

LIVE PRO 1200W TECHNICAL FEATURES (art. 9701)

LAMP	- MSR 1200W SA Daylight (short arc) or - HTI 1200W SE 5400 K (short arc) - 600 hours average life with magnetic ballast - 800 hours average life with electronic ballast - Easy lamp replacing	INPUT SYSTEM	- USITT DMX 512 protocol - Opto-isolated input - Local and remote motor reset - Remote electronic lamp dimming 35% - Remote control lamp on/off - All functions autotest switch - Pan/Tilt 50% switch - Pan/Tilt 100% switch - Pan/Tilt swap switch - Pan/Tilt inversion switch
OPTIC	- Two optical systems, remotely selectable and programmable, 13 and 20 degrees		
MOVEMENT RESOLUTION	- Pan/Tilt movement 12 bit resolution: - Smooth and accurate movement repeatable positioning achieved through a high performance digital control system - Closed loop position control system based on the 87C75 microprocessor	CONNECTIONS	- 2 canon 5 pins (male and female), 2 canon 3 pins (male and female); DMX ground lift switch
PAN	- Pan displacement 370 degrees - Time for revolution: min. 3,5 sec - max. 400 sec (12 bit controller)	CONTROL SYSTEM	- All spot functions driven by 4 powerful microprocessor - Stepping motor controlled in microstepping and PWM - Low noise during the resetting phase
TILT	- Tilt displacement: 300 degrees - Time for revolution: min. 3 sec - max. 400 sec (12 bit controller)	SAFETY SYSTEM	- Double safety relays disconnects the power in case of: a) panel opening for the lamp replacing b) overheating of electronic circuits or lamp c) fan malfunctioning
COLOR SYSTEM	- Full CYM color mixing, unlimited variety of colors and shades. CYM can be used also with sharp beam (without frost or prisms) - High resolution stepper motors 0.9 degrees Color crossfades can be programmed at four different speeds or in real time. - 2 color wheels of 5 dichroic colors + white each one, (dichroic gobos installable in one of them). Continuous rotation of the two color wheels (rainbow effect, three different speeds) - Filter conversion from 5400K to 3200K	POWER SUPPLY	(with magnetic ballast); - Standard supply voltage 230V 50/60Hz - Built in ballast - Built in power factor corrector - Inrush current limitation - Power consumption: 8 amps
GOBOS	- 1 Rotating wheel (3 speeds) with 6 changeable rotating metal gobos or fixed crystal gobos: three bidirectional variable speeds - 1 Wheel with 6 changeable rotating metal or fixed crystal gobo, fully variable speed and memory position	POWER SUPPLY	(with electronic ballast); - Standard supply voltage 95/255V 50/60Hz - Power consumption: 230V = 7Amps - 100V = 16Amps
FROST	- Continuous wash frost filter to dissolve gobo images or for diffused light - 2nd frost filter (no continuous) for projection similar to a par 64	MECHANICAL SYSTEM	- Pan and Tilt movement on double taper bearings - Transmission by a double custom reinforced driving belt and double motors - Spring to maintain a constant tension for the driving belt
DIMMER	- Dimmer to change the light beam intensity from 0 to 100%	COOLING SYSTEM	- Radial blowers for lamp cooling with automatic circuit for the regulation of the air flux in function of the temperature. - 2 quiet axial fan 80x80 mm. 24V DC located in the head for electronic circuits cooling - 1 axial fan 120x120 mm. 24V DC located in the base for electronic circuits cooling
IRIS	- Iris to change the light beam opening angle	DIMENSIONS	- (packing box) WxDxH = 80x71x61
ELECTRONIC FOCUS	- Continuous storable focus on booth two different optics	WEIGHT	- Net weight: 31,5 kgs. Gross weight: 37,5 kgs.
STROBO BLACKOUT	- Black out and strobe effect with frequency regulation		
PRISMS	- 1 prism with 5 flat projections - 1 prism with 4 circular projections - Booth prisms can rotate at different speed		

DMX CHANNELS Art. 9701

- Ch 1 Iris
- Ch 2 Color wheel 1 with rainbow
- Ch 3 Rotating gobo with rainbow
- Ch 4 Shutter + strobo
- Ch 5 Pan coarse
- Ch 6 Pan fine
- Ch 7 Tilt coarse
- Ch 8 Tilt fine
- Ch 9 Dimmer
- Ch 10 Motors speed (4 speeds)
- Ch 11 2 optics + focus
- Ch 12 Color wheel 2 with rainbow
- Ch 13 Rotating gobos with memory position
- Ch 14 Gobos speed/gobos position
- Ch 15 Magenta
- Ch 16 Cyan
- Ch 17 Yellow
- Ch 18 Wash frost
- Ch 19 Prisms + standard frost
- Ch 20 Reset + lamp on/off (* lamp dimming)

DMX CHANNELS Art. 97011

- Ch 1 Iris
- Ch 2 Color wheel 1 with rainbow
- Ch 3 Rotating gobo with rainbow
- Ch 4 Shutter + strobo
- Ch 5 Pan coarse
- Ch 6 Pan fine
- Ch 7 Tilt coarse
- Ch 8 Tilt fine
- Ch 9 Dimmer
- Ch 10 Motors speed (4 speeds)
- Ch 11 2 optics + focus
- Ch 12 Color wheel 2 with rainbow
- Ch 13 Rotating gobos with memory position
- Ch 14 Gobos speed/gobos position
- Ch 15 Prisms + standard frost
- Ch 16 Reset + lamp on/off (* lamp dimming)

DMX CHANNELS Art. 97012

- Ch 1 Iris
- Ch 2 Color wheel 1 with rainbow
- Ch 3 Static Gobo with rainbow
- Ch 4 Shutter + strobo
- Ch 5 Pan coarse
- Ch 6 Pan fine
- Ch 7 Tilt coarse
- Ch 8 Tilt fine
- Ch 9 Dimmer
- Ch 10 Motors speed (4 speeds)
- Ch 11 2 optics + focus
- Ch 12 Color wheel 2 with rainbow
- Ch 13 Rotating gobos with memory position
- Ch 14 Gobos speed/gobos position
- Ch 15 Standard frost
- Ch 16 Reset + lamp on/off (* lamp dimming)

* Function available only using an electronic ballast.

STANDARD ROTATING GOBOS WHEEL 1



STANDARD ROTATING GOBOS WHEEL 2
(with memory position)



DICHROIC GOBOS WHEEL



• FURTHER CRISTAL AND METAL GOBOS, AVAILABLE ON REQUEST (refere to chapter "GOBOS")