

**INFORMATION FOR NEW SERIAL PRODUCT:
ARCTOS-GRATING Penthouse Series**



ARCTOS Grating-Box:

Dimensions:

Width: 390mm
Depth: 255mm
Height: 70mm

Supply Voltage: 110-230VAC
Signal Input: DMX 512/ XLR 5p
Operation: Display (blue) with 4 menu keys
DMX channels: 8

Effects:

- 1: Polysector Grating with 10 positionable effects
- 2: Burst-grating rotative, speed adjustment over DMX
- 3: Polysector Grating and Burst Grating overlaid
- 4: Machado Grating
- 5: Line Grating rotative, speed adjustment over DMX

Every effect can be allocated to any desired DMX address on the backside panel of the system.



The Grating-box can be added to every Arctos ARC-LB Series system 2,5/ 3,6/ 5,0/ 8,5 10W etc. starting from the manufacturing year ~09.2006.

Position of the grating-box: concentric (in the middle) on the optical part.

At the moment possible are max. 5 different effects. (see above) In future the number of the effects can be increased up to 8 different effects.

Customer-tailored systems are available after consulting.

We offer the following grating components:

- Line Grating rotative, speed adjustment over DMX
- Burst Grating rotative, speed adjustment over DMX
- Line Grating, double overlaid and oposed rotative; speed adjustment over DMX
- Burst Grating, double overlaid and oposed rotative; speed adjustment over DMX
- Polysector Grating with 10 Effects, positionable and rotative, speed adjustment over DMX
- Machado Grating horizontal fixed (not mowing)
- Single beam over beam switch (shutter)

Here a sample for the DMX-channel allocation:

Channel	Function
1	positioning the beam from scanner to the optical table and pointing the first effect; the 10x PolyGrating
2	Positioning of the first effect, the 10x PolyGrating
1+3	positioning the beam from scanner to the optical table and pointing the tenfold (10x) PolyGrating as well as the Burst Grating, Both effects overlaid.
4	Rotation-speed of Burst Grating
1+5	positioning the beam from scanner to the optical table and pointing the Burst Grating.
1+6	positioning the beam from scanner to the optical table and pointing the Line Grating.
7	Rotation-speed of Line Grating.
1+6+8	positioning the beam from scanner to the optical table and pointing the Machado Grating.

DMX channel description

1	Main Beamswitch	0-128= Scanner	128/255= Gratingbox (Line Grating)
2	Beamswitch Main 2	0-128= Beambench left side	128/255= Beambench right side (Burst Grating)
3	Beamswitch Machado	0-128= off (Line Grating)	128/255= Machado Grating
4	Rotation Line Grating	0-128= rotation speed left	128 rotation = 0 128-255 rotation speed right
5	Beamswitch Poly.10	0-128= off (Burst Grating)	128/255= Poly.10 Grating
6	Beamswitch Poly.10/Burst	0-128= off (Burst Grating)	128/255= Poly.10 Grating/ Burst Grating
7	Rotation Burst Grating	0-128= rotation speed left	128 rotation = 0 128-255 rotation speed right
8	Position Poly.10	0-255= Position 0° -360°	

The User can configurate all DMX cannels (motors) from channel 001 to 255 free.

