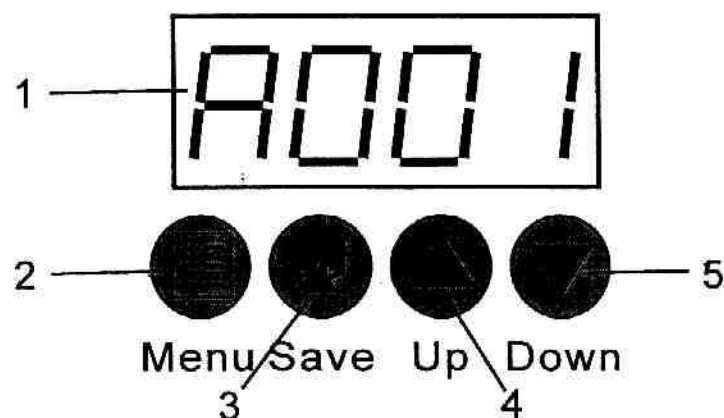
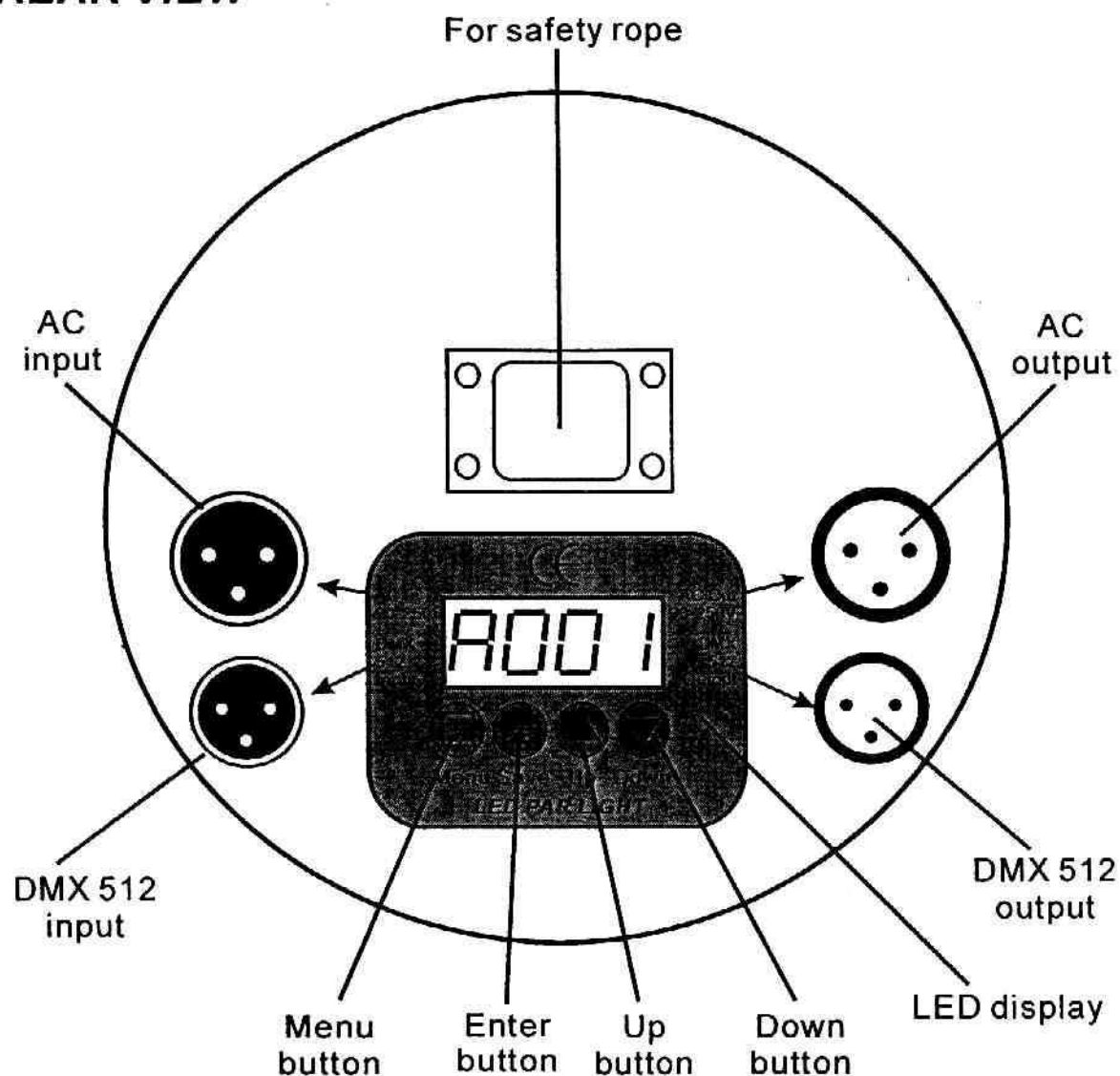


**85-05453**  
**LED MULTI PAR 64 RGBW - 54X3W**  
**USER MANUAL**



## REAR VIEW



## CONTROL PANEL

1. LED DISPLAY
2. MENU BUTTON
3. SAVE BUTTON
4. UP BUTTON
5. DOWN BUTTON



### 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 initially start-up!

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

- be qualified
- follow the instructions in this manual
- consider this manual to be part of the total product
- keep this manual for the entire service life of the product
- pass this manual on to every further owner or user of the product
- include every supplementary update with the original manual

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

## SAFETY INSTRUCTIONS



### CAUTION!

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

This device has left our premises in absolutely perfect condition. In order to maintain this 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 user manual.



**Important:** Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

If the device has been exposed to drastic temperature fluctuation (e.g. after a delivery), 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.

This device is designed for outdoor use. It must be used in an area with good ventilation. It can not be used directly into water or in an area where rain will drop directly.

This device is allowed to be operated with an AC of 250V. This device falls under protection-class I. The power plug must only be plugged into a protection-class I outlet. The Green or Yellowish-Green conductor must be earthed!

Check the device and the power cord from time to time. Make sure the power cord is not crimped or damaged by sharp edges. Never let the power cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution!

Operate the device only after having familiarized with its functions. Keep away children and amateurs from the device!

Always connect the device to the mains least. Always disconnect from the mains, when the device is not in use or before cleaning it. Never leave the device running unattended!

Do not shake the device. Avoid brute force when installing or operating.

Do not permit operation by person not qualified for operating the device. Most damages are the result of unprofessional operation!

There are no serviceable parts inside the device. Maintenance and service operations can be only carried by a qualified person.

Please consider that unauthorized modifications on the device are forbidden due to safety reasons! Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.

If this device will be operated in any way different to the one described in this manual, it may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns, electric shock, etc.

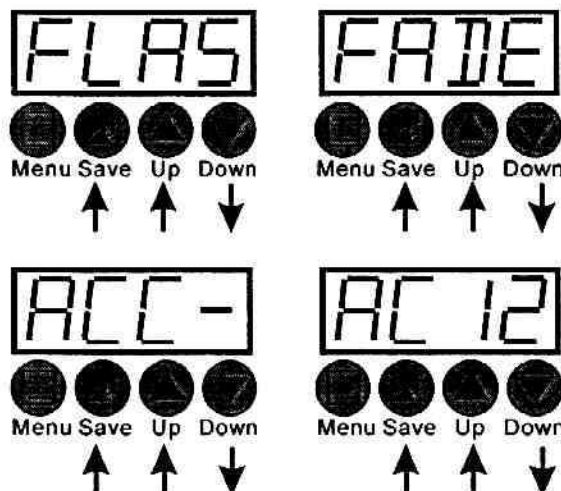
## OPERATION

### Auto operation

Press the Menu button until it shows one of the following:

- FLAS: means strobe effect.
- FADE: means fade in and fade out effect.
- ASC-: means automatic color change effect.

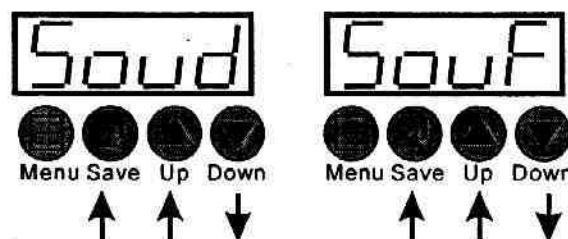
Press Up or Down button to select one of them, the device will be operated automatically by the built-in programs. Press Save button, the last two digits in the display will show 00-12. This is the speed or different built-in programs. Press Up or Down button to select. Press Save button to save or press Menu button to exit.



### Music operation

Press the Menu button until it shows one of the following:

- SOUF: means sound-active effect (mode 1).
- Soud: means sound-active effect (mode 2).



Press Up or Down button to select.

Press Enter button to save (the device will be operated by the music signal received by the built-in micro-phone) or press Menu button to exit.

## DMX operation

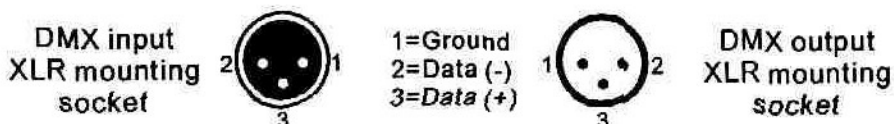


The wires must not come into contact with each other, otherwise the fixtures will not work at all, or will not work properly.



Only use a stereo shielded cable and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

### Occupation of the XLR-connection:



If you are using controllers with this occupation, you can connect the DMX-output of the controller directly with the DMX-input of the first device in the DMX-chain. If you wish to connect DMX-controllers with other XLR-outputs, you need to use adapter-cables.

### Building a serial DMX-chain:

Connect the DMX-output of the 1st device in the DMX-chain with the DMX-input of the next device. Always connect one output with the input of the next until all devices are connected. Connect a DMX controller to the DMX-input of the first device.

**Caution:** At the last device, the DMX-cable has to be terminated with a terminator. Solder a 120 Ohm resistor between Data (-) and Data (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last device.

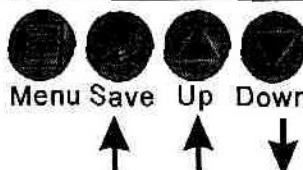
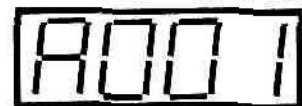
### DMX start address setting

The control panel on the rear end of the device allows you to assign the DMX start address.

This device has 9 DMX channels. If you set, for example, the start address to channel 1, the device will use the channels # 1st to 9th for control. The first available channel for the next fixture will be the 10th.

Please be sure that you do not have any overlapping channels in order to control each device correctly and independently from any other fixture on the DMX chain. If two, three or more devices are addressed similarly, they will work similarly.

Press the Menu button until it shows AXXX in the display.  
XXX is the address you set last time.  
Press Up or Down button to select your desired address, etc, A001.  
Press Save button to save or press Menu button to exit.



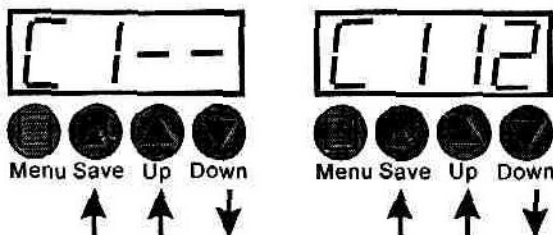
# **DMX channel Values**

Channel	Value	Function
1	000-255	Master dimmer (0% - 100%)
2	000-255	Red color dimmer (0% - 100%)
3	000-255	Green color dimmer (0% - 100%)
4	000-255	Blue color dimmer (0% - 100%)
5	000-255	White color dimmer (0% - 100%)
6	000-255	Strobe effect, speed adjustable (slow to fast)
7	000-127 128-255	Preset Programs Blackout Fade Program: Use ch 6 to adjust speed
8	000-127 128-191 192-255	Preset Programs Blackout Color Chase: Use ch 6 to adjust speed Color Chase: Random speed unadjustable
9	000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079 080-087 088-095 096-103 104-111 112-119 120-127 128-135 136-143 144-151 152-159 160-167 168-175 176-183 184-191 192-199 200-207 208-215 216-223 224-231 232-239 240-247 248-255	Macro of colors Off Red 100%    Green 20%    Blue Red 100%    Green 40%    Blue Red 100%    Green 60%    Blue Red 100%    Green 80%    Blue Red 100%    Green 100%    Blue Red    Green 100%    Blue Red    Green 100%    Blue 20% Red    Green 100%    Blue 40% Red    Green 100%    Blue 60% Red    Green 100%    Blue 80% Red    Green 100%    Blue 100% Red    Green    Blue 100% Red 20%    Green    Blue 100% Red 40%    Green    Blue 100% Red 60%    Green    Blue 100% Red 80%    Green    Blue 100% Red 100%    Green    Blue 100% Red 100%    Green 25%    Blue 100% Red 100%    Green 50%    Blue 100% Red 100%    Green 75%    Blue 100% Red 100%    Green 100%    Blue 100% Red 100%    Green 100%    Blue 25% Red 100%    Green 100%    Blue 50% Red 100%    Green 100%    Blue 75% Red 100%    Green 100%    Blue 100% Red 20%    Green 100%    Blue 100% Red 40%    Green 100%    Blue 100% Red 60%    Green 100%    Blue 100% Red 80%    Green 100%    Blue 100% Red 20%    Green 100%    Blue 100% Red 50%    Green 50%    Blue 50%

## Manual operation

Press the Menu button until it shows C1, C2, C3 or C4 in the display. C1, C2, C3 and C4 means Red, Green, Blue and White color respectively.

Press Up or Down button to select C1, C2, C3 or C4. Press the Save button, the last 2 digits in the display will show 00-12. This is the level of the manual dimmer. Press Save button to save or press Menu button to exit.



## Master-slave operation

More devices can work synchronizely when there is no DMX signal input.

For Master-slave operation, you need to use one device as the master. The master device can be any one in a Master-slave chain.

### Building a serial Master-slave-chain:

Connect the DMX-output of the 1st device in the DMX-chain with the DMX-input of the next device. Always connect one output with the input of the next until all devices are connected.

The Master device must be set to Auto, Sound, or Manuel operation. The slave devices must be set to work in DMX mode.

## TECHNICAL SPECIFICATIONS

Power supply:	AC 90-250V, 50 - 60Hz
Power consumption:	162W max.
LED quantity:	54 x 3W LEDs (Red12 + Green14 + Blue14 + White14)
Sevice life:	exceed 50,000 hours
Working mode:	Auto / Sound mode
	DMX mode, 9 channels
	Master-slave mode
Dimmension:	290x290x350mm
Carton size:	320x270x400mm
Net weight:	8 kgs
Gross weight:	10 kgs