

## Technical Information

### EcoScan / EcoAmp

#### Features

- Very low cost
- High scanning speed >30kpps
- Good beam pointing stability
- Low wobble and jitter
- Compact driver design



#### Application

The scanner and driver is specifically designed to meet the needs of the lasershow industry.

#### Specification

Specifically designed for the purposes of laser light show, with high speed, good image quality and very good budget ratio. Closed loop galvanometers without torsion bar, very compact dual channel driver, developed and manufactured by MediaLas, a low operating voltage and very low power consumption, are the main highlights of this system. It can be run with +/-18V on standard applications with a low thermal dissipation. For full speed, +/-24V is required.

#### Contents of package

2x EcoScan Galvo with mirrors  
 1x EcoAmp dual channel driver  
 2x Galvo mount  
 2x Galvo cables

Set comes factory adjusted to 22k @ 20° optical angle. For higher speed, rematching is required. Please follow the matching procedure according to manual.

#### Technical data:

Max scan speed:	30k @ 8° optical angle (high speed scanning mirrors)
Mirror aperture:	<3.5mm beam diameter (standard mirrors)
Mirror surface:	Protected silver high reflecting coating
Deflection angle:	>60° optical angle max.
Power requirements:	+/-24VDC @ 0.8A each
Input voltage:	differential 5V – 10V adjustable
Dimensions driver:	100 x 103 x 40mm