 A CEE connectors for output (16 A each).

It has a protection circuit-breaker on each phase and other circuit breaker for residual currents. Additionally, it provides digital voltmeter and amp-meter for each phase.

### FEATURES

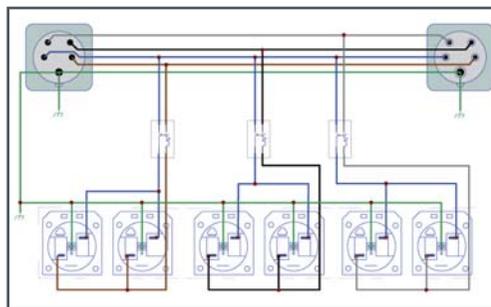
- Three-phase power distributor (3x63 A per input).
- Four 32 A CEE output connectors (5p, 6h, 400V).
- Digital voltmeter and amp-meter for each phase.
- Protection circuit-breaker on each phase.
- Residual current circuit breaker (RCCB).
- Dimensions (WxHxD): 483 x 132 x 267 mm.
- Weight: 9.5 kg.



CONNECTOR INCLUDED



POWER SPLITTER 16 is a 16 A three-phase power distribution box. It features link inputs and outputs with CEE connectors (5 pins) and 5 direct outputs with schuko connectors and protection lid. Each phase (2 schukos of 16 A) has circuit breakers.



INTERNAL WIRING



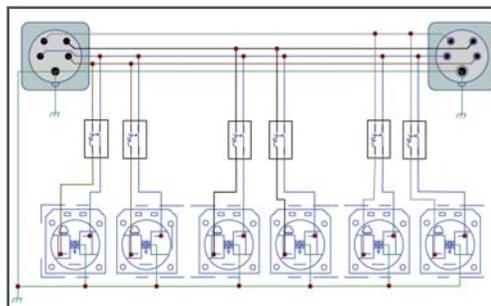
## POWER SPLITTER 16

Power distributor

Technical data	Power Splitter 16
Main power:	AC 230 V, 16 A 50/60 Hz.
Input connector:	Multi-connector, Male CEE, 3x16 A.
Max. load:	16 A (max) / phase.
Output connexion:	6 x schuko + 1 female CEE connector (link).
Circuit breakers:	3 x 16 A.
Dimensions (WxHxD):	367 x 150 x 107 mm.
Weight:	2 kg.



POWER SPLITTER 32 is a 32 A three-phase power distribution box. It features link inputs and outputs with CEE connectors (32 A, 5 pins) and 6 direct outputs with schuko connectors and protection lid. Each phase has 16 A circuit breakers.



INTERNAL WIRING



## POWER SPLITTER 32

Power distributor

Technical data	Power Splitter 32
Main power:	AC 230 V, 32 A 50/60 Hz.
Input connector:	Multi-connector, Male CEE, 3x32 A.
Max. load:	32 A (max) / phase.
Output connexion:	6 x schuko + 1 female CEE connector (link).
Circuit breakers:	6 x 16 A.
Dimensions (WxHxD):	460 x 150 x 112 mm.
Weight:	3.2 kg.

## POWER SPLITTER

### Power distributor



- Power splitter with phase separation.
- Power input: 380V with CEE connector (3P+N+E).
- 6 schuko outputs with phase indicator.
- Dimensions: 220 x 150 x 102 mm.
- Weight: 1.8 kg.



## PD 61 SC

### Power distributor



- Power splitter with 6 schuko outputs.
- Dimensions: 350 x 150 x 102 mm.
- Weight: 1.6 kg.



## PD 81 S

### Power distributor



- Power splitter.
- 8 schuko outputs.
- 16 pin multi-connector for power input.
- Dimensions (WxHxD):  
345 x 150 x 102 mm.
- Weight: 3.2 kg.



## PD 81 E

### Power distributor



- Power splitter.
- Power input with 16 pin multi-connector.
- 8 CEE (1P+N+E) outputs.
- Dimensions: 382 x 170 x 123 mm.
- Weight: 3.2 kg.



## PD 82 S

### Power distributor



- Power splitter.
- 2 multi-connectors (16 pin) for power input and link.
- 8 schuko outputs and 1 multi-connector output.
- Dimensions: 352 x 150 x 102 mm.
- Weight: 3.5 kg.



## PD 82 E

### Power distributor



- Power splitter.
- Power input and link with 16 pin multi-connectors.
- 8 CEE (1P+N+E) outputs.
- Dimensions: 385 x 170 x 127 mm.
- Weight: 3.6 kg.



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