



# SINFONYA

.....PROFILE 600

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THIS IS JUST FOR YOU,  
OUR FIRST EVER DESIGN  
EXCLUSIVELY FOR THEATRES.  
IT'S SO QUIET YOU WILL BE  
ABLE TO HEAR A PIN DROP,  
EVEN WHEN IT'S ON.



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Theatres are demanding applications that require extremely low noise operation, very high quality of light and control along with precision of re-positioning.

We are now delighted to introduce the first of a brand-new family of LED fixtures designed and manufactured exclusively for the Theatre market. The new **SINFONYA** series from Claypaky addresses all the special needs and provides brand new levels of performance that were simply not possible before.

**SINFONYA PROFILE 600** is stylish, and packed full of technology. What makes Sinfonya different is its excellent core technology that offers endless possibilities for theatre designers thanks to a wide variety of features specifically developed for the theatrical productions.



## TONEDOWN™ FOR A LOW NOISE OPERATION

Claypaky started with a fresh design to enable true silent operation on stage, achieved by redesigning the cooling system. Even at full output the noise is **just 27dB**, a level impossible to achieve before.

In addition to this, the fan has been taken out of the base. This reduces noise even further on stage and removes black noise from other frequencies that can sometime be annoying.

The fixture can even **be used with no fan at all** and reduced light output for intimate moments.

**TONEDOWN™** is a feature that was impossible to achieve before and gives a huge scope for designers and theatre directors to incorporate stunning new choreography and performance aspects.



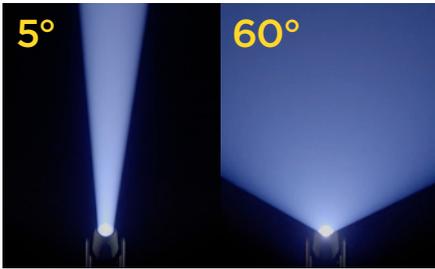
## ACCUFRAME™ FOR A BETTER RESOLUTION AND FOCUSING

Previously fixtures used four focal planes, but this led to loss of sharpness. By utilizing **two planes** we can physically change the design and **achieve a much higher focus**. We can still create the triangle and curtain effect.

Saving time in programming and re-focusing was a key request from designers. Our team found a new way to do this and dramatically improve performance at the same time. It is **40 times more precise** than traditional framing systems.

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## NEW OPTICAL SYSTEM

We have designed a new proprietary system that gives ultra-high efficiency and precision. By improving the performance, we can increase the aspect ratio to 1:12 giving us a **true 5 to 60-degree beam angle** potential on stage.

This feature allows for a greater flexibility of use in large theatres and small ones where the low height may be an issue. Sinfonya can be used now in a wider variety of venues without loss of performance in the beam for white or colors.

## ADVANCED FIRMWARE FOR A MAXIMUM PERFORMANCE AND LIGHT OUTPUT CONTROL

New, sophisticated firmware gives us precise control over the beam in our multicolor engine.

This provides vibrant and rich colors optimised for the stage or TV with **high CRI and TLCI levels**. It's much simpler to install and operate saving time and controls our **five-color LED light engine (RGBAL)** precisely. More importantly the high control of the engine means the quality of light in the beam is exceptional. All this is possible thanks to the special firmware algorithm, developed internally by Claypaky.

Included are different modalities for time saving at the venue meaning it is suitable for both large and small applications.

## CALIBRATION SYNCING FOR MATCHING THE COLOR TEMPERATURE TO OTHER FIXTURES

This is a wonderful development that allows both older and brand-new fixtures to be perfectly tuned together to the same color temperature and outputs. Using our **CloudIO software and measuring equipment** we can tune the new Sinfonya fixtures to others in the theatre for you.

This provides for consistency across the theatre or touring production using a mix of fixtures.

We can measure the color reference point of another luminaire and match it perfectly your new Sinfonya fixtures on site, whatever their age and brand.



## ABSOLUTE POSITION FOR THE ADVANCED PAN & TILT CONTROL

If you have the need to turn the fixture on and off during a performance, you won't hear and see the annoying movement of Pan and Tilt re-setting. We have a sensor inside Sinfonya that remembers the position in real time, this allows for **precision re-positioning** crucially with no movement when doing a hard reset therefore avoiding unnecessary movement which could distract the audience.

The **Absolute Position** of Pan and Tilt is also the first on the market. We are so proud of this feature because it will save time for designers on stage.

Sometimes during a performance, fixture in a series may need re-setting. This can be awkward and visible as the fixture scrolls through its set up process to find its zero point and be able to join in again with the sequencing. This new system gives also a much higher precision in term of re-positioning, feature that will be really appreciate since the time for re-focusing before the show is always limited.

Claypaky have found a new solution to the old industry issue.



January 2021 - Subject to change without notification

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## LINEGUARD: A NEW FROST SYSTEM USING TWO PAIRS OF BLADES INSTEAD OF TWO INDIVIDUAL ONES

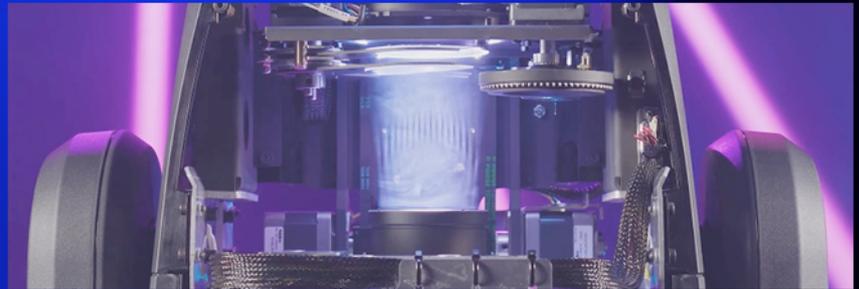
Traditionally a single blade does not provide a uniform effect, our new approach using pairs provides much higher uniformity. By using **two for soft edges and two for a real wash effect** we can improve performance. It removes the annoying effect of unwanted reflection when the blades are inserted into the beam and is much more pleasant to the audience.



## NEW, COMPACT, ERGONOMIC DESIGN

A completely new design and housing for the body is both attractive and stylish but more importantly functional. Noise wise it is improved as the new design **reduces internal noise reflections** by cancelling out high frequencies.

Sinfonya is really something special, **it is packed with technology specifically designed for theatres**. We know the demands of these venues and the challenges with staging productions, the designers who have tested this live simply love it.



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THE TRULY NEXT GENERATION  
OF LIGHTING FOR THEATRES

## MAIN FEATURES

- Light Source: 600W RGBAL LED Engine
- CRI: up to 95
- 12,050 Lumen Output (in integrating sphere)
- Proprietary, High-efficiency, new optical system
- 160-millimeter diameter front lens, with high quality tempered glass lenses
- 5°- 60° motorized linear zoom
- R-G-B-A-L color control
- 2500K to 10000K virtual CTO
- Calibration Syncing for matching the color temperature to other fixtures
- Digital color filters
- Framing System on 2 focal planes: 4 blades with +/- 45° rotation of the full system
- ACCUFRAME™: 40 times more precise than traditional framing systems
- “Total Curtain” effect allowing the full blackout with each single blade
- Triangular shapes
- 6 HD interchangeable rotating gobos
- New frost system (LINEGUARD), using two pairs of blades instead of two individual ones
- Heavy frost 5° for wash effect
- Light frost 1° for soft diffusion (interchangeable)
- Animation wheel
- 4-facets prism with rotation in both direction at variable speed
- 16-blade Motorized iris
- 24-bit digital dimmer with 4 user-selectable dimming curves
- Digital stop-strobe effect
- Absolute Position for the advanced Pan & Tilt Control
- Advanced firmware for a max. performance and light output control
- Personalities: Single mode with 39 control channels
- Control Protocol: DMX, Art-Net, RDM, sACN
- Optional Wireless DMX system (Lumen Radio)
- CloudIO Ready: fully compatible with CloudIO
- Operating Voltage: 100-240V, 50/60 Hz
- Max Power consumption: 770 VA
- TONEDOWN™ for a low noise operation (27dB at full output)
- Selectable fan options, DMX controlled
- New housing and external design
- 34 Kg (74.6 lbs)
- 285x415mm (base dimension) – 785mm with vertical head (h)
- Distance between two fixtures: 700mm

