

## RTI PIKO 80

The powerful but compact RTI PIKO 80 is suitable for 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 **RSL 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 great performance combination of the semiconductor RSL & top scanners

- 80 W guaranteed power
- Advanced **RTI Semiconductor laser modules (RSL)** produce a perfect shaped beam profile for red & blue and green.
- **Maintenance free laser system**
- **RSL modules with no color misalignment**
- **New advanced sealed optical section with no color misalignment**
- Graphics capable - 42 kpps@8° ILDA scanners
- 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
- Rugged tour-grade compact housing
- **360° Bracket with quick-lock system**



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

<b>Guaranteed Power at aperture</b>	80'000 mW	<b>Laser Source</b>	RSL modules
<b>Power Red</b>	17'000 mW / 637 nm	<b>IP rating</b>	IP54
<b>Power Green</b>	32'000 mW / 525 nm	<b>Basic Patterns</b>	over 120 (layers, tunnels, fences, waves, etc.)
<b>Power Blue</b>	45'000 mW / 455 nm	<b>Accessories</b>	Incl. waterproof flightcase, rain cover, interlock connector, key, power cable, manual, incl. the LA.toolbox control software
<b>Beam Specifications</b>	ca. 8 mm / <0.8 mrad	<b>Power Supply</b>	85-250 V AC 50/60 Hz
<b>Scanner</b>	42 kpps@8° ILDA	<b>Power Consumption</b>	2500 W
<b>Max. Scan Angle</b>	48°	<b>Dimensions</b>	271 x 491 x 296 mm
<b>Operation Modes</b>	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	<b>Weight</b>	28 kg
<b>Laser Class</b>	4	<b>EAN / MPN</b>	836215439



### 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.