Compact Par 108/10 Value Line

ORDERCODE 42593



SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from Showtec.
The Showtec Compact Par 108/10 Value Line brings excitement to any venue.

You can rely on Showtec, for more excellent lighting products.
We design and manufacture professional light equipment for the entertainment industry.
New products are being launched regularly. We work hard to keep you, our customer, satisfied.
For more information: iwant@showtec.info

You can get some of the best quality, best priced products on the market from Showtec.
So next time, turn to Showtec for more great lighting equipment.
Always get the best -- with Showtec !

Thank you!

Showtec

Showtec Compact Par 108/10 Value Line ™ Product Guide

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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:

- Compact Par 108/10 Value Line with IEC powercable 1,5m
- 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. It is estimated that a viable lifespan of 40,000 to 50,000 hours will be achieved under normal operational conditions. If improving on this 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!

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

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 leave any cables lying around.
- Do not insert objects into air vents.
- Do not connect this device to a dimmerpack.
- Do not open the device and do not modify the device.
- Never use the device during thunderstorms, unplug the device immediately.
- Never look directly into the light source.
- Do not switch the device on and off in short intervals, as this would reduce the system's life.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use device indoor, 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.
- Avoid flames and do not put close to flammable liquids or gases.
- 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 external cable is damaged, it has to be replaced by a qualified technician.
- 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. Light effect must be installed out of the reach of children. Never leave the unit running unattended.
- For replacement use fuses of same type and rating only.
- The user is responsible for correct positioning and operating of the Compact Par 108/10 Value Line. 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.
- During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.
- 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 light source.
(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 0.8 meter.
- The maximum ambient temperature t_a = 45°C must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of 45° 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!

Improper installation can cause serious damage to people and property !

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 108/10 Value Line is lowered from the ceiling or high joists, professional trussing systems have to be used.
- Use a clamp to mount the Compact Par 108/10 Value Line, with the mounting-bracket, to the trussing system.
- The Compact Par 108/10 Value Line 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 device, always make sure, that the area below the installation place is blocked and staying in the area is forbidden.



The Compact Par 108/10 Value Line can be mounted in a hanging position (Fig. Above) or Upright (Fig. Below), using the support brackets. Mounting the Compact Par 108/10 Value Line with a clamp or any other mounting bracket is recommended, depending on the requirements of your application.



The Compact Par 108/10 Value Line can be placed on a flat stage floor or mounted to any kind of truss by a clamp.

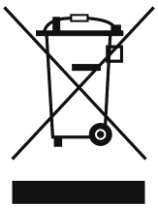
Improper installation can cause serious damage to people and property !

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	FASE
N	BLUE	BLACK	SILVER	NUL
⏚	YELLOW/GREEN	GREEN	GREEN	EARTH

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



⚠ 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:

1) Your name
2) Your address
3) Your phone number
4) A brief description of the symptoms

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any short-comings 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 108/10 Value Line is a light effect with high output and great effects.

- Great product for every DJ or in venues with limited space
- Very lightweight
- Compact flat Par Housing
- Stylish design
- Power Supply: 100-240V AC
- Easy Link Up to 15 units
- Convection cooling, 100% silent
- Flicker Free (Suitable for TV Studio)
- Peak Power 75 Watt; Continuous Power 30 Watt
- Drive Current: 350mA
- Refresh rate: 7,8 KHz
- Equipped with 108 10mm LEDs
- LED Quantity: 36x Red, 36x Green, 36x Blue LEDs
- 4 Digits LED Control Display
- Double bracket
- Lux @2m: 1000+
- Max Distance: 10m
- Colour range: 16,7 million additive colors
- Control Mode: DMX512
- DMX channels: 1, 3, 4, 6
- Dimmer: 0-100%
- Strobe: 0-20Hz
- Beam Angle: 30°
- Control: Built-in Programs, Auto, Sound-controlled, Master/Slave, DMX
- DMX-controlled
- Music-controlled via built-in microphone
- 3-pin DMX In and 3-pin DMX Out (XLR 3 Pin)
- IEC In and IEC Out
- Housing: Flame Retardant Plastic (V0)
- Available product colors: Black (**42593**)or Clear (**42594**)
- IP Rating: IP-20
- Dimensions: 275 x 250 x 85 mm(LxWxH)
- Weight: 1,12 kg
- Fuse 2A / 250V

Overview



Fig. 1

1) Mountingbracket with adjustment screw
2) Lenses

Backside

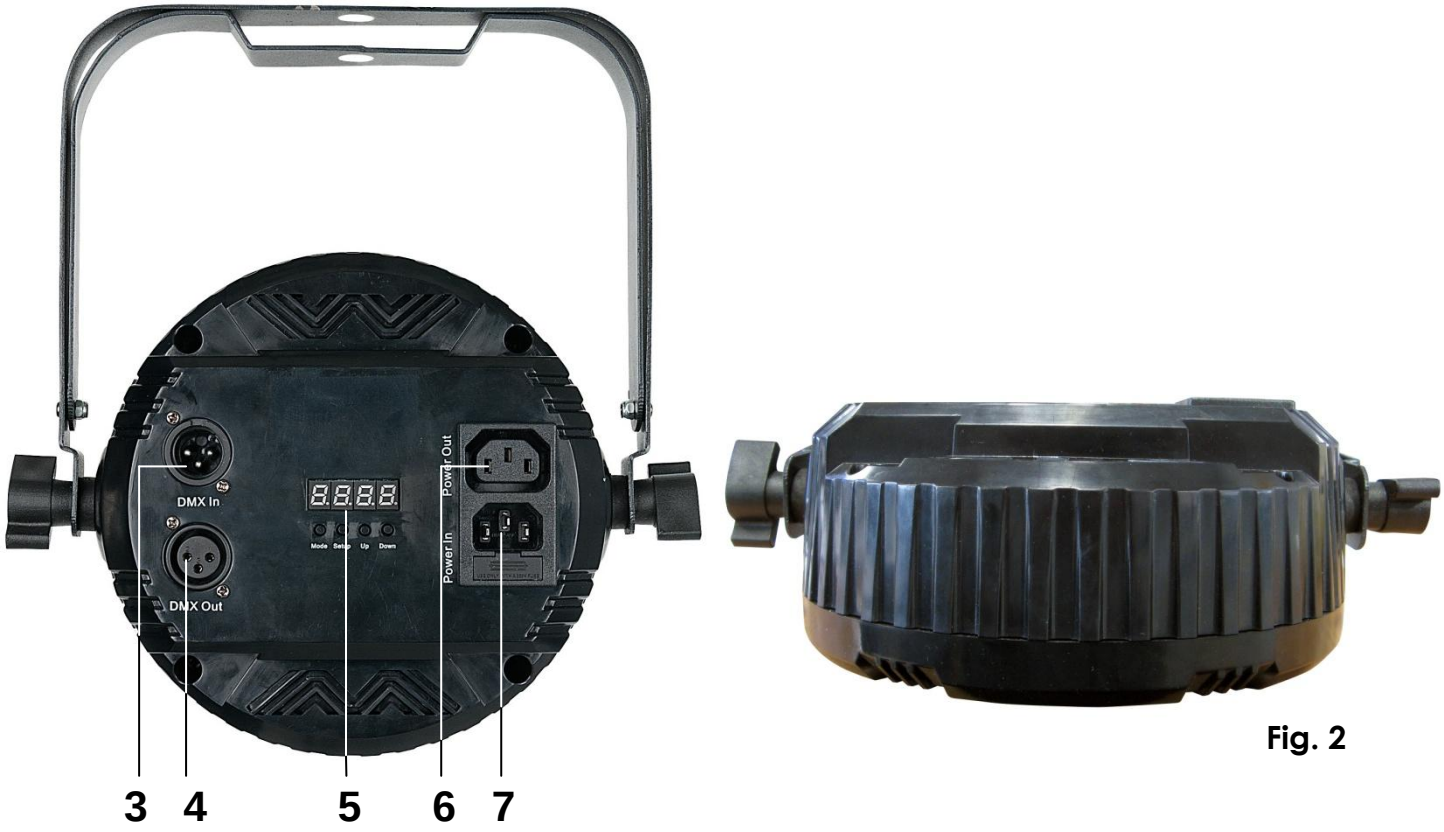


Fig. 2

3) 3-pin DMX In
4) 3-pin DMX Out
5) LCD Display + Menu Buttons Earth connection
6) IEC Out (linkable max. 15 units)
7) IEC In + Fuse 1A/250V

Installation

Remove all packing materials from the Compact Par 108/10 Value Line. Check that all foam and plastic padding is removed. Connect all cables.
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.
Damages caused by non-observance are not subject to warranty.

Control Modes

FUNCTIONS:

There are 5 modes:

- Select built-in programs
- Auto run (visual effects)
- Sound-controlled
- Master/Slave
- DMX512

One Compact Par (Built-in Programs)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. When the Compact Par is not connected by a DMX-cable, it functions as a stand-alone device. Please see page 12 for more information about the built-in programs.

One Compact Par (Auto run visual effects)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. When the Compact Par is not connected by a DMX-cable, it functions as a stand-alone device. Please see page 13 for more information about the Auto run visual effects.

One Compact Par (Sound-control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. Turn on the music. If the device is set to SU00, then the Compact Par will react to the beat of the music. Please see page 13 for more information about the sound-control options.

Multiple Compact Pars (Master/Slave control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. Use a 3-p XLR cable to connect the Compact Par 108/10 Value Line.
   The pins:



1. Earth
2. Signal -
3. Signal +

3. Link the units as shown in (Fig. 3), 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 page 12 and 13 (Built-in Programs, Autorun or Music control). This means on the master device you can set your desired operation Mode and all slave devices will react the same as the master device.

Multiple Compact Pars (Master/Slave control)

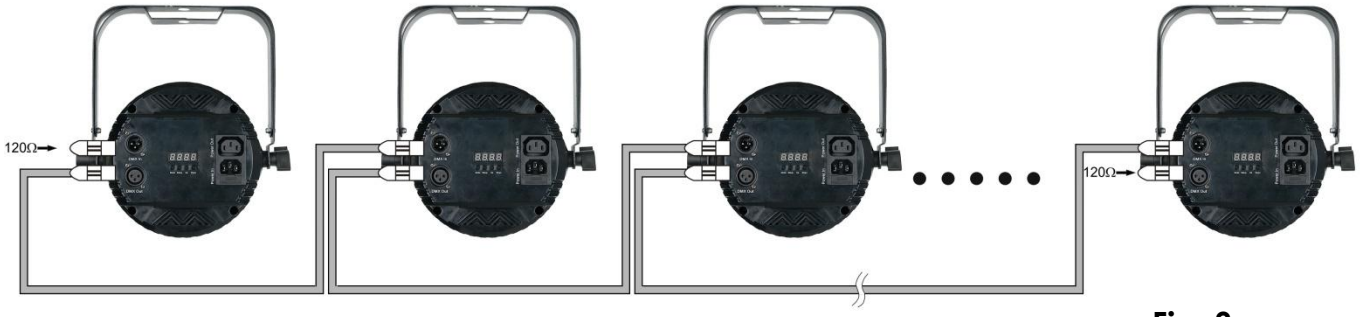
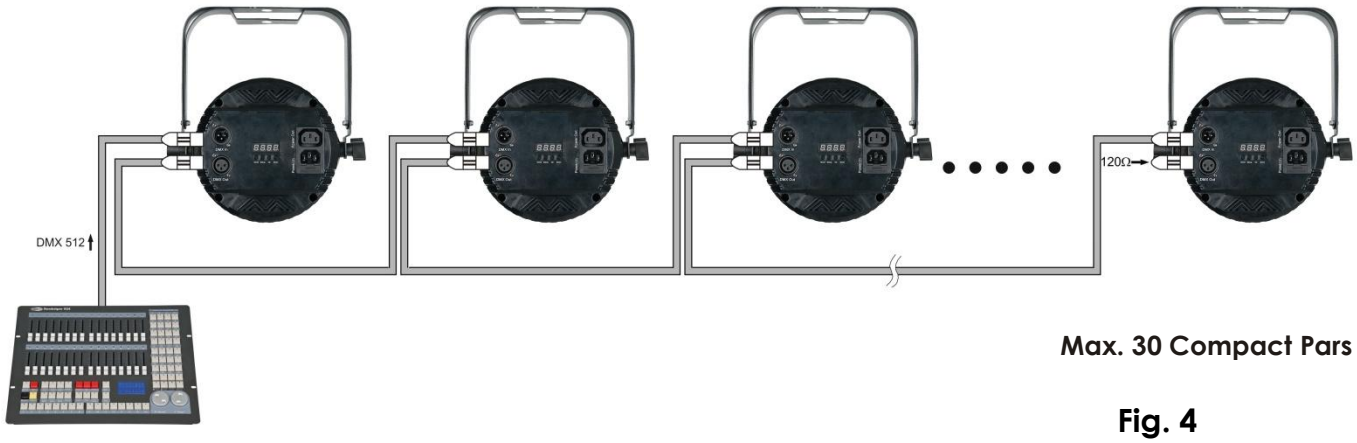


Fig. 3

Multiple Compact Pars (DMX Control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. Plug the end of the electric mains power cord into a proper electric power supply socket.
3. Use a 3-p XLR cable to connect the Compact Pars.
4. Link the units as shown in (figure 4), 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.
5. Supply electric power: Plug the end of the mains power cord into proper electric power supply sockets. Do so for all units and the controller.

Multiple Compact Pars Pro Set Up



Max. 30 Compact Pars

Fig. 4

Note : Link all DMX cables and set dip switches before connecting electric power

6. Do not supply power before the whole system is set up and connected properly. Design your show according to your DMX controller functions. See page 13 for more about DMX programming.

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
@ 220V: 30 units may be connected in series
@120V: 15 units may be connected in series

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 Certified DMX Data Cables

- DAP Audio cable for allround use. bal. XLR/M 3 p. > XLR/F 3 p.
  Ordercode FL01150 (1,5m.), FL013 (3m.), FL016 (6m.), FL0110 (10m.), FL0115 (15m.), FL0120 (20m.).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL71150 (1,5m.), FL713 (3m.), FL716 (6m.), FL7110 (10m.).

Control Panel

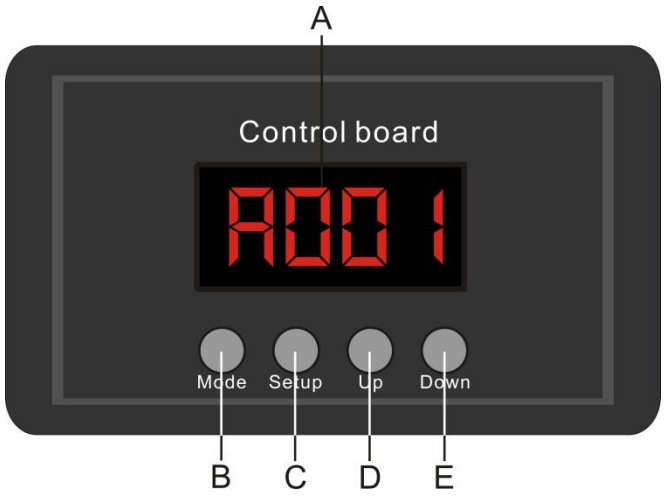


Fig. 5

A. LED Display
B. MODE Button
C. SETUP Button
D. Up Button
E. Down Button

DMX 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.

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 will respond to the controller.
Please note when you use the controller, the unit has max. **6** channels.
When using multiple Compact Pars, make sure you set the DMX addresses right.
Therefore, the DMX address of the first Compact Par should be **1(001)**; the DMX address of the second Compact Par should be **1+6=7**; the DMX address of the third Compact Par should be **7+6=13**, etc.
Please, be sure that you don't have any overlapping channels in order to control each Compact Par correctly. If two or more Compact Pars are addressed similarly, they will work similarly.
For address settings, please refer to the instructions under "Addressing' (menu d001)

Controlling:
After having addressed all Compact Pars, you may now start operating these via your lighting controller.
Note: After switching on, the Compact Par will automatically detect whether DMX 512 data is received or not.
The problem may be:

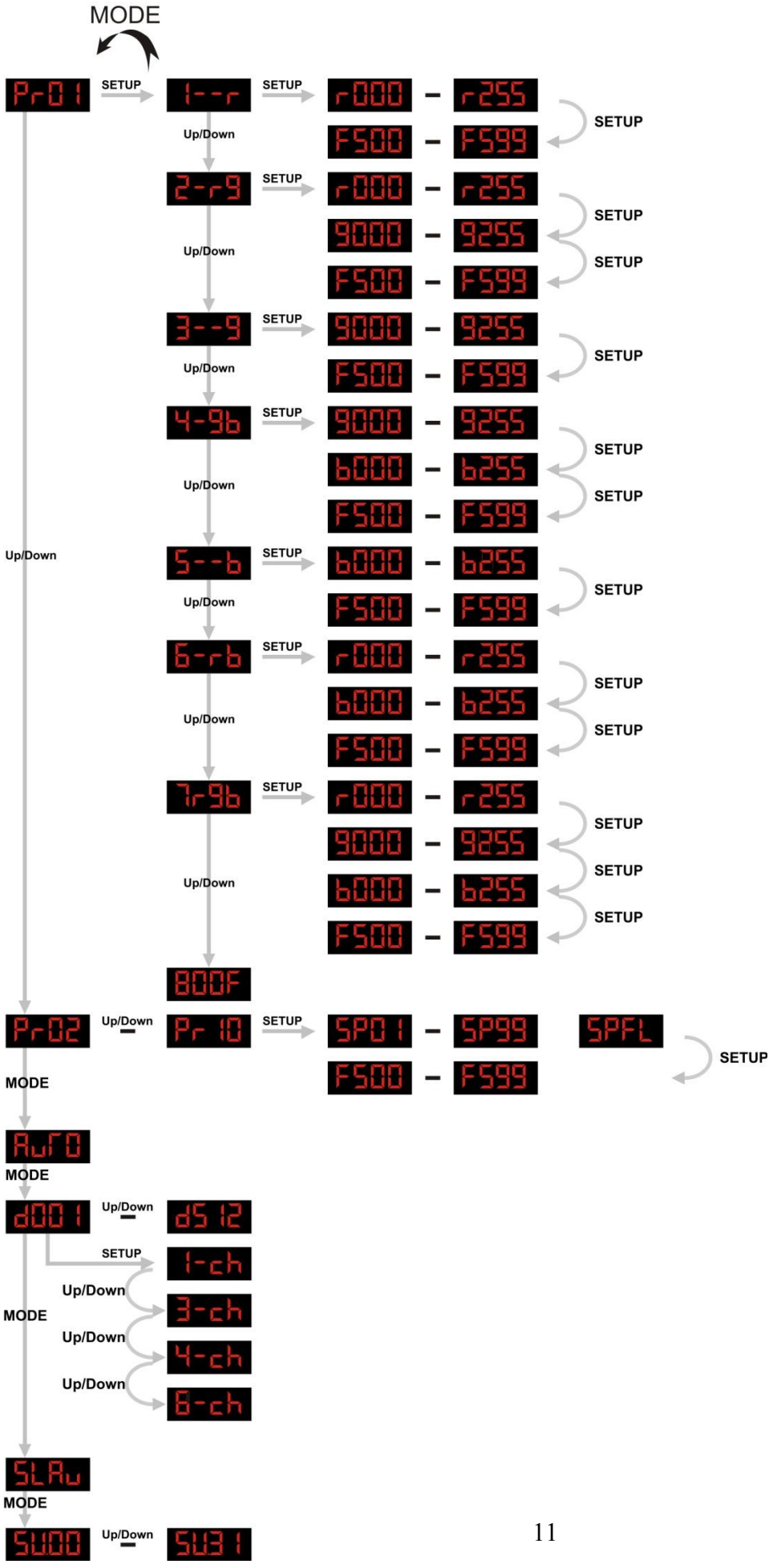
- The XLR cable from the controller is not connected with the input of the Compact Par.
- The controller is switched off or defective, the cable or connector is detective, or the signal wires are swapped in the input connector.

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 20 seconds ⚠

When no button is pressed for 20 seconds, the display will dim. The display will light up, when one of the four buttons is pressed again.

Menu Overview



Main Menu Options



1. Built-in Programs
2. Auto
3. DMX address
4. Slave
5. Sound controlled

The Compact Par 108/10 Value Line will only show its version number at start-up !



1. Built-in Programs

1) Press the **MODE** button on the device, until the display shows 

.

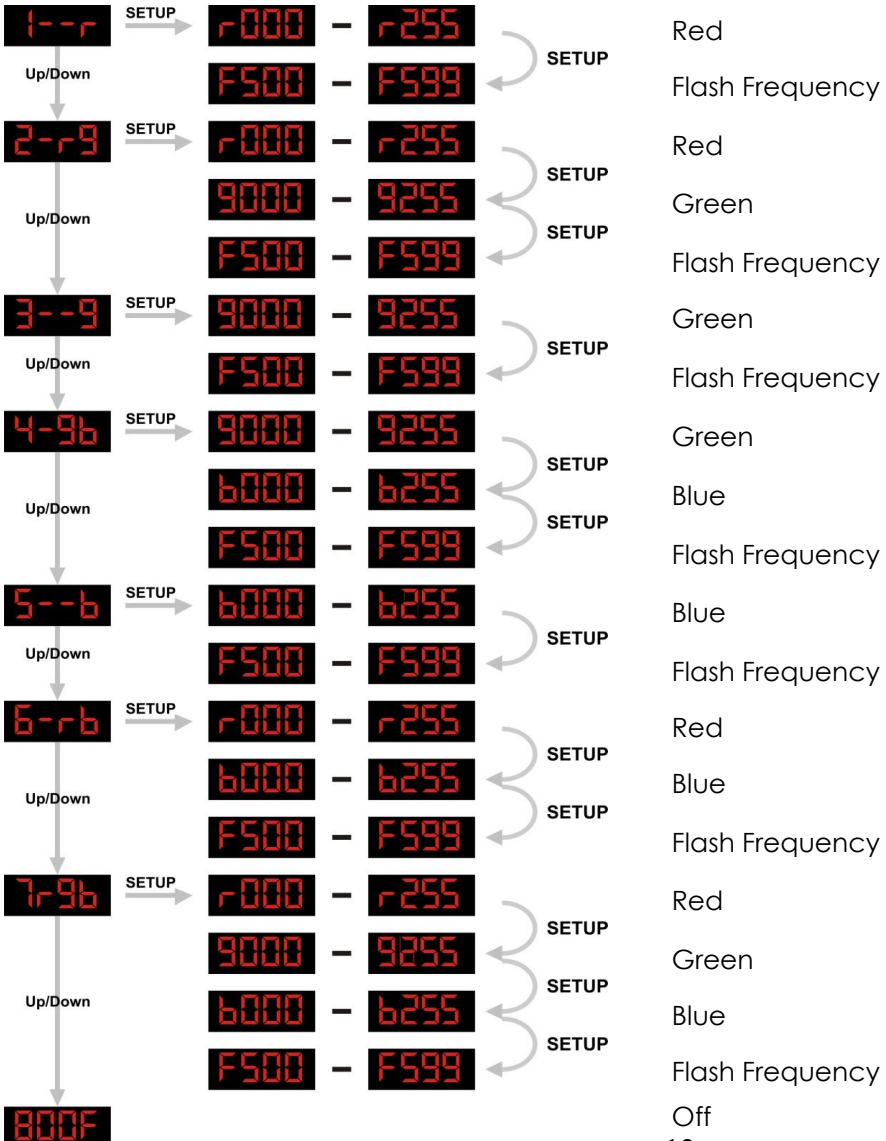
2) With this menu you can set the Built-in Program Mode of the Compact Par.
You can choose 10 built-in programs 

Up/Down 

, by using the Up / Down buttons.

3) When you select 

, you can use a wide variety of manual color settings.
Press **Setup** to switch between the built-in programs Menu.



4) When you select  Up/Down  , you can press **Setup** to switch between the built-in programs Menu.

5) You can choose 2 different sub menus.

 –   Program Running Speed from 01-99 and FL

 –  Flash Frequency from 00-99

Use the **Setup** button to scroll through the menu.

2. Auto Run Program

1) Press the **MODE** button on the device, until the display shows  .

2) With this menu you can set the Auto Mode of the Compact Par.

3. DMX Mode

With this menu you can set the DMX address.

1) Press the **MODE** button, until the display shows  .

2) You can choose 512 different DMX addresses.
Use the Up / Down buttons to select the required address from  Up/Down  .

3) You can also press the **SETUP** button to set 4 different DMX Modes.
Use the Up / Down buttons to select the required Mode.

 1 Channel

 3 Channels

 4 Channels

 6 Channels

4. Slave Mode

When the display shows:  , the device is a slave device. It will now react the same as its master.

5. Sound control Mode

1) Press the **MODE** button on the device, until the display shows  . Turn on the music and the Compact Par will react to the beat of the music.

 Up/Down 

You can adjust the sensitivity from low sensitive to high sensitive.

DMX Channels

1 Channel 

Channel 1 – Color Macro's

0	No Function
1-22	Red
23-45	Green
46-68	Blue
69-91	Cyan
92-114	Yellow
115-137	Orange
138-160	Pink
161-183	Purple
184-206	Dark Blue
207-229	Light Green
230-252	White
253-255	Cool White

3 Channels 

Channel 1 – Red

0-255	Red gradual color brightness from 0 to 100%

Channel 2 – Green

0-255	Green gradual color brightness from 0 to 100%

Channel 3 – Blue

0-255	Blue gradual color brightness from 0 to 100%

4 Channels 

Channel 1 – Master Dimmer

0-255	Brightness from 0 to 100%

Channel 2 – Red

0-255	Red gradual color brightness from 0 to 100%

Channel 3 – Green

0-255	Green gradual color brightness from 0 to 100%

Channel 4 – Blue

0-255	Blue gradual color brightness from 0 to 100%

6 Channels 

Channel 1 – Master Dimmer

0-255	Brightness from 0 to 100%

Channel 2 – Red (when CH6 is OFF )

0-255	Red gradual color brightness from 0 to 100%

Channel 2 – RGB Macro (when CH6 is set between 1-24 )

0-8	Red (255)
9-17	Red (255), Green (50)
18-26	Red (255), Green (150)
27-35	Red (255), Green (255)
36-44	Red (200), Green (255)
45-53	Red (100), Green (255)
54-62	Red (40), Green (255)
63-71	Green (255)
72-80	Green (255), Blue (50)
81-89	Green (255), Blue (150)
90-98	Green (255), Blue (255)
99-107	Green (150), Blue (255)
108-116	Green (50), Blue (255)
117-125	Blue (255)
126-134	Red (50), Blue (255)
135-143	Red (150), Blue (250)
144-152	Red (255), Blue (255)
153-161	Red (220), Blue (50)
162-170	Red (150), Green (50), Blue (100)
171-179	Red (50), Green (180), Blue (220)
180-188	Red (50), Green (220), Blue (100)
189-197	Red (150), Green (220)
198-206	Red (150), Blue (220)
207-215	Green (180), Blue (220)
216-224	Green (220), Blue (50)
225-233	Red (220), Green (100), Blue (50)
234-242	Red (220), Green (200), Blue (100)
243-251	Red (255), Green (200), Blue (150)
252-255	Red (255), Green (255), Blue (255)

Channel 2 – Programs Speed (when CH6 is set between 25-249 )

0-255	Speed from slow to fast

Channel 2 – Audio Sensitivity (when CH6 is set between 250-255 )

0-255	Audio sensitivity from less sensitive to highly sensitive

Channel 3 – Green

0-255	Green gradual color brightness from 0 to 100%

Channel 4 – Blue

0-255	Blue gradual color brightness from 0 to 100%

Channel 5 – Strobe

0-9	No Function
10-255	Strobe effect, from slow to fast (0-20 flashes/sec.)

Channel 6 – Color Programs

0	No Function
1-24	29 static color program Mode via Channel 2
25-49	Program 2 (7-color, gradual change) R, RG, G, GB, B, RB, RGB
50-74	Program 3 (3-color, gradual change) R, G, B
75-99	Program 4 (7-color, color switch) R, RG, G, GB, B, RB, RGB
100-124	Program 5 (3-color, color switch) R, G, B
125-149	Program 6 (fantasy change 1)
150-174	Program 7 (fantasy change 2)
175-199	Program 8 (red gradual change)
200-224	Program 9 (green gradual change)
225-249	Program 10 (blue gradual change)
250-255	Sound-controlled

Maintenance

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

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

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

Replacing a Fuse

Power surges, short-circuit or inappropriate electrical power supply may cause a fuse to burn out. If the fuse burns out, the product will not function whatsoever. If this happens, follow the directions below to do so.

1. Unplug the unit from electric power source.
2. Insert a screwdriver into the slot in the fuse cover. Gently pry up the fuse cover. The fuse will come out.
3. Remove the used fuse. If brown or unclear, it is burned out.
4. Insert the replacement fuse into the holder where the old fuse was. Reinsert the fuse cover. Be sure to use a fuse of the same type and specification. See the product specification label for details

Troubleshooting

No Light

This troubleshooting guide is meant to help solve simple problems.
If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.
If the light effect does not operate properly, refer servicing to a technician.
Response: Suspect three potential problem areas: the power supply, the LEDs, the fuse.

1. Power supply. Check that the unit is plugged into an appropriate power supply.
2. The LEDs. Return the Compact Par 108/10 Value Line to your Showtec dealer.
3. The fuse. Replace the fuse. See page 16 for replacing the fuse.
4. If all of the above appears to be O.K., plug the unit in again.
5. 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.
6. Return the device to your Showtec dealer.

No Response to DMX

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

1. Check the DMX setting. Make sure that DMX addresses are correct
2. Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
3. 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.

See next page for more problem solving.

Problem	Probable cause(s)	Remedy
One or more fixtures are completely dead.	No power to the fixture	• Check that power is switched on and cables are plugged in.
	Primary fuse blown.	• Replace fuse.
Fixtures reset correctly, but all respond erratically or not at all to the controller.	The controller is not connected.	• Connect controller.
	3-pin XLR Out of the controller does not match XLR Out of the first fixture on the link (i.e. signal is reversed).	• 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	• 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	• Inspect connections and cables. Correct poor connections. Repair or replace damaged cables.
	Data link not terminated with 120 Ohm termination plug.	• Insert termination plug in output jack of the last fixture on the link.
	Incorrect addressing of the fixtures.	• Check address setting.
	One of the fixtures is defective and disturbs data transmission on the link.	• Bypass one fixture at a time until normal operation is regained: unplug both connectors and connect them directly together. • Have the defective fixture serviced by a qualified technician.
	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed).	• Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture, that behaves erratically.
No light	The power supply settings do not match local AC voltage and frequency.	• Disconnect fixture. Check settings and correct if necessary.
	LEDs damaged	• Disconnect fixture and return to your dealer.

Product Specification

Model: Showtec Compact Par
Great product for every DJ or in venues with limited space
Very lightweight
Compact flat Par Housing
Stylish design
Power Supply: 100-240V AC
Easy Link Up to 15 units
Convection cooling, 100% silent
Flicker Free (Suitable for TV Studio)
Peak Power 75 Watt; Continuous Power 30 Watt
Drive Current: 350mA
Refresh rate: 7,8 KHz
Equipped with 108 10mm LEDs
LED Quantity: 36x Red, 36x Green, 36x Blue LEDs
4 Digits LED Control Display
Double bracket
Lux @2m: 1000+
Max Distance: 10m
Colour range: 16,7 million additive colors
Control Mode: DMX512
DMX channels: 1, 3, 4, 6
Dimmer: 0-100%
Strobe: 0-20Hz
Beam Angle: 30°
Control: Built-in Programs, Auto, Sound-controlled, Master/Slave, DMX
DMX-controlled
Music-controlled via built-in microphone
3-pin DMX In and 3-pin DMX Out (XLR 3 Pin)
IEC In and IEC Out
Housing: Flame Retardant Plastic (V0)
Available product colors: Black (**42593**)or Clear (**42594**)
IP Rating: IP-20
Dimensions: 275 x 250 x 85 mm (LxWxH)
Weight: 1,12 kg
Fuse 2A / 250V







Minimum distance:
Minimum distance from flammable surfaces: 0.5m
Minimum distance to lighted object: 0.8m

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

CE



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