



# LED IntiScan300 Scanner 30W LED DMX

Ref. nr.: 150.438



## INSTRUCTION MANUAL GEBRUIKSAANWIJZING GEBRAUCHSANLEITUNG MANUAL DE INSTRUCCIONES

### ENGLISH

Congratulations to the purchase of this Beamz Professional light effect. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

Read the manual prior to using the unit. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.

- Prior to using the unit, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place metal objects or pour liquids into the unit. This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
- When unplugging the unit from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the unit on. Contact your dealer. Do NOT connect the unit to a rheostat or dimmer.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the unit to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the unit will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the unit has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the unit in humid rooms or outdoors.
- During operation, the housing becomes very hot. Do not touch it during operation and immediately after.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
- Secure the unit with an extra safety chain if the unit is ceiling mount. Use a truss system with clamps. Make sure nobody stands in the mounting area. Mount the effect at least 50cm away from inflammable material and leave at least 1 meter space on every side to ensure sufficient cooling.
- This unit contains high intensity LEDs. Do not look into the LED light to prevent damage to your eyes.
- Do not repeatedly switch the fixture on and off. This shortens the life time.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Only operate the unit with clean hands.
- Do not force the controls.
- If the unit has fallen, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the unit off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the unit.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this unit.
- Keep the original packing material so that you can transport the unit in safe conditions.

⚠ This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.

⚠ This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

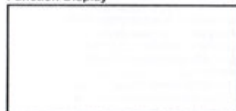
⚠ DO NOT LOOK DIRECTLY INTO THE LENS. This can damage your eyes. Persons who are subject to epileptic attacks should be aware of the effects that this light effect may have on them. The unit has been certified CE. It is prohibited to make any changes to the unit. They would invalidate the CE certificate and their guarantee!

NOTE: To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.

## Features

Voltage: AC230V 50Hz  
 High performance mobile DMX scanner with 1 x 30W LED source  
 8 Colors + White  
 8 Gobos + Spot  
 Separate Color & Gobo Wheels  
 8 DMX Channels  
 3-Button menu system LED Display making it easy to navigate  
 3 Operational modes: DMX controller, Master/Slave & Sound Active  
 Built-in lighting programs  
 Sound Active  
 Compact & portable design  
 Manual focusing lens  
 Gobo Shake effect  
 Strobe effect in every color  
 13-degree beam angle  
 DMX-512 protocol  
 Fan cooled  
 Hanging Bracket Included  
 Advantages of LED-technology: Extremely long life, low power consumption, minimal heat emission,  
 Defacto maintenance free with brilliant light radiation  
 Master/Slave-operation

## Function Display



MENU

DMX-Mode **A001**

Slave-Mode **S-1-**

Master-Mode **d 1**

Pan-mode **P 0**

Tilt-mode **t 0**

LED display **d 0**

UP

DOWN



MENU UP DOWN

Set the desired Master-mode for the master device, set the respective Slave-mode for all slave devices.  
 Please note: The function G-3- is only meant for service purposes, please do only use this function if you want to set the unit shortly into standby mode.

## Pan Reverse

With this function you can reverse the pan-movement.

## Tilt Reverse

With this function you can reverse the Tilt-movement.

## Display close time

With this function you can shut off the LED display.

## DMX512 connection/connection between fixtures

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

DMX-output  
 XLR mounting-socket:



DMX-input  
 XLR mounting-plug:



## Operation

After you connected the effect to the mains, the LED DMX scanner starts running, during the reset, the motors are trimmed and the device is ready for use afterwards.

## Stand alone operation

In the stand alone mode, the light can be used without controller. You can do without a controller as this scanner features a built-in microphone, which provides automatic sound control.

## Master/slave operation

Connect the master and slave-devices and adjust the settings as described above.

## DMX-controlled operation

You can control the projectors individually via your DMX-controller, every DMX-controller has a different occupation with different features.

## Addressing

The Control board allows you to assign the DMX fixture address, which is defined as the first channel from which the scanner will respond to the controller.

Please, be sure that you don't have any overlapping channels in order to control each LED scanner correctly and independently from any other fixture on the DMX data link.

If two, three or more LED scanner are addressed similarly, they will work similarly.

For address setting, press the Menu button until the display shows A.001 and set the desired address via the up/down buttons.

## Controlling:

After having addressed all LED scanner, you may now start operating these via your lighting controller.

Note: after switching on, the LED scanner will automatically detect whether DMX512 data is received or not. If the data is received, the display will show "A.001" with actually set address. If there is no data received at the DMX-input, the display will show "A.001"

The situation can occur if:

- 1, the 3Pin XLR plug(cable with DMX signal from controller) is not connected with the input of the LED scanner.
- 2, the controller is switched or defective, if the cable or connector is defective or the signal wires are swap in the input controller.

## DMX-Protocol

### Channel 1-Horizontal movement (Pan)

Push slider up in order to move the mirror horizontally (Pan)

Gradual mirror adjustment from one end of the slider to the other (0-255, 128-center)

The mirror can be stopped at any position you wish.

### channel 2-Vertical movement (Tilt)

Push slider up in order to move the mirror vertically (TILT)

Gradual mirror adjustment from one end of the slider to the other (0-255, 128-center)

The mirror can be stopped at any position you wish.

### channel3 -COLORS

Value	Feature
0	14 WHITE
15	29 ORAGNGE
30	44 BLUE
45	59 GREEN
60	74 YELLOW
75	89 PINK
90	104 LIGHT BLUE
105	119 LIGHT GREEN
120	127 LIGHT YELLOW
128	255 RAINBOW EFFET SLOW-FAST

### channel 4- Gobos

Value	Feature
0	7 OPEN
8	14 Spin Gobo 1
15	21 Spin Gobo 2
22	28 Spin Gobo 3
29	35 Spin Gobo 4
36	42 Spin Gobo 5
43	49 Spin Gobo 6
50	56 Spin Gobo 7
57	63 Spin Gobo 8
64	70 OPEN SHAKE
71	77 GOBO 1 SHAKE
78	84 GOBO 2 SHAKE
85	91 GOBO 3 SHAKE
92	98 GOBO 4 SHAKE
99	105 GOBO 5 SHAKE
106	112 GOBO 6 SHAKE
113	119 GOBO 7 SHAKE
120	127 GOBO 8 SHAKE
128	255 GOBO WHEEL ROTATION SLOW-FAST

### Channel 5- Shutter/Strobe

Value	Feature
0	7 Blackout
8	15 Shutter open
16	131 Strobing slow-fast
132	139 Shutter open
140	180 Shutter slow open-fast close
181	189 Shutter open
190	231 Shutter fasr open-slow close
232	239 Sutter open(235 reset-after 3-5seconds)
240	247 Random strobe
248	255 Shutter open

### Channel 6- Dimmer

0	255	Dimmer
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### Channel 7-Moving head movement

Value	Feature
0	7 No function
8	25 Movement 1
26	43 Movement 2
44	61 Movement 3
62	79 Movement 4
80	97 Movement 5
98	115 Movement 6
116	133 Movement 7
134	151 Movement 8
152	169 Movement 9
170	187 Movement 10
188	205 Movement 11
206	223 Movement 12
224	241 Movement 13
242	255 Movement 14

### Channel 8- Movement speed

0	255	Movement speed slow to fast
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#### Cleaning and Maintenance

The operator has to make sure that safety-relating and machine technical installations are 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 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 devices or parts of device have to be tightly connected and must not be corroded.

2. There must not be any deformations on housings, fixations and installation spots(ceiling, suspension, trussing)

3. Mechanically moved parts like axles, eyes, and others must not show any traces of wearing(e.g. material abrading or damages) and must not rotate with unbalances.

4. The electric power supply cables must not show any damages, material fatigue(e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

We recommend a frequent cleaning of the device. Please use a moist,lint-free cloth. Never use alcohol or solvents.

The objective lens will require weekly cleaning as smoke liquid tends to building up residues, reducing the light output very quickly.

#### Technical Specifications

Power supply	AC230V, 50Hz
Power consumption	50W
DMX channel	8
DMX 512 connection	3-pin XLR
Sound-control	Via built in mic
Flash rate	18Hz
Number of LED	1*30W white Led
Dimensions(L*W*H)	
Weight	
Max ambient temperature Ta	45°C
Max housing temperature Tb (steady state)	55°C
Min. distance from flammable surfaces	0.5m
Min. distance to lighted object	0.1m
Fuse	F2A, 125V