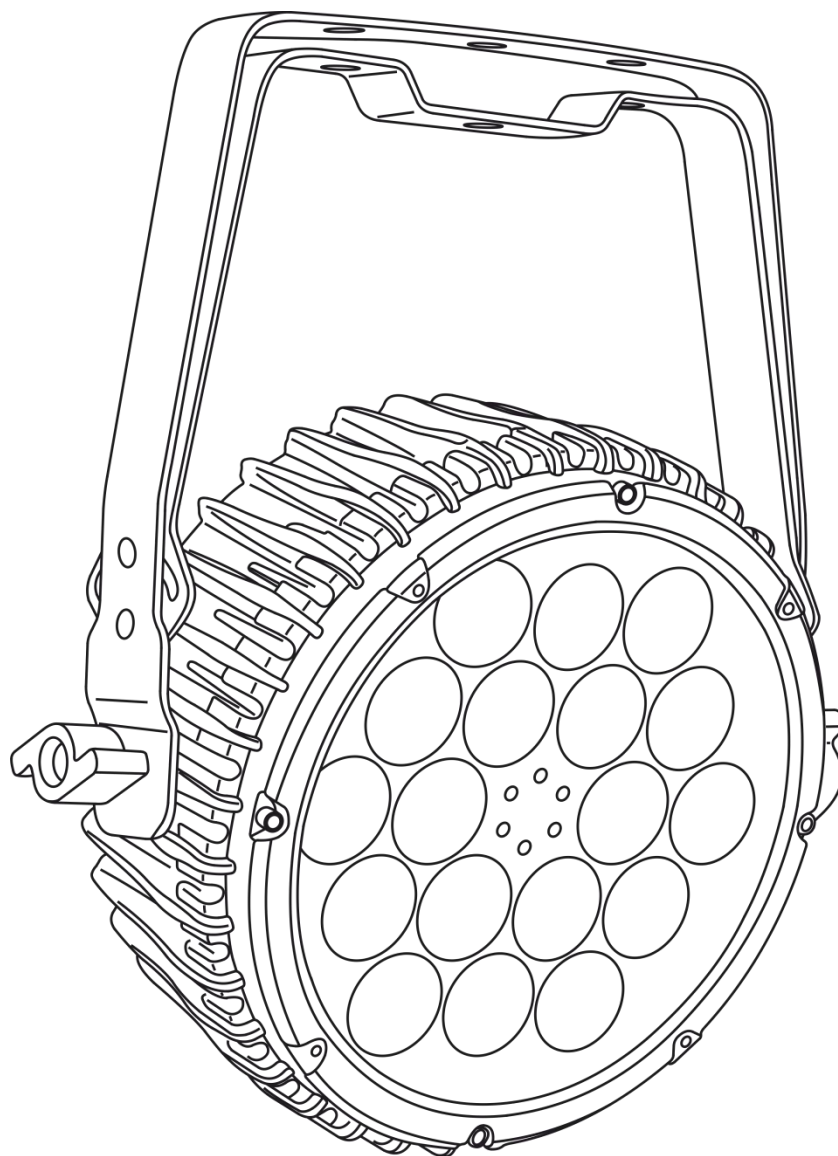




MANUAL



ENGLISH

Compact Par 18 MKII Tour V1

Ordercode: 42596

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Warning



**For your own safety, please read this user manual carefully
before your initial start-up!**

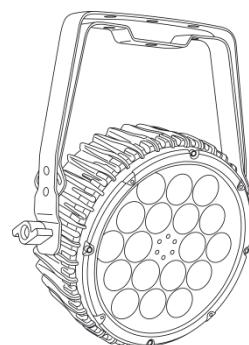


Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Your shipment includes:

- Showtec Compact Par 18 MKII Tour
- PowerCON power cable 1,5 m
- User manual



LED Expected Lifespan

LEDs gradually decline in brightness over time. HEAT is the dominant factor that leads to the acceleration of this decline. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal or singular optimum conditions. For this reason when all color LEDs are used at their fullest intensity, life of the LEDs is significantly reduced. If improving your lifespan expectancy is of a higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity



CAUTION!

**Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!**



Safety Instructions

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual



**CAUTION! Be careful with your operations.
With a dangerous voltage you can suffer
a dangerous electric shock when touching the wires!**



Before your initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

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

Please consider that damages caused by manual modifications to the device are not subject to warranty.

This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

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

- Never let the power cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.
- Never place any material over the lens.
- Never look directly into the light source.
- Never leave any cables lying around.
- Do not insert objects into air vents.
- Do not connect this device to a dimmerpack.
- Do not switch the device on and off in short intervals, as this would reduce the device's life.
- Do not touch the device's housing bare-handed during its operation. Allow the fixture to cool for at least 5 minutes before handling.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use device indoors, avoid contact with water or other liquids.
- Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.
- Only operate the device after having familiarized with its functions.
- Avoid flames and do not put close to flammable liquids or gases.
- Always keep case closed while operating.
- Always allow free air space of at least 50 cm around the unit for ventilation.
- Always disconnect power from the mains, when device is not used or before cleaning! Only handle the power cord by the plug. Never pull out the plug by tugging the power-cord.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power cord is never crimped or damaged. Check the device and the power-cord from time to time.
- If the lens is obviously damaged, it has to be replaced. So that its functions are not impaired, due to cracks or deep scratches.
- If device is dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- If your Showtec device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showtec dealer for service.
- For adult use only. Device must be installed out of the reach of children. Never leave the unit running unattended.
- Never attempt to bypass the thermostatic switch or fuses.
- For replacement use fuses of same type and rating only.
- The user is responsible for correct positioning and operating of the Compact Par 18 MKII Tour. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.



CAUTION! Eyedamages!!!
Avoid looking directly into the lightsource!!!
(meant especially for epileptics)!!!



Operating Determinations

- This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.
- The minimum distance between light output and the illuminated surface must be more than 1 meter.
- The maximum ambient temperature $t_a = 35^\circ\text{C}$ must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of 35°C .
- If this device is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.
- Any other operation may lead to dangers like short-circuit, burns, electric shock, crash etc.

You endanger your own safety and the safety of others!

Rigging

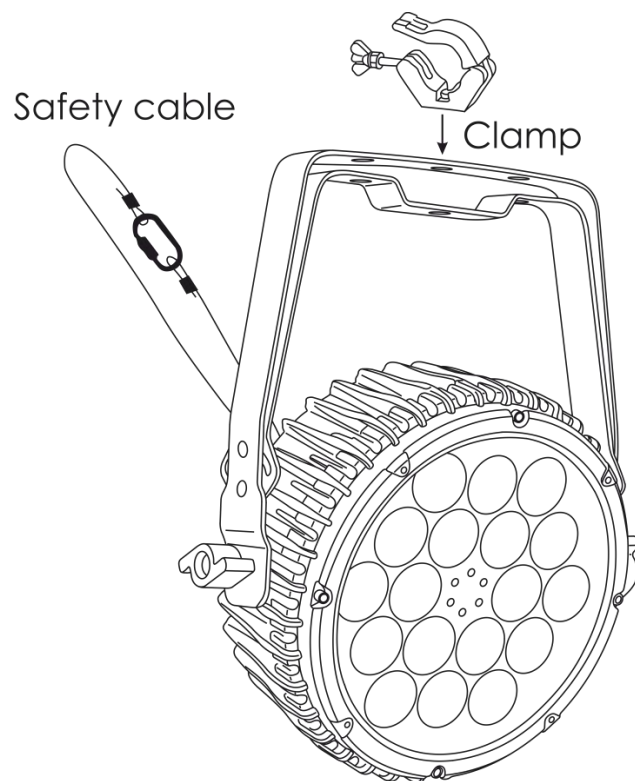
Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.

Do not attempt the installation yourself!

Always let the installation be carried out by an authorized dealer!

Procedure:

- If the Compact Par 18 MKII Tour is lowered from the ceiling or high joists, professional trussing systems have to be used.
- Use a clamp to mount the Compact Par 18 MKII Tour, with the mounting-bracket, to the trussing system.
- The Compact Par 18 MKII Tour must never be fixed swinging freely in the room.
- The installation must always be secured with a safety attachment, e.g. an appropriate safety net or safety cable.
- When rigging, derigging or servicing the Compact Par 18 MKII Tour, always make sure, that the area below the installation place is blocked and staying in the area is forbidden.




The Compact Par 18 MKII Tour can be placed on a flat surface or fitted to any kind of truss with a clamp.

Improper installation can cause serious damage to people and property!

Connection with the mains

Connect the device to the mains with the power-plug.

Always pay attention, that the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	PHASE
N	BLUE	BLACK	SILVER	NEUTRAL
	YELLOW/GREEN	GREEN	GREEN	PROTECTIVE GROUND

Make sure that the device is always connected properly to the earth!

Improper installation can cause serious damage to people and property!



Return Procedure



Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail aftersales@highlite.nl and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:

- 01) Your name
- 02) Your address
- 03) Your phone number
- 04) A brief description of the symptoms

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

Description of the device

Features

The Showtec Compact Par 18 MKII Tour is a compact and powerful parcan with high output and great effects.

- Input voltage: 100-240V AC, 60/50Hz
- LED quantity: 18 x 3W 3-in-1 RGB LEDs
- Power consumption: 60W
- Channel modes: 1, 3, 4, 6 channels
- Color mixing: RGB
- Lumen: 2323
- Light output: 3112 lux @ 2 m
- IP rating: IP20
- Housing: Die-cast aluminum
- DMX control: via standard DMX controller
- Onboard: Display for easy setup
- Control: Auto, Built-in programs, Sound-controlled, Manual color, Master/Slave, DMX-512
- Beam Angle: 28°
- Dimmer: 0-100%
- Strobe: 0-20Hz
- Connections: PowerCON power connector IN/OUT & 3-pin DMX connector IN/OUT
- Cooling: Convection
- Dimensions: 264 x 93 x 295 mm (LxWxH)
- Weight: 2,9 kg

Overview

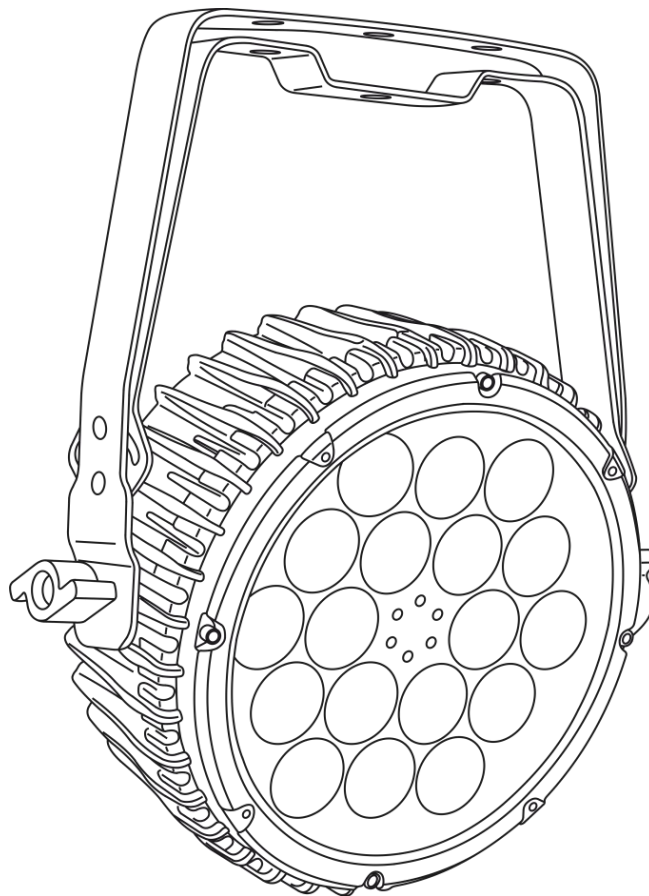


Fig. 01

Frontside

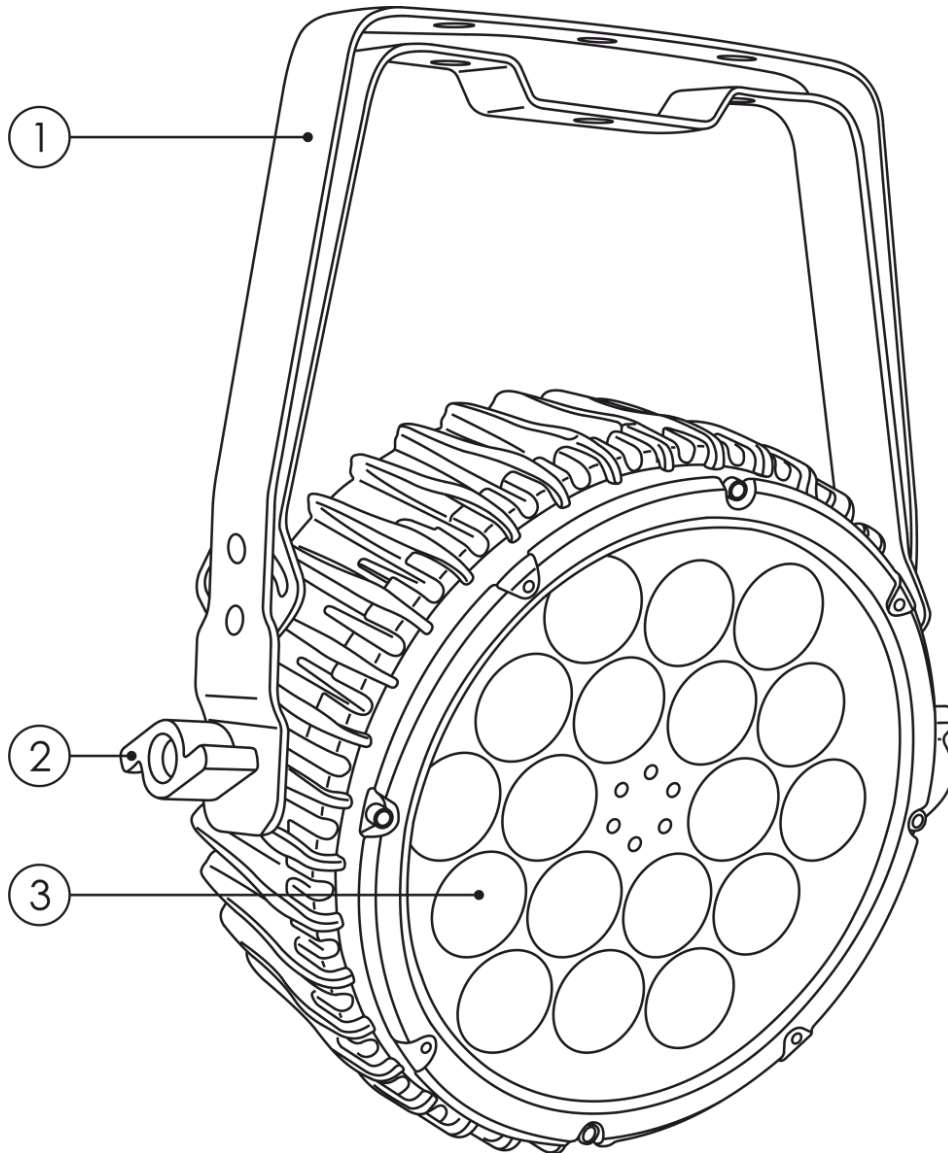


Fig. 02

- 01) Mounting bracket with inclination screw
- 02) Adjustment screw
- 03) 18 x 3W 3-in-1 RGB LEDs

Backside

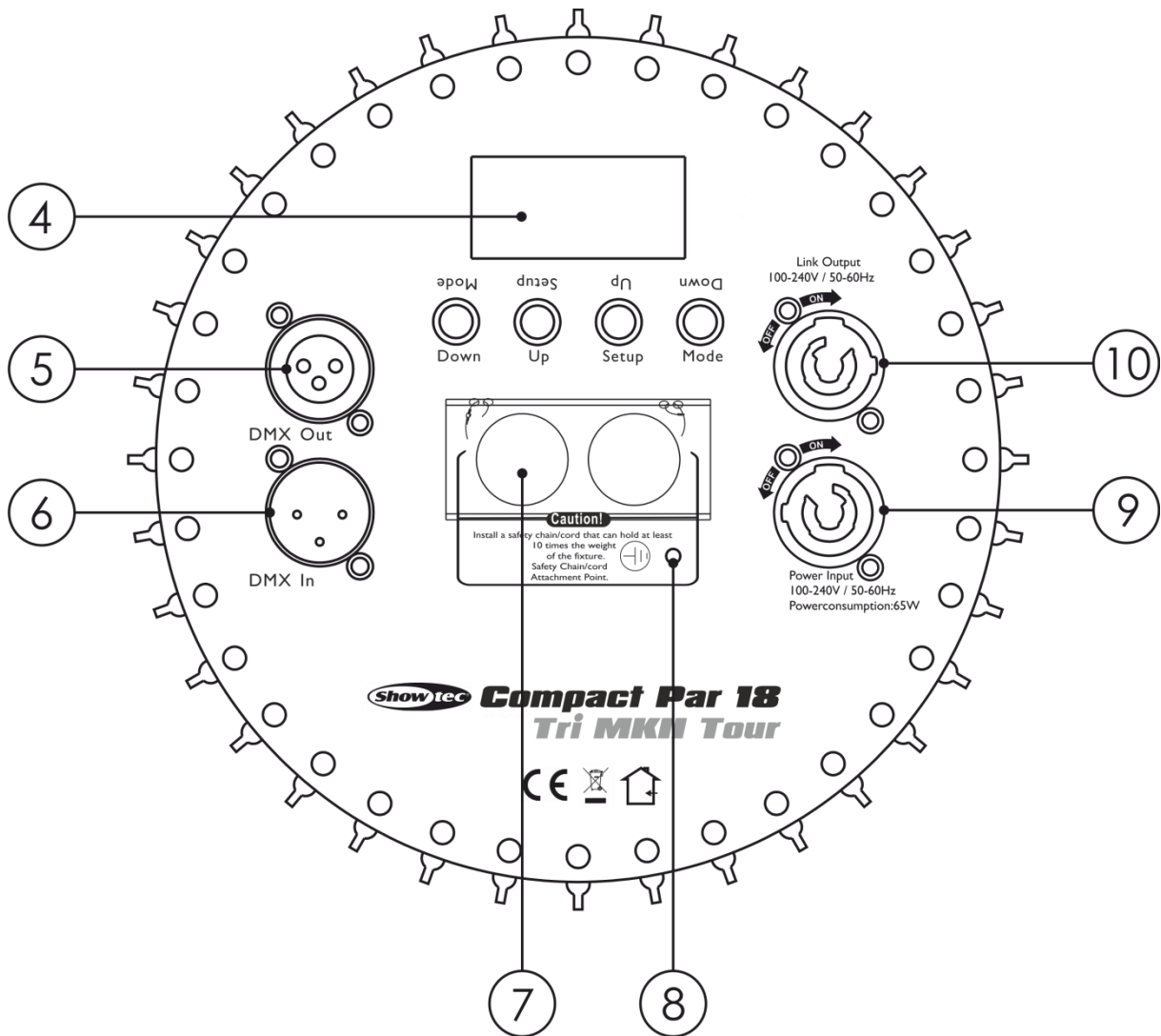


Fig. 03

- 04) LED display + menu buttons
- 05) 3-pin DMX signal connector OUT
- 06) 3-pin DMX signal connector IN
- 07) Safety eye
- 08) Ground/earth connection
- 09) 100-240V PowerCON power connector IN
- 10) 100-240V PowerCON power connector OUT

Installation

Remove all packing materials from the Compact Par 18 MKII Tour. Check that all foam and plastic padding is removed. Connect all cables.

Do not supply power before the whole system is set up and connected properly.
Always disconnect from electric mains power supply before cleaning or servicing.
Damages caused by non-observance are not subject to warranty.

Set Up and Operation

Follow the directions below, as they pertain to your preferred operation mode. Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

Control Modes

There are 6 modes:

- Auto
- Built-in programs
- Sound-controlled
- Manual
- Master/slave
- DMX-512 (1CH, 3CH, 4CH, CH6)

One Compact Par (Auto, Built-in programs, Sound-controlled, Manual)

- 01) Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) When the Compact Par 18 MKII Tour is not connected with a DMX cable, it functions as a stand-alone device.
- 05) Please see pages 14-15 for more information about Auto, Built-in programs, Sound-controlled and Manual control functions.

Multiple Compact Pars (Master/Slave control)

- 01) Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) Use a 3-pin XLR cable to connect the Compact Pars.

The pins:



1. Earth
2. Signal (-)
3. Signal (+)

- 05) Link the units as shown in fig. 04. Connect a DMX signal cable from the first unit's DMX "out" socket to the second unit's "in" socket. Repeat this process to link the second, third, and fourth units. You can use the same functions on the master device as described on pages 14-15 (Auto, Built-in programs, Sound-controlled and Manual). This means that you can set your desired operation mode on the master device and all slave devices will react the same as the master device.

Multiple Compact Pars (Master/Slave control)

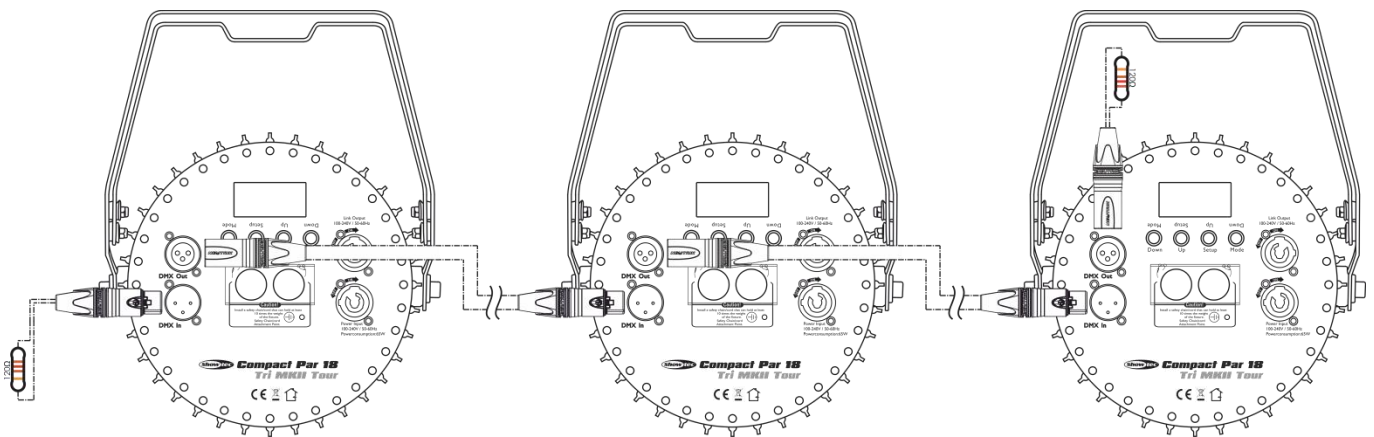
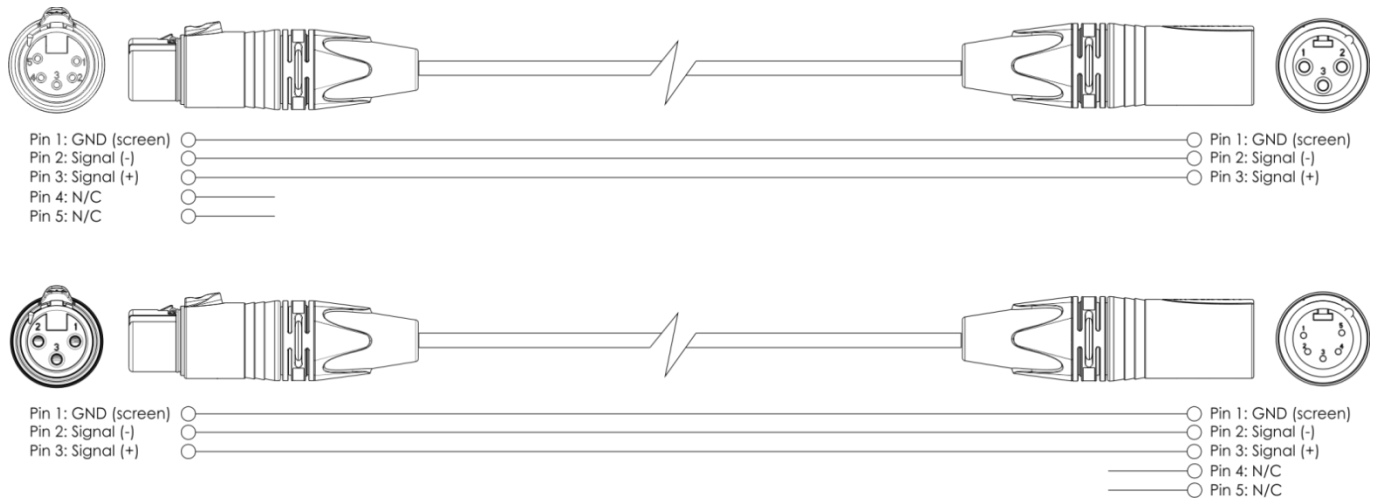


Fig. 04

Multiple Compact Pars (DMX Control)

- 01) Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) Use a 3-pin XLR cable to connect the Compact Par 18 MKII Tour and other devices.



- 05) Link the units as shown in fig. 05. Connect a DMX signal cable from the first unit's DMX "out" socket to the second unit's "in" socket. Repeat this process to link the second, third, and fourth units.
- 06) Supply electric power: Plug electric mains power cords into each unit's PowerCON socket, then plug the other end of the mains power cord into proper electric power supply sockets, starting with the first unit. Do not supply power before the whole system is set up and connected properly.

Multiple Compact Pars DMX Set Up

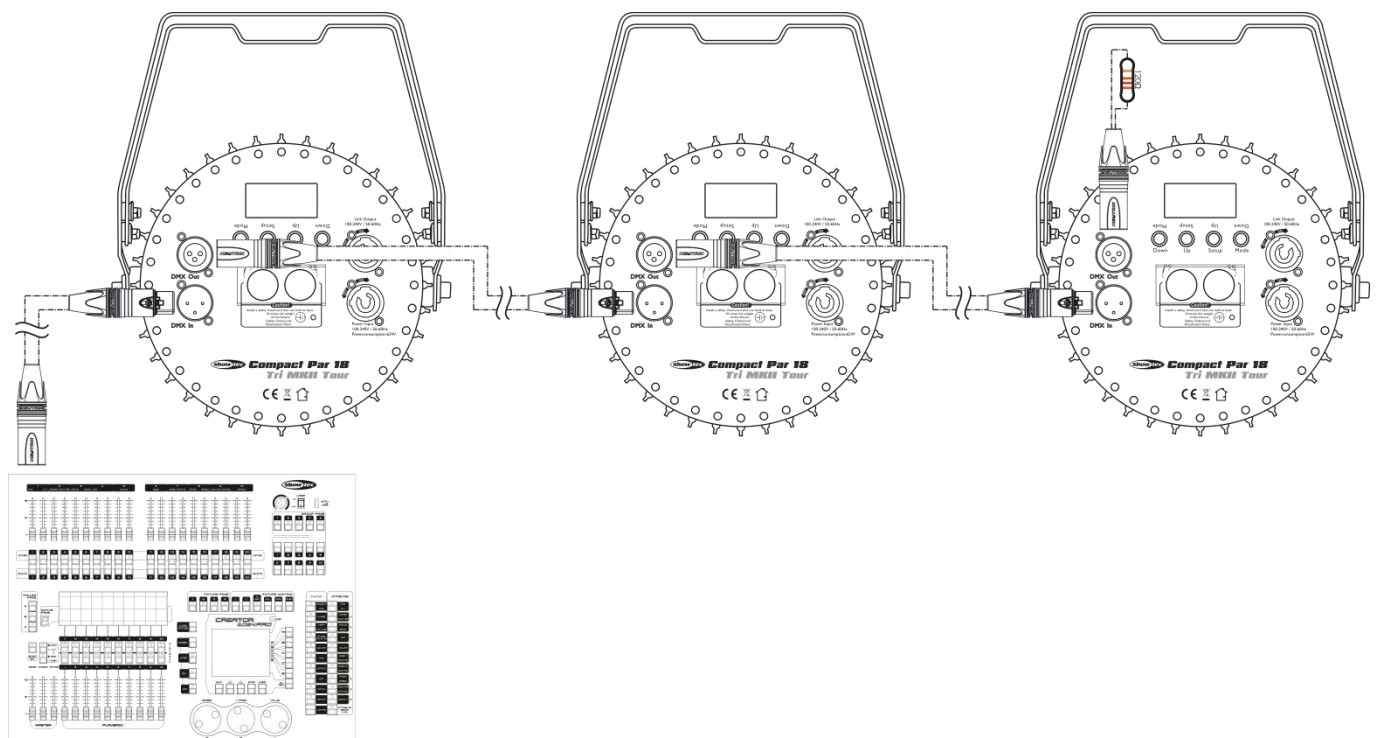



Fig. 05

Note : Link all cables before connecting electric power

Fixture Linking

You will need a serial data link to run light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows on two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

Important: Fixtures on a serial data link must be daisy chained in one single line. To comply with the EIA-485 standard no more than 30 devices should be connected on one data link. Connecting more than 30 fixtures on one serial data link without the use of a DMX optically isolated splitter may result in deterioration of the digital DMX signal.

 Maximum recommended DMX data link distance: 100 meters
Maximum recommended number of Compact Pars on a DMX data link: 30 fixtures
Maximum recommended number of Compact Pars on a Power link: 11 fixtures @110V
Maximum recommended number of Compact Pars on a Power link: 21 fixtures @240V

Data Cabling

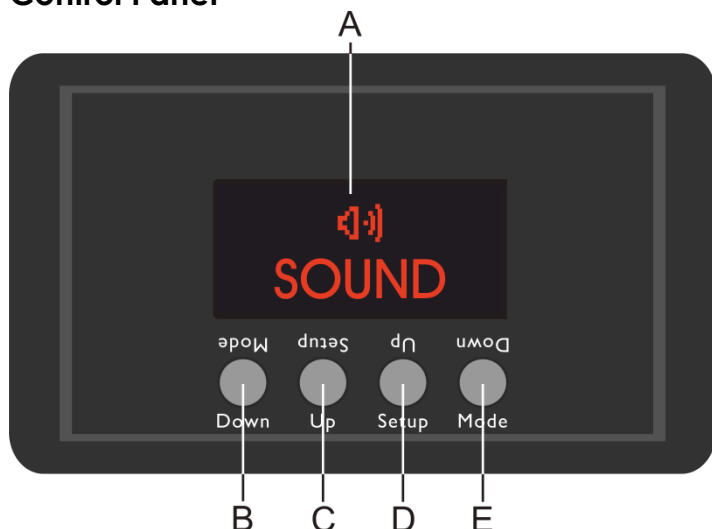
To link fixtures together you must obtain data cables. You can purchase DAP Audio certified DMX cables directly from a dealer/distributor or construct your own cable. If you choose to create your own cable please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

DAP Audio DMX Data Cables

- DAP Audio Basic microphone cable for allround use. bal. XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FL01150 (1,5 m), FL013 (3 m), FL016 (6 m), FL0110 (10 m), FL0115 (15 m), FL0120 (20 m).
- DAP Audio X-type data cable XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FLX0175 (0,75 m), FLX01150 (1,5 m), FLX013 (3 m), FLX016 (6 m), FLX0110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL71150 (1,5 m), FL713 (3 m), FL716 (6 m), FL7110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL7275 (0,75 m), FL72150 (1,5 m), FL723 (3 m), FL726 (6 m), FL7210 (10 m).
- DAP Audio 110 Ohm cable with digital signal transmission. **Ordercode** FL0975 (0,75 m), FL09150 (1,5 m), FL093 (3 m), FL096 (6 m), FL0910 (10 m), FL0915 (15 m), FL0920 (20 m).

The Compact Par 18 MKII Tour can be operated with a controller in control mode or without the controller in stand-alone mode.

Control Panel



- A) LED display
- B) Down button
- C) Up button
- D) Setup button
- E) Mode button

Fig.06

Control Mode

The fixtures are individually addressed on a data-link and connected to the controller. The fixtures respond to the DMX signal from the controller. (When you select the DMX address and save it, the controller will display the saved DMX address the next time.)

DMX Addressing

The control panel on the front side of the base allows you to assign the DMX fixture address, which is the first channel from which the Compact Par 18 MKII Tour will respond to the controller.

Please note when you use the controller, the unit has **6** channels.

When using multiple Compact Pars, make sure you set the DMX addresses right.

Therefore, the DMX address of the first Compact Pars should be **1(001)**; the DMX address of the second Compact Par 18 MKII Tour should be **1+6=7 (007)**; the DMX address of the third Compact Par 18 MKII Tour should be **7+6=13 (013)**, etc.

Please, be sure that you don't have any overlapping channels in order to control each Compact Par 18 MKII Tour correctly. If two or more Compact Pars are addressed similarly, they will work similarly.

Controlling:

After having addressed all Compact Par 18 MKII Tour fixtures, you may now start operating these via your lighting controller.

Note: After switching on, the Compact Par 18 MKII Tour will automatically detect whether DMX 512 data is received or not. If there is no data received at the DMX-input, the "LED" on the control panel will not flash.

The problem may be:

- The XLR cable from the controller is not connected with the input of the Compact Par 18 MKII Tour.
- The controller is switched off or defective, the cable or connector is defective, or the signal wires are swapped in the input connector.

Note: It's necessary to insert a XLR termination plug (with 120 Ohm) in the last fixture in order to ensure proper transmission on the DMX data link.

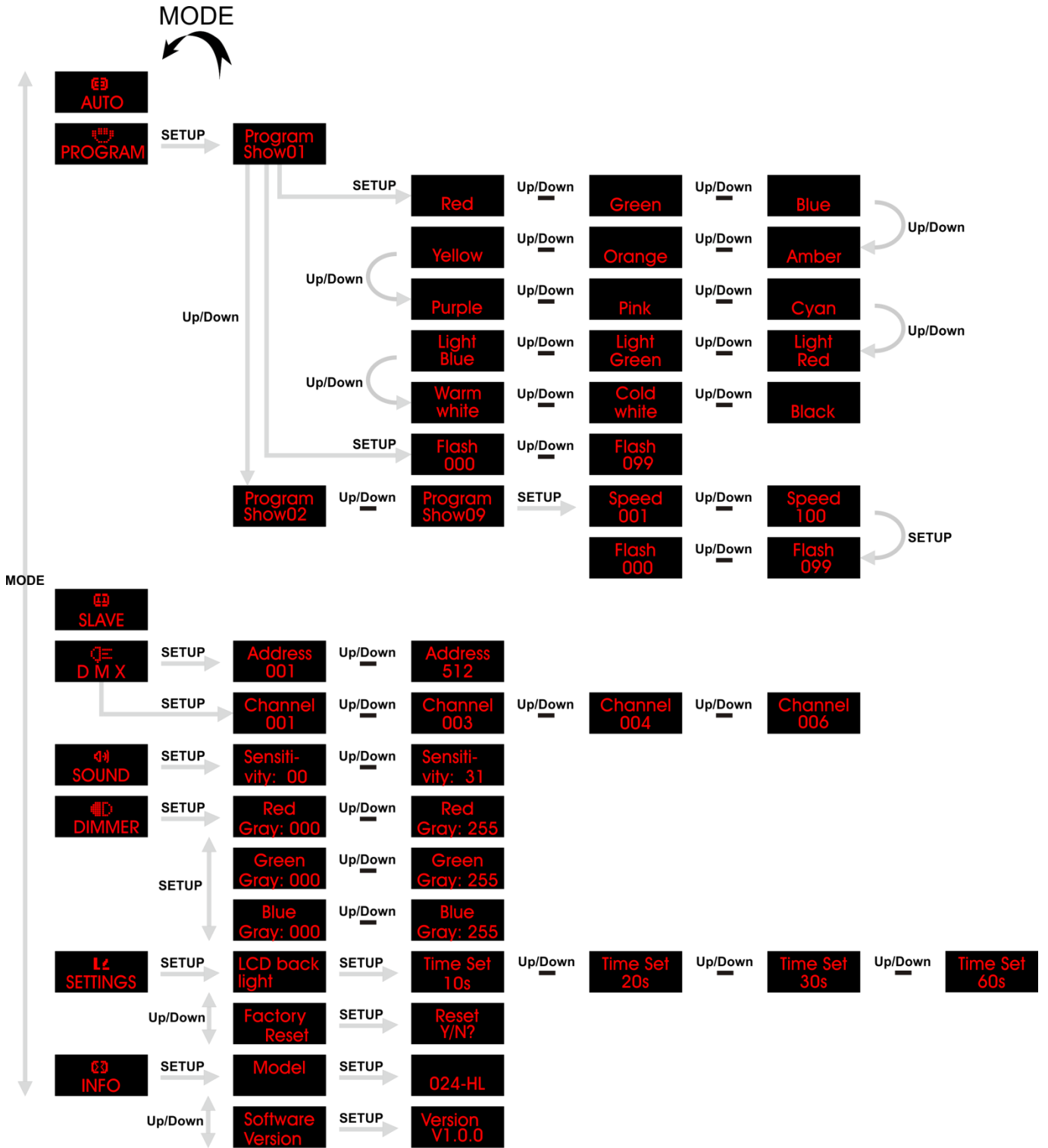
⚠ Display Off after 60 seconds ⚠

When no button is pressed for 60 seconds, the display will turn off.









To light up the display, you have to press the MODE, SETUP, UP or DOWN button.

Once you have pressed the button, the display will light up.

Menu Overview




Main Menu Options

- | | |
|---|----------------------------|
|  | 1. Auto Run |
|  | 2. Built in Programs |
|  | 3. Slave Mode |
|  | 4. DMX Mode |
|  | 5. Sound-controlled Mode |
|  | 6. Dimmer Options (Manual) |
|  | 7. Settings |
|  | 8. System Information |












1. Auto Run

With this menu you can start Auto Run mode.

- 01) Press the **MODE** button until the display shows .
- 02) The Compact Par will now run all the built-in programs in a sequence.

2. Built-in Programs

With this menu you can set the built-in programs.

- 01) Press the **MODE** button until the display shows .
- 02) Press the **SETUP** button to open the menu.
- 03) Press the **UP/DOWN** buttons to toggle through the 9 built-in programs. The adjustment range is between   .
- 04) Once you have selected the desired program, press the **SETUP** button to open.
- 05) If you have chosen , press the **UP/DOWN** buttons to choose the desired color macro. The available color macros are: Red, Green, Blue, Amber, Orange, Yellow, Purple, Pink, Cyan, Light Red, Light Green, Light Blue, Warm White, Cold White, Black.
- 06) Press the **SETUP** button again to proceed to strobe settings.
- 07) Press the **UP/DOWN** buttons to set the strobe frequency. The adjustment range is between   , from low to high frequency.
- 08) Return to step 4. If you have chosen one of the programs   , press the **SETUP** button to enter the menu.
- 09) Repeatedly press the **SETUP** button to toggle between strobe and program speed settings.
- 10) Press the **UP/DOWN** buttons to adjust the values.

   Program speed, from slow to fast

   Strobe frequency, from low to high frequency





3. Slave Mode

With this menu you can set the device as a slave device.


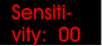

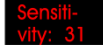
- 01) Press the **MODE** button until the display shows .
- 02) If the device has not been set to slave, it is automatically classified as a master device. All slave devices will follow the master. If the device has been set to slave, it will react the same as its master device.

4. DMX Mode

With this menu you can set the DMX address and the desired DMX channel mode.


- 01) Press the **MODE** button until the display shows .
- 02) Press the **SETUP** button to open the menu.
- 03) Press the **UP/DOWN** buttons to select the desired DMX address. The adjustment range is between   .
- 04) Press the **SETUP** button again to proceed to the channel mode selection.
- 05) Press the **UP/DOWN** buttons to choose one of the 4 channel modes: 1 channel, 3 channels, 4 channels, 6 channels.

5. Sound-controlled Mode


- 01) Press the **MODE** button until the display shows .
- 02) Press the **SETUP** button to open the menu.
- 03) Press the **UP/DOWN** buttons to set the sound sensitivity. The adjustment range is between   , from OFF to high sound sensitivity.

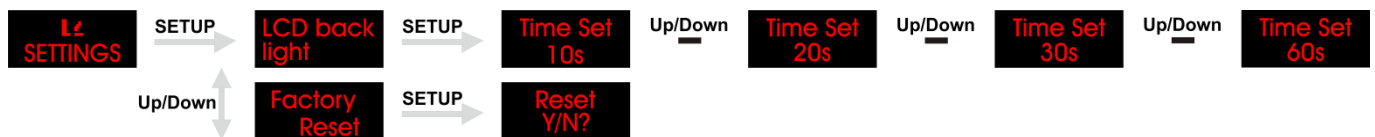
6. Dimmer Options (Manual)





With this menu you can manually set the desired color.

- 01) Press the **MODE** button until the display shows .
- 02) Press the **SETUP** button to open the menu.
- 03) Press the **SETUP** button to toggle through the 3 colors: Red, Green and Blue.
- 04) Press the **UP/DOWN** buttons to set the color brightness. The adjustment range is between 0-255, from dark to brightest.
- 05) You can combine Red, Green and Blue to create an infinite range of colors (0-255).






7. Settings

- 01) Press the **MODE** button until the display shows .
- 02) Press the **SETUP** button to open the menu.



- 03) Press the **UP/DOWN** buttons to choose between the 2 available menus:  and .
- 04) Press the **SETUP** button to open the desired menu.
- 05) In  menu you can set how long the display will remain on, when no button is pressed.
- 06) Press the **UP/DOWN** buttons to choose between 10, 20, 30 or 60 seconds.
- 07) In  menu you can restore the factory settings.
- 08) Press the **SETUP** button to open the menu and then press the **SETUP** buttons to confirm or the **MODE** button to return to the previous menu.
- 09) The factory settings will now be restored.

8. System Information

- 01) Press the **MODE** button until the display shows .
- 02) Press the **SETUP** button to open the menu.
- 03) Press the **UP/DOWN** buttons to choose between the 2 menus:  and .
- 04) Press the **SETUP** button to open the desired menu.
- 05) In  menu, you can view the device's current model number.
- 06) In the menu  you can view the current software version.

DMX Channels**1 Channel****Channel 1 – Color macros**

0-17	Black
18-35	Red
36-53	Green
54-71	Blue
72-89	Amber
90-107	Orange
108-125	Yellow
126-143	Purple
144-161	Pink
162-179	Cyan
180-197	Light Red
198-215	Light Green
216-233	Light Blue
234-251	Warm White
252-255	Cold White

3 Channels**Channel 1 – Red dimmer intensity**

0-255	Red, from 0 – 100%
-------	--------------------

Channel 2 – Green dimmer intensity

0-255	Green, from 0 – 100%
-------	----------------------

Channel 3 – Blue dimmer intensity

0-255	Blue, from 0 – 100%
-------	---------------------

4 Channels**Channel 1 – Dimmer**

0-255	From dark to brightest
-------	------------------------

Channel 2 – Red dimmer intensity (⚠ Dimmer must be open ⚠)

0-255	Red, from 0 – 100%
-------	--------------------

Channel 3 – Green dimmer intensity (⚠ Dimmer must be open ⚠)

0-255	Green, from 0 – 100%
-------	----------------------

Channel 4 – Blue dimmer intensity (⚠ Dimmer must be open ⚠)

0-255	Blue, from 0 – 100%
-------	---------------------

6 Channels

Channel 1 – Dimmer

0-255 From dark to brightest

Channel 2 – Red dimmer intensity (⚠ Dimmer must be open and CH6 must be set to 0 ⚠)

0-255 Red, from 0 – 100%

Channel 2 – Color macros (⚠ Dimmer must be open and CH6 must be set between 1-27 ⚠)

0-17 Black

18-35 Red

36-53 Green

54-71 Blue

72-89 Amber

90-107 Orange

108-125 Yellow

126-143 Purple

144-161 Pink

162-179 Cyan

180-197 Light Red

198-215 Light Green

216-233 Light Blue

234-251 Warm White

252-255 Cold White

Channel 2 – Program speed (⚠ Dimmer must be open and CH6 must be set between 28-251 ⚠)

0-255 Program speed, from slow to fast

Channel 3 – Green dimmer intensity (⚠ Dimmer must be open and CH6 must be set to 0 ⚠)

0-255 Green, from 0 – 100%

Channel 4 – Blue dimmer intensity (⚠ Dimmer must be open and CH6 must be set to 0 ⚠)

0-255 Blue, from 0 – 100%

Channel 5 – Strobe (⚠ Dimmer and CH2-4 must be open ⚠)

0-255 Strobe frequency, from low to high frequency

Channel 6 – Control modes

0 Manual mode

1-27 Color macros

28-251 Built-in programs

252-255 Sound-controlled

Maintenance

The operator has to make sure that safety-related and machine-technical installations are to be inspected by an expert after every year in the course of an acceptance test.

The operator has to make sure that safety-related and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:

- 01) All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
- 02) There may not be any deformations on housings, fixations and installation spots.
- 03) Mechanically moving parts like axles, eyes and others may not show any traces of wearing.
- 04) The electric power supply cables must not show any damages or material fatigue.

The Compact Par 18 MKII Tour requires almost no maintenance. However, you should keep the unit clean.

Otherwise, the fixture's light output will be significantly reduced. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Wipe lens clean with glass cleaner and a soft cloth. Do not use alcohol or solvents.

The front lens will require weekly cleaning, as smoke-fluid tends to build up residues, reducing the light-output very quickly.

Please clean internal components once a year with a light brush and vacuum cleaner.

Keep connections clean. Disconnect electric power, and then wipe the DMX connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Troubleshooting

No Light

If the light effect does not operate properly, refer servicing to a technician.

Suspect three potential problem areas as: the power supply and the LEDs.

- 01) Power supply. Check that the unit is plugged into an appropriate power supply.
- 02) The LEDs. Return the Compact Par to your Showtec dealer.
- 03) If both appear to be O.K., plug the unit in again.
- 04) If you are unable to determine the cause of the problem, do not open the Compact Par, as this may damage the unit and the warranty will become void.
- 05) Return the device to your Showtec dealer.

No Response to DMX

Suspect the DMX cable or connectors, a controller malfunction, a light effect DMX card malfunction.

- 01) Check the DMX setting. Make sure that DMX addresses are correct.
- 02) Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
- 03) Determine whether the controller or light effect is at fault. Does the controller operate properly with other DMX products? If not, take the controller in for repair. If so, take the DMX cable and the light effect to a qualified technician.

Restore Factory Settings

You can discard all data by restoring the factory settings.

- 01) Press and hold down the **MODE** and **SETUP** buttons for 3 seconds.
- 02) The display will show  and the settings will have been reset.

Problem	Probable cause(s)	Solution
One or more fixtures do not function at all	No power to the fixture	<ul style="list-style-type: none"> • Check if power is switched on and cables are plugged in
Fixtures reset correctly, but all respond erratically or not at all to the controller	The controller is not connected. 3-pin XLR Out of the controller does not match XLR Out of the first fixture on the link (i.e. signal is reversed)	<ul style="list-style-type: none"> • Connect controller. • Install a phase reversing cable between the controller and the first fixture on the link
Fixtures reset correctly, but some respond erratically or not at all to the controller	Poor data quality	<ul style="list-style-type: none"> • Check data quality. If much lower than 100 percent, the problem may be a bad data link connection, poor quality or broken cables, missing termination plug, or a defective fixture disturbing the link
	Bad data link connection	<ul style="list-style-type: none"> • Inspect connections and cables. Correct poor connections. Repair or replace damaged cables
	Data link not terminated with 120 Ohm termination plug	<ul style="list-style-type: none"> • Insert termination plug in output jack of the last fixture on the link
	Incorrect addressing of the fixtures	<ul style="list-style-type: none"> • Check address setting
	One of the fixtures is defective and disturbs data transmission on the link	<ul style="list-style-type: none"> • Bypass one fixture at a time until normal operation is restored: unplug both connectors and connect them directly together. • Have the defective fixture serviced by a qualified technician
No light or lamp cuts out intermittently	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed)	<ul style="list-style-type: none"> • Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture that behaves erratically
	Fixture is too hot	<ul style="list-style-type: none"> • Allow the fixture to cool down • Make sure that air vents are not blocked • Turn up the air conditioning
	LEDs damaged	<ul style="list-style-type: none"> • Disconnect the fixture and return it to your dealer
	The power supply settings do not match local AC voltage and frequency	<ul style="list-style-type: none"> • Disconnect fixture. Check settings and correct if necessary

Product Specification

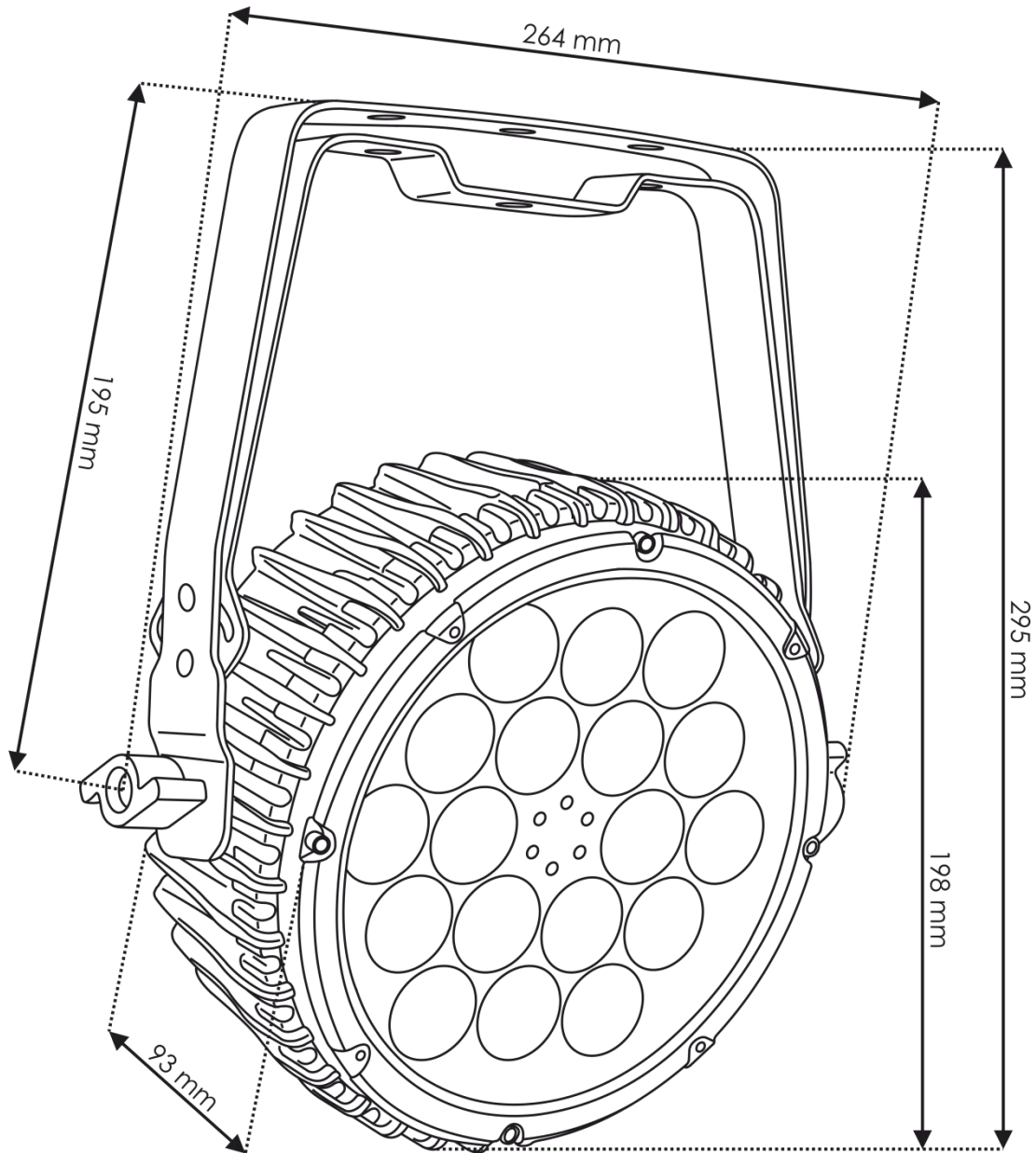
Model:	Showtec Compact Par 18 MKII Tour
Input voltage:	100-240V AC, 60/50Hz
Power consumption:	60W
Dimensions:	264 x 93 x 295 mm (LxWxH)
Weight:	2,9 kg
Operation and Programming	
Signal pin OUT:	pin 1 earth, pin 2 (-), pin 3 (+)
Set Up and Addressing:	LED control panel
DMX Channels:	1, 3, 4, 6 channels
Signal input:	3-pin XLR IN
Signal output:	3-pin XLR OUT
Electro-mechanical effects	
Light source:	18 x 3W 3-in-1 RGB LEDs
Color mixing:	RGB
Lumen:	2323
Light output:	3112 lux @ 2 m
IP rating:	IP20
Housing:	Die-cast aluminum
DMX control:	Via standard DMX controller
Onboard:	Display for easy setup
Control:	Auto, Built-in programs, Sound-controlled, Manual color, Master/Slave, DMX-512
Beam angle:	28°
Dimmer:	0-100%
Strobe:	0-20Hz
Connections:	PowerCON power connector IN/OUT & 3-pin DMX connector IN/OUT
Cooling:	Convection
Max. ambient temperature t_a :	40°C
Max. housing temperature t_B :	80°C
Minimum distance:	
Min. distance from flammable surfaces:	0.5 m
Min. distance to lighted object:	1 m

Design and product specifications are subject to change without prior notice.



Website: www.Showtec.info
 Email: service@highlite.nl

Dimensions





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