

RTI PIKO

LASER PROJECTORS

Control Modes

By standard: FB4 offering LAN (software), DMX and ArtNET control. Optionally available: AVB / TSN interface for data streaming via Ethernet, ILDA.
AIFF player function, stand-alone player, control software "LA.tools" for PC or Mac included.

Beam Specifications*

10 mm | 0.8 mrad

Scanner

38 kpps 8°, max. scan angle 48°

Weight (net)

ca. 39 kg - ca. 42 kg (depending on model)

Dimensions

L 50.9 cm x W 27.1 cm x H 29.6 cm

IP Rating

IP65

Thermal

+5°C - +40°C

Electrical Input

Universal input: 86 VAC - 264 VAC, 47 - 63 Hz
Power consumption: 2500 W - 2800 W (depending on model)

Laser Safety

- Electronic mask to define protected areas in a laser projection using controlling software
- Scanfail safety circuit
- Physically 4-way adjustable beam blocker
- Key switch, Interlock, Emission LED, Status LED

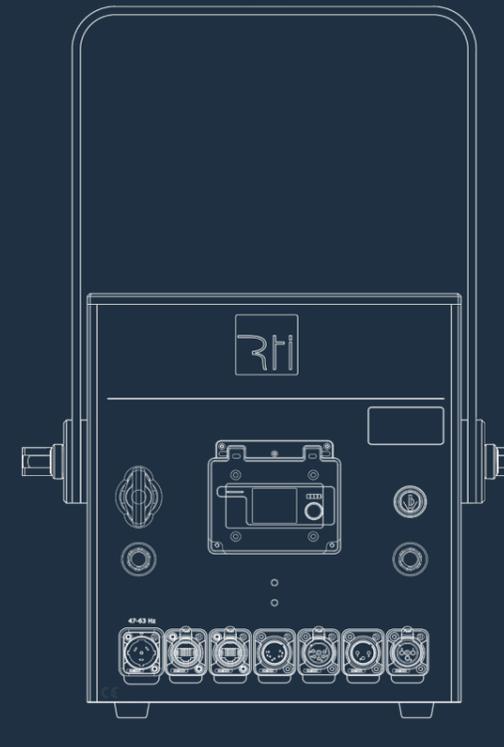
Standardized Connectors

- AC Mains Connector: Neutrik PowerCon TRUE1
- Projector Signal, analog: ILDA In D-sub 25 (optional)
- Interlock: 3pin XLR (external key switch, interlock)
- DMX In / Thru (5pin XLR)
- LAN (two ports on internal switch)

Available Upgrade Option:

- LAS motorized dichroic filters

*FWHM average depending on model



Key Features

- RTI RSL Laser Module Technology for a very good beam profile in all colors.
- IP65 rated dust and waterproof housing
- Integrated intelligent LaserAnimation Sollinger Mainboard & FB4 as standard
- Control via "LA.toolbox" software (color correction, laser disable). Software included in delivery
- AVB interface for streaming data via Ethernet
- LAN control
- Integrated network switch for looping through the control signal
- Incl. flightcase

The RTI PIKO series from LaserAnimation Sollinger comprises four highly powerful laser projectors with guaranteed optical outputs between 71 and 143 watts respectively.

The RTI PIKO projectors are completely manufactured in Germany and they are basing on unique red, green and blue RTI RSL laser modules, manufactured by LaserAnimation.

The RSL 3 modules with their very low divergence and a homogeneous beam shape make the RTI PIKOs highly professional laser systems.

The intelligent LaserAnimation Sollinger mainboards are integrated into the laser projectors, which provides the laser operator with a variety of control and setting options (e.g. the LA.toolbox) or transmission options (such as AVB). A FB4 is integrated by default in all RTI PIKO laser projectors, offering LAN (software), DMX and ArtNET control.

Control signals can be looped through directly via the network switch, which is also integrated.

The RTI PIKO lasers, which are dust-tight and water-resistant according to the IP65 standard, are suitable for indoor and outdoor applications, such as concerts, festivals, and other major events. Demanding graphics projections and projections over long distances are no problem for these devices thanks to their low divergence.

A flightcase is included with all RTI PIKO laser projectors.



Laser Projector	Guaranteed optical power*	Minimum power at aperture	Red Module (637 nm)	Green Module (525 nm)	Blue Module (455 nm)
PIKO 65	71 W	65 W	19 W	26 W	30 W
PIKO 100	110 W	100 W	29 W	33 W	50 W
PIKO 120	126 W	115 W	38 W	33 W	60 W
PIKO 140	143 W	130 W	38 W	53 W	60 W

*at laser modules