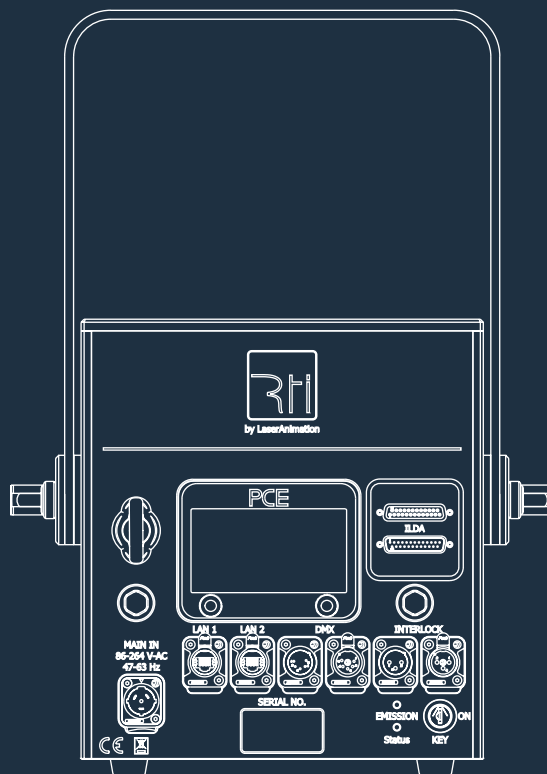


RTI PIKO

LASER PROJECTORS

EDITED: 2025-08

LaserAnimation
SOLLINGER



The RTI PIKO series from LaserAnimation Sollinger comprises two highly powerful laser projectors. The RTI PIKO 65 and RTI PIKO 100 have guaranteed optical outputs of 65 and 100 watts respectively at the laser modules, and minimum outputs of 62 and 100 watts respectively at the apertures.

The RTI PIKO projectors are completely manufactured in Germany and they are based on unique red, green and blue RTI RSL laser modules, manufactured by LaserAnimation. The RSL modules with their very low divergence and a homogeneous beam shape make the RTI PIKOs highly professional laser systems.

The intelligent LaserAnimation Sollinger mainboard is integrated into the laser projector, 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 ILDA, 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.



Control Modes

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

Typical wavelengths:

637 nm | 525 nm | 455 nm

Type

CW analog modulated

Beam Diameter*

10 mm

Beam Divergence*

0.8 mrad

Scanner

38 kpps 8°, max. scan angle 48°

Weight (net)

ca. 39 kg (PIKO 65)

ca. 42 kg (PIKO 100)

Dimensions

L 50.9 cm x W 27.1 cm x H 29.6 cm

IP Rating

IP65

Operating Temperature

+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
- Key switch, Interlock, Emission LED, Status LED

Standardized Connectors

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

Properties

- 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
- LAS motorized dichroic filters optionally available
- Incl. flightcase

*FWHM average depending on model

			Typical wavelengths and specified laser output at source		
Laser Projector	Guaranteed optical output*	Minimum power**	Red Module (637 nm)	Green Module (525 nm)	Blue Module (455 nm)
PIKO 65	70 W	62 W	18 W	23 W	36 W
PIKO 100	110 W	100 W	27 W	33 W	60 W

*at laser modules

**at aperture

LaserAnimation Sollinger product specifications are based on the latest information. While we strive for accuracy, they are subject to change without prior notice.

