Air 5Fan

5x40 W moving head linear, pivot, mirror and pixel effect
ORDER CODE: **AIR5FAN**

Air 5Fan is a pixel-FX moving head, able to control the spread of its pixels through the motorised lens system, passing from a sharp linear beam effect to a multi-ray effect. Powered by 5x40 W RGBW / FC LEDs, with a 2° beam each, delivering stunning brightness for large setups and featuring infinite rotation over pan and tilt. Last but not least, **Air** 5Fan allows for the mounting of a mirror on its housing allowing for an added effect as moving projecting surface bouncing beams from other light sources.

MAIN FEATURES

- 5x40 W RGBW Osram LED with 2° beam angle
- Motorised pivot lenses from linear beam to multi-ray effect
- Mountable mirror on the housing featuring as a moving mirror
- Infinite pan and tilt rotation

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 5x40 W RGBW Osram Ostar LEDs
- Lux: 27'211 lx @3 m
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: 2°
- Lens diameter: 68 mm
- Lens type: high-quality glass lens optics

COLOUR SYSTEM
- Colour mixing: RGBW / FC
- CTC: CTC control through independent DMX channel
- White presets: 2.700 K - 10.000 K
- Colour wheel: virtual colour wheel with presets

DYNAMIC EFFECTS
- Pixel patterns: pre-programmed dynamic and static patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- Special features: head pivot control, mirror reflecting beams

BODY
- Hardware on-board: mountable mirror through quick-lock screws
- Pan angle: 540° / 630° with 360° continuous rotation
- Tilt angle: 360° with 360° continuous rotation
- Pan/Tilt resolution: 16bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with hi-resistance polycarbonate cover
- Body colour: black
- Other: pivot angle: 0° - 28°

CONTROL
- Protocols: DMX512, RDM, Art-Net
- DMX channels: 17 / 27 / 43 channel
- Pixel control: pixel2pixel control
- W-DMX: optional, wireless solution receiver
- RDM: RDM ready for fixture remote monitor and settings
- Display: LCD high resolution colour display with autoflip
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included
- Hibernation: power safe mode when lost DMX
- Master/Slave: for synchronized operation of more units linked in a chain

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 30 Hz, electronic
- Battery backup: battery backup for user operation without connecting to the main power
- Operating temperature: -10° ~ +45°
- Flicker: flicker free operation

ELECTRICAL
- Power supply: 100-240 V – 50/60 Hz
- Power consumption (at 230 V): 208 W
- Power consumption (at 120 V): 218 W

PHYSICAL
- Cooling: aluminium heat sink cooling system and low noise fan
- Sospension and fixing: any position with quick-lock omega brackets
- Pan / tilt lock: pivot lock for trasportation and maintenance
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection: Art-Net RJ45 IN/OUT
- Power connection: Neutrik powerCON TRUE1 IN connector
- IP rating: 20
- Dimensions (WxHxD): 577x413x242 mm
- Weight: 16 kg

ACCESSORIES & RELATED PRODUCTS

- OS24: Quick-lock omega bracket.
- FCLAIR5FAN: Flight case for 4 pcs of AIR5FAN
- WSBBF1G5: BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- WSWBF1G5: WhiteBox F-1 G5 IP66 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- MICROF1G5: Micro F-1 G5 transmitter, int. omni antenna 2dBi, 2,45GHz. 512Ch, 12VDC, Batt.

- WSPBF2500G5: ProBox F-2500 G5 transmitter, 1024Ch 90-250VAC, 19
- WSBBF2G5: BlackBoxF-2 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 1024Ch
- WR24ANG5: WIRELESS SOLUTION, nano RX DMX 3.3V/5V-18V MCX
- WSA40501: WDMX, antenna 2.4Ghz 2dBi omnidirectional, folding, SMA-male, indoor
- C6002: Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt
- UPBOX2: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT

COLOUR PRESET FULL ON

Beam angle 2°

Photometrics

Flux out: 591.2 lm

Height	E avg / E max		Angle: 4.87°	Diameter
3 ft / 1 m	9,172 / 12,210 fc	98,725 / 131,429 lx		0.27 ft / 8.50 cm
7 ft / 2 m	2,293 / 3,052 fc	24,681 / 32,857 lx		0.55 ft / 17.01 cm
10 ft / 3 m	1,019 / 1,356 fc	10,969 / 14,603 lx		0.83 ft / 25.51 cm
13 ft / 4 m	573 / 765 fc	6,170 / 8,241 lx		1.11 ft / 34.02 cm
16 ft / 5 m	367 / 488 fc	3,949 / 5,257 lx		1.39 ft / 42.52 cm
20 ft / 6 m	255 / 339 fc	2,742 / 3,651 lx		1.67 ft / 51.02 cm
23 ft / 7 m	187 / 249 fc	2,015 / 2,682 lx		1.95 ft / 59.53 cm
26 ft / 8 m	143 / 191 fc	1,543 / 2,054 lx		2.23 ft / 68.03 cm
30 ft / 9 m	113 / 151 fc	1,219 / 1,623 lx		2.51 ft / 76.53 cm

Note: the Curves indicate the illuminated area and the average illumination when the luminaire is at different distance
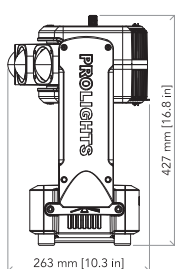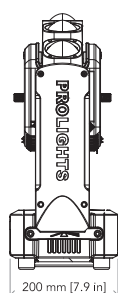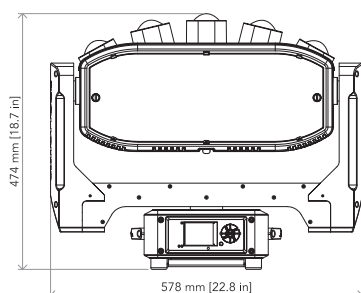
COLOUR PRESET SINGLE LED

Beam angle 2°

Photometrics

Flux out: 176.4 lm

Height	E avg / E max		Angle: 4.74°	Diameter
3 ft / 1 m	2737 / 3.037 fc	29,459 / 32,694 lx		0.27 ft / 8.28 cm
7 ft / 2 m	684 / 759 fc	7,365 / 8,173 lx		0.54 ft / 16.56 cm
10 ft / 3 m	304 / 337 fc	3,273 / 3,633 lx		0.81 ft / 24.83 cm
13 ft / 4 m	171 / 190 fc	1,841 / 2,043 lx		1.08 ft / 33.11 cm
16 ft / 5 m	109 / 121 fc	1,178 / 1,308 lx		1.35 ft / 41.39 cm
20 ft / 6 m	76.02 / 84.37 fc	818.3 / 908.2 lx		1.62 ft / 49.67 cm
23 ft / 7 m	55.85 / 62 fc	601.2 / 667.2 lx		1.90 ft / 57.94 cm
26 ft / 8 m	42.76 / 47,45 fc	460.3 / 510.8 lx		2.17 ft / 66.22 cm
30 ft / 9 m	39,57 / 37,49 fc	393.7 / 403.6 lx		2.44 ft / 74.50 cm

Note: the Curves indicate the illuminated area and the average illumination when the luminaire is at different distance

TECHICAL DRAWINGS

474 mm [18.7 in]
578 mm [22.8 in]
200 mm [7.9 in]
263 mm [10.3 in]
427 mm [16.8 in]