

XS 1200 - 700/B

Available in two versions XS1200 and XS700/B, encloses the typical characteristics for the enjoyment in a sinuous and innovative Lightdesign.

It has been conceived to be used both for TV applications and for the live ones. The efficient optic system of condenser lens and recovery dichroic mirror is the heart of the projectors, that combined with a focus and zoom system and an even luminous beam allows you to produce the following effects.



XS 1200

available versions:

art. **03061**: XS 1200 electronic ballast

art. **0306**: XS 700/B electronic ballast

available accessories:

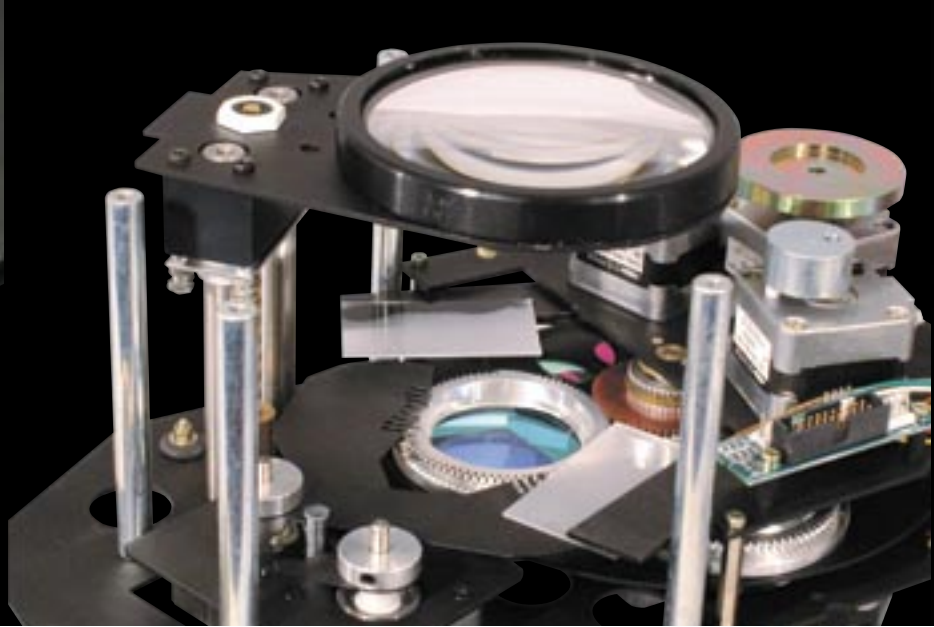
art. **SINGLE clamp**: n.1 aluminium clamp

art. **XS/CASE**: flight case for n.1 XS (without wheels);

art. **XS x 2/CASE**: flight case for n.2 XS (with wheels)



The iris is made of a high thermal resistance stainless steel and allows modulation from 100% to 10% the beam diameter.

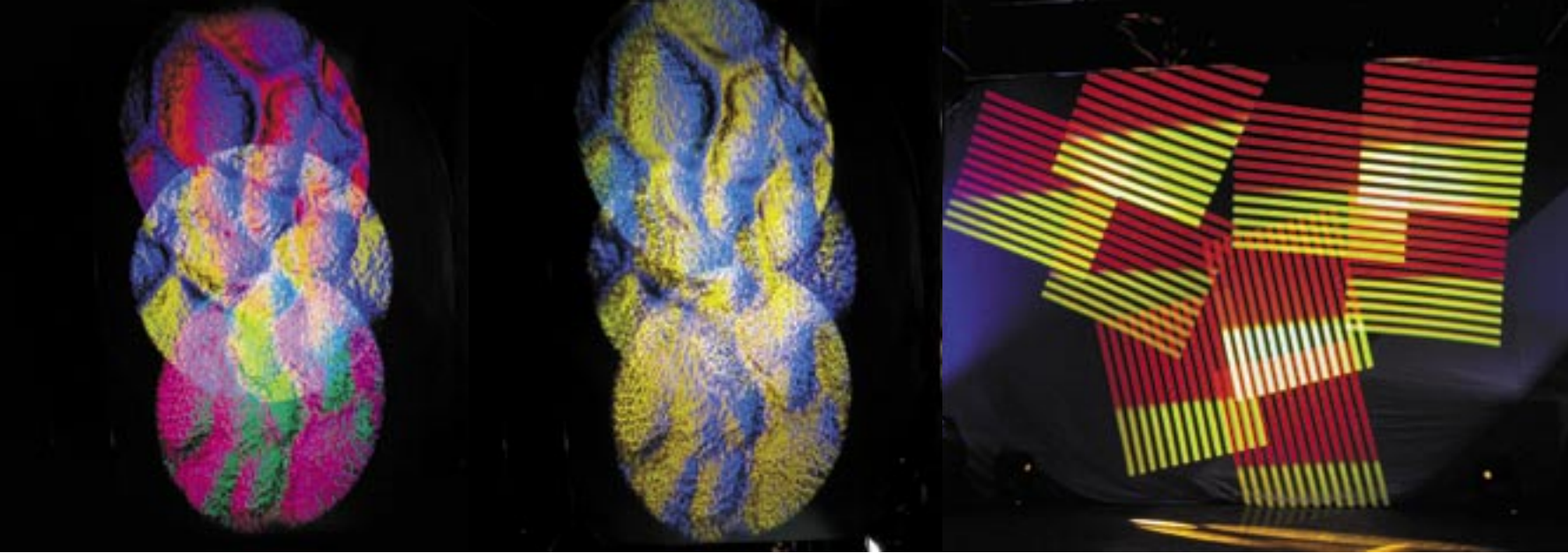


The zoom system that utilizes two 100mm diameter lenses combined with the focus allows a variable image dimension.

The prism wheel contains 2 static frost filters and a continuous frost that allows you a gradual frost effect.

The mechanical dimmer allows dimming from 100%-0% together with the electronic ballast. Its fast speed also allow strobe effects.





... press any key...

The dynamic menus, through the LCD 128x64 pixel, allows to control the numerous fixture functions with only four push-button. The fast microprocessor continually check the running parameters and send back alarm messages in case of anomalies. The no-volatile memory stores all kind of information from the running hours to the serial numbers, from the starting DMX channels to the right lamp to use. Naturally a FLIP function has been included (reverse) as well as brightness control and auto switch-off display.

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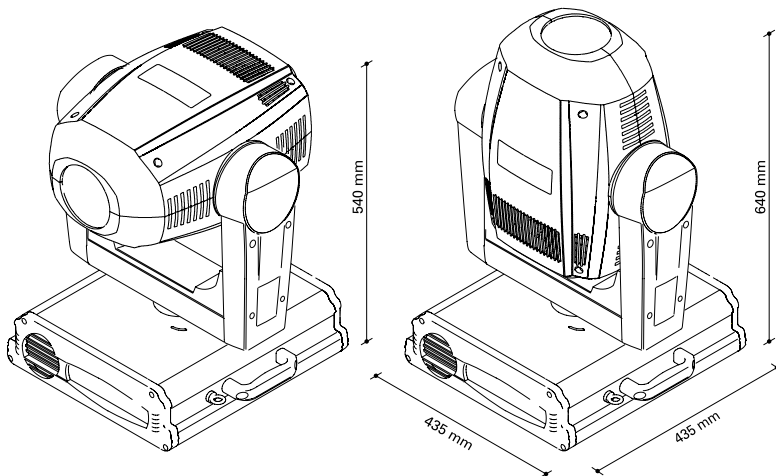


The new electronic ballast supported by a microprocessor in addition to an electronic PFC, is able to work continuously from 95 to 260 Vac 50-60 Hz. It allows you to select the right lamp to use, either HMI1200W, HMP575W 700W boosted or the HTI700WDE.



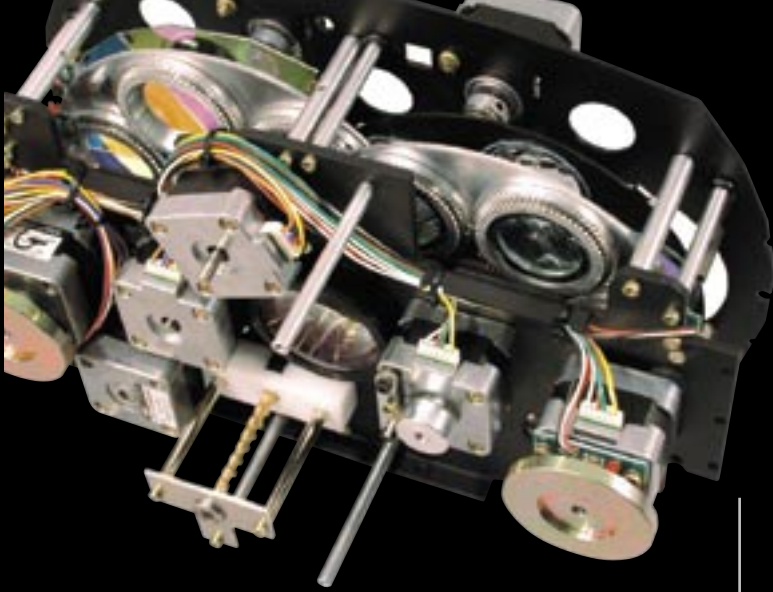
The fans positioned on the inside to reduce the noise, ensures effective ventilation of the head. A microprocessor controls the fans and adjust the light range according to the lamp power and the ambient temperature.

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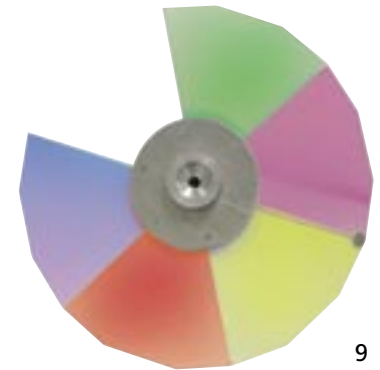


Fast fixing bracket with fast lock (endowed with the fixture). The aluminium clamp (art. SINGLE clamp), to hang the spot to any structure and regulate its position, is optional.





The compact effects wheels unit. The motorised focus system with its 2 antireflection coated lenses allows you a very fast and precise focusing.



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The two rotating prisms and the two frost filters plus the colors and gobos wheels, make possible to obtain many colours and numberless scenographies. The two rotating gobo wheels has 5 ball bearing gobo holders that supports metallic and glass gobos up to 4mm thickness. A steel spring is used for fixing the gobo in the holder and allows an easy and quick change. The rear colour wheel has dichroic trapezoidal filters to achieve maximum light output when using the rainbow effect. The front colour wheel is out of focus and creates extraordinary effects together with the art glasses wheel. The art glass wheel includes two color filter conversion (similar to CTO and CTB) that can blend with the other colours to create numerous effects.

... extraordinary effects...

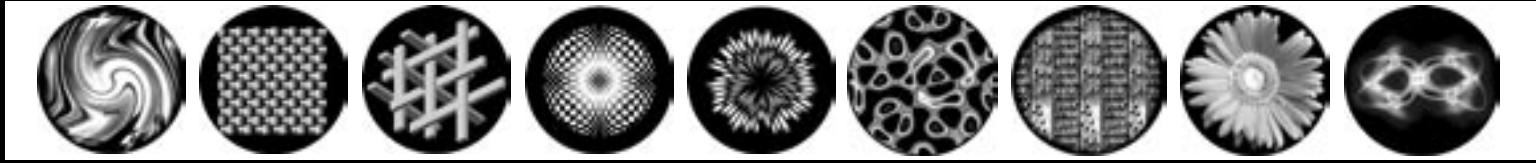
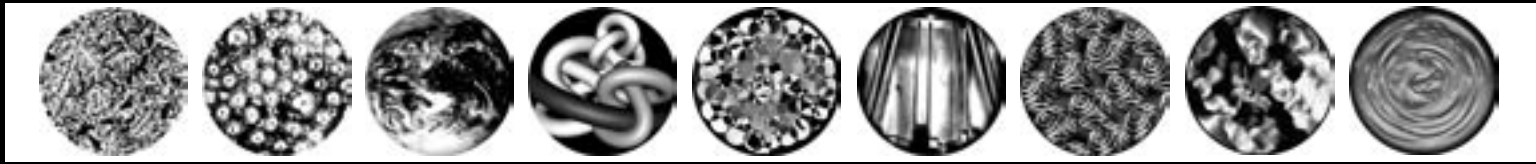


... numberless scenographies...

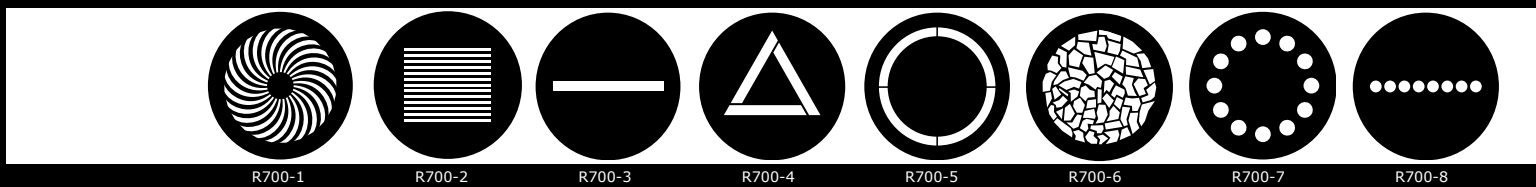
Dichroic color gobos



Dichroic gray scale gobos



Metal gobos



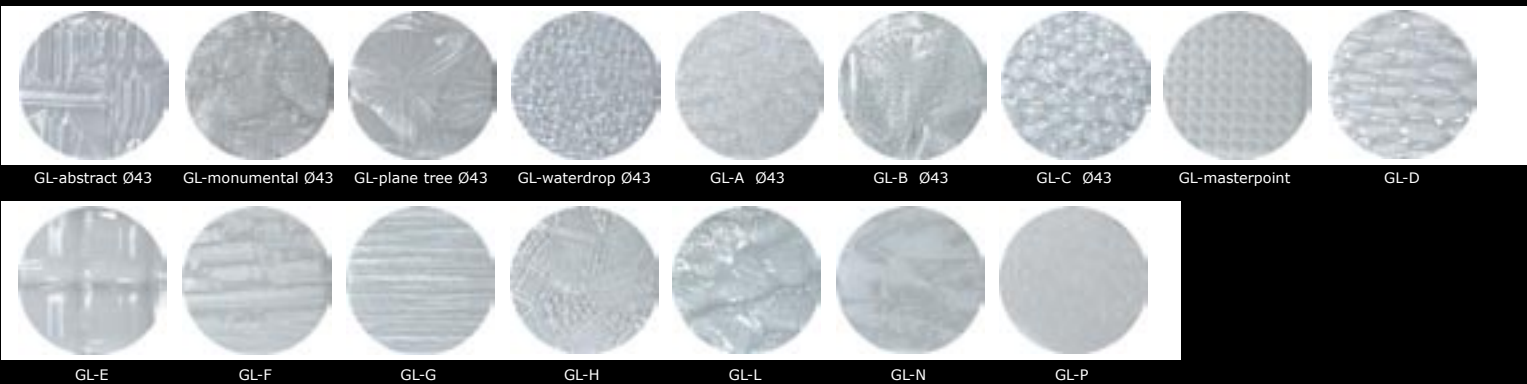
gobos and glasses

gobos and glasses

Dichroic B/W gobos



Glass



gobos and glasses

XS 1200 technical features

- LAMPS (OSRAM)	HMI 1200W/S XS	HTI 700W/DE XS	HMP 575 DE XS
color temperature:	6.000° K	5.600° K	6.000° K
lamp life:	750 hrs	500 hrs	500 hrs
luminous flux:	110.000 lm	56.000 lm	60.000 lm (700W)
colour rendering index:	(Ra)>90	(Ra)>85	(Ra)>85

automatic lamp re-strike
remote ON/OFF and reset by DMX and/or panel

- PAN TILT

stepper motor 16 bit resolution:
pan: 460°, 360°, 180°, tilt: 270°, 180°
pan/tilt excursion: 3 different by setting menu
ramp: fast/slow by DMX
encoder close loop with auto-repositioning

- COLORS

colors wheel A: 5 colors + 6 bicolors continuous position + rainbow
colors wheel B: 3 colors + 3 bicolors

2 color filters conversion (similar to CTO and CTB)

- GOBOS

2 rotating indexable gobos wheels: 5 gobos + white (max gobo tickness 4mm)
3 static printed glass gobos

- **DIMMER:** 100-60% electronic dimmer - 60-0% mechanical dimmer

- **SHUTTER:** fast shutter with electronic dimmer function (-40% lamp power)

- **STROBE:** 1-15 Flashes/sec.

- **MOTORIZED ZOOM:** continuous positioning (17°-27°)

- **MOTORIZED FOCUS:** 1m-infinite

- **ROTATING PRISMS:** 2 rotating prisms

- **IRIS:** continuous positioning

- **FROST:** 2 frost filters +1 continuous frost

- **SETUP:** built-in microprocessor with LED display and graphic LCD

- **DISPLAY:** graphic LCD with flip function (can be rotate through 180°)

- **CONTROL INPUT:** standard interface: RS-485, opto-coupled input, protocol: USITT DMX512

- **LAMP SUPPLY:** electronic ballast 100Hz square wave with power lamp stabilizer

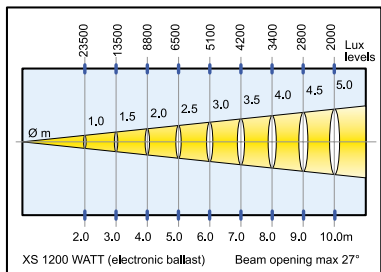
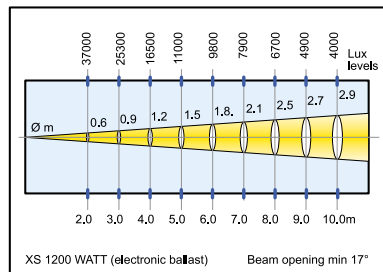
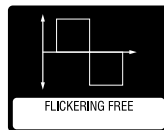
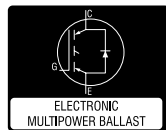
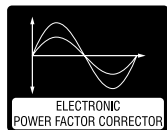
- **POWER SUPPLY:** electronic ballast: 95-260V/47-63Hz with electronic PFC

- **DMX CHANNELS** (20 channels)

ch1 = iris	ch8 = tilt fine
ch2 = color	ch9 = dimmer
ch3 = gobo A	ch10 = motor speed
ch4 = strobe/shutter	ch11 = focus
ch5 = pan coarse	ch12 = filters
ch6 = pan fine	ch13 = gobo B
ch7 = tilt coarse	ch14 = gobo B pos.rot.

- **DIMENSIONS:** (wxdxh) mm. 435x435x640

- **WEIGHT:** kgs. 32



XS 700/B technical features

- LAMP (OSRAM)	HMP 575 DE XS
color temperature:	6.000° K
lamp life:	500 hrs
luminous flux:	60.000 lm (700W)
colour rendering index:	(Ra)>85

automatic lamp re-strike
remote ON/OFF and reset by DMX and/or panel

- PAN TILT

stepper motor 16 bit resolution:
pan: 460°, 360°, 180°, tilt: 270°, 180°
pan/tilt excursion: 3 different by setting menu
ramp: fast/slow by DMX
encoder close loop with auto-repositioning

- COLORS

color wheel: 5 colors + 6 bicolors continuous position + rainbow
1 color + 2 bicolors (fixed on effects wheel)

2 color filters conversion (similar to CTO / CTB)

- GOBOS

1 rotating indexable gobos wheel: 5 gobos + white + rainbow (max gobo tickness 4mm)

1 static gobos wheel: 5 gobos + white (max gobo tickness 4mm)

3 static printed glass gobos (fixed on effects wheel)

- **DIMMER:** 100-0% mechanical dimmer

- **STROBE:** 1-15 Flashes/sec.

- **MOTORIZED ZOOM:** continuous positioning (17°-27°)

- **MOTORIZED FOCUS:** 1m-infinite

- **IRIS:** continuous positioning

- **ROTATING PRISM:** 1 rotating prism (on effects wheel)

- **FROST:** 1 static medium frost (fixed on effects wheel)

- **SETUP:** built-in microprocessor with LED display

- **DISPLAY:** with flip function (can be rotate through 180°)

- **CONTROL INPUT:** standard interface: RS-485, opto-coupled input, protocol: USITT DMX512

- **LAMP SUPPLY:** electronic ballast 100Hz square wave with power lamp stabilizer

- **POWER SUPPLY:** electronic ballast: 95-260V/47-63Hz with electronic PFC

- **DMX CHANNELS** (17 channels)

ch1 = iris	ch7 = tilt coarse	ch13 = gobo B
ch2 = color	ch8 = tilt fine	ch14 = gobo B pos.rot.
ch3 = gobo A	ch9 = dimmer	ch15 = prism/frost + colors
ch4 = strobe/shutter	ch10 = motor speed	ch16 = zoom
ch5 = pan coarse	ch11 = focus	ch17 = reset/lamp off/PT ramp
ch6 = pan fine	ch12 = filters	

- **DIMENSIONS:** (wxdxh) mm. 435x435x640

- **WEIGHT:** kgs. 31

