RTI PIKO 40

The powerful but compact RTI PIKO 40 is suitable for indoor and outdoor laser show applications at concerts, festivals, and other huge events with easy operation due to the built-in software and DMX control. The PIKO is equipped with the latest **RTI Semiconductor modules (RSL)** making it an amazing laser for beam shows and demanding graphic projections such as laser mapping or projections over long distances. The high-end performance is part of the PIKO's DNA and makes this possible due to the **perfectly matched beam profiles** across all colors and great divergence on both the x and y axis. Incl. waterproof flightcase and rain cover.

- 40 W guaranteed power
- Advanced **RTI Semiconductor laser modules (RSL)** produce a perfect shaped beam profile across all colors
- **Equal divergence on x and y axis**
- **Maintenance free laser system**
- **RSL Modules with no color misalignment**
- **New advanced sealed optical section with no color misalignment**
- Complex graphics capable - 45kpps ILDA 8° scanners – upgradable to 60kpps
- Full-color mixing
- Extremely sharp intense beams - low divergence
- **Integrated intelligent LaserAnimation Sollinger Mainboard** and ShowNET Laser Mainboard
- **Integrated Touch Display** for adjustment of basic functions
- **Integrated network switch** for linking the control signal
- FB4-QS MAX optional integration
- 360° Bracket with quick-lock system
- Rugged tour-grade compact housing
- Incl. waterproof flightcase and rain cover
- operating temperature: +5°C to +45°C

ShowNET mainboard as standard:

- Various control options: **ILDA**, **Professional DMX and ArtNET** (two modes), **LAN** (computer control, integrated DAC), **Stand-Alone Operation**, ILDA Streaming Receiver, **Master-Slave**
- Create **custom content**, store it inside the laser and play it back in different modes
- **Free laser show control software** included

TECHNICAL DETAILS

Guaranteed Power at aperture	40'000 mW		**Laser Source**	RTI Semiconductor Laser Modules RSL 2
Power Red	12'500 mW / 637 nm		**IP rating**	IP54
Power Green	13'000 mW / 525 nm		**Basic Patterns**	over 120 (layers, tunnels, fences, waves, etc.)
Power Blue	22'000 mW / 455 nm		**Accessories**	Incl. waterproof flightcase, interlock connector, key, power cable, manual,, incl. the LA.toolbox control software
Beam Specifications	ca. 7 mm / <0.8 mrad			
Scanner	45kpps ILDA 8°; optional CT-6210 with LAS Turboscan: 60kpps ILDA 8°; max. 60° (@35 kpps)		**Power Supply**	85-250 V AC 50/60 Hz
			Power Consumption	600 W
Max. Scan Angle	max. 50°		**Dimensions**	271 x 491 x 296 mm
Operation Modes	AVB / TSN interface for streaming ILDA data via Ethernet, AIFF player function, stand-alone player, ILDA, DMX / ArtNET, control software "LA.toolbox" for PC or Mac included, LAN (software) with ShowNET DAC		**Weight**	27 kg
			EAN / MPN	836215313
Laser Class	4			

AVAILABLE MODIFICATIONS:

*Due to Advanced Optical Correction technology used in our laser systems the optical power of each colour within installed laser module(s) may slightly differ from the specification of respective laser module(s). Divergence FWHM average depending on model.