



## FOS Active Winch



# PRODUCT SPECIFICATIONS

## TECHNICAL SPECIFICATION

**Voltage:** AC100-240V 50-60HZ

**Power Consumption:** 100W

**Average lifting speed:** 1.2 m / s

**Maximum range of lifting:** 9 meters

**Menu display:** LCD

**DMX control mode:** 9CH of LED circle ball; 63CH of LED tube

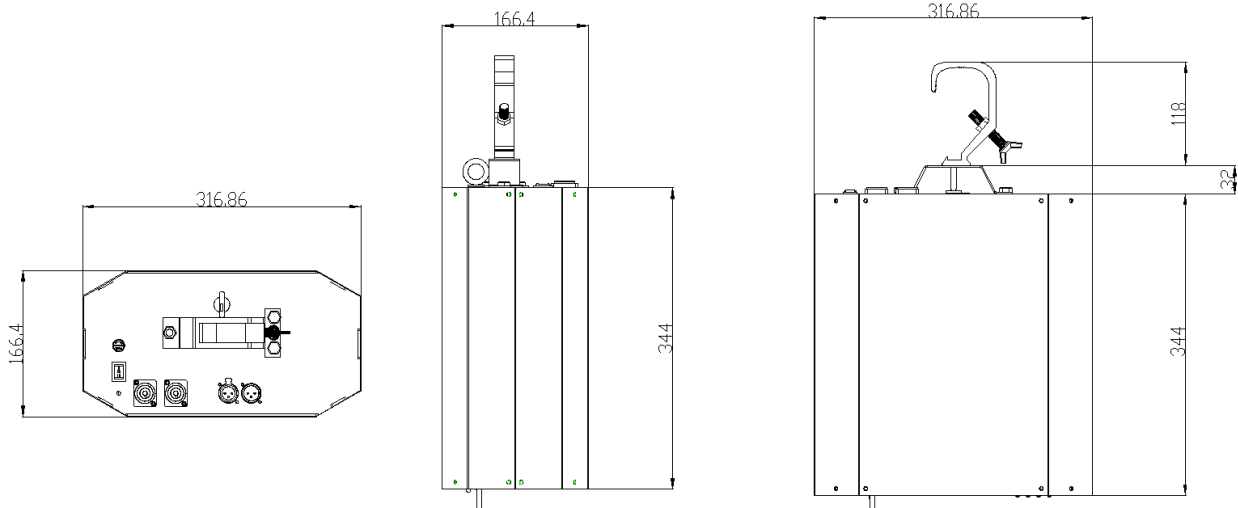
**Protection level:** IP20

**Body Material:** Iron with spraying

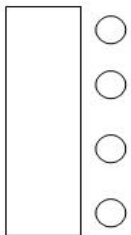
**Net Weight:** 8.55KG

**Body size:** 317x167x344mm

# Dimensions



# Options Menu



- A. Menu**
- B. Up**
- C. Down**
- D. Enter**

Operation instructions: Press function key A will cycle out eight different functions; the first two digits of the digital tube represent the current function (refer to the function table). The last two digits represent the address code, speed, and parameters of the function. Press B or C to modify its parameter value. Press D to confirm.

When set working for LED circle ball condition, first enter the operation mode of the display panel and then adjust the operation mode to 9CH (Run mode---DMX mode).

When set working for LED tube condition, first enter the operation mode of the display panel and then adjust the operation mode to 63CH (Run mode---DMX mode).

## DMX Chart

Mode	Channel	Function	Data	Details
9CH	1	Lifting	0-255	LIFTING UP AND DOWN
	2	Lifting Fine	0-255	LIFTING FINE UP AND DOWN
	3	Lifting speed	0-255	CONTROL SPEED OF LED BALL
	4	reset	0-255	RESET
	5	Bright control	0-255	LED brightness adjustment
	6	strobe	0-255	STROBE
	7	RED	0-255	RED DIMMER
	8	GREEN	0-255	GREEN DIMMER
	9	BLUE	0-255	BLUE DIMMER

Mode	Channel	Function	Data	Details
63CH	1	Lifting	0-255	LIFTING UP AND DOWN
	2	Lifting Fine	0-255	LIFTING FINE UP AND DOWN
	3	Lifting speed	0-255	CONTROL SPEED OF LED TUBE
	4	reset	0-255	RESET
	5	Bright control	0-255	LED brightness adjustment
	6	strobe	0-255	STROBE
	7	LED 1 RED	0-255	RED DIMMER
	8	LED 1 GREEN	0-255	GREEN DIMMER
	9	LED 1 BLUE	0-255	BLUE DIMMER
	10	LED 2 RED	0-255	RED DIMMER
	11	LED 2 GREEN	0-255	GREEN DIMMER
	12	LED 2 BLUE	0-255	BLUE DIMMER
	...	...red	0-255	
	...	...green	0-255	
	63	BLUE	0-255	BLUE Dimmer

# SAFETY WARNING

This product must be installed by a qualified professional. All maintenance must be carried out by a qualified electrician. A minimum distance of 0.5 m must be maintained between the equipment and a combustible surface. The product must always be operated in a well-ventilated area. DO NOT stare directly into the light source. Always disconnect the power before carrying out any maintenance. The earth must always be connected to the ground. Ensure that all parts of the equipment are kept clean and free of dust.

# PROTECTION AGAINST SOLIDS AND WATER

## Only for IP-rated fixtures

The protection level of a housing is set by applied standards. For classification there is used the IP-Code. It contains the declaration „IP“ and two following numbers. The first number characterizes the protection against harmful effects of solids, the second is rating the water protection. It is important to distinguish whether encapsulation and harmful effect! There can be housing that is not capsuled completely but still avoids harmful effect of solids or water.

## PROTECTION EXAMPLES:

**IP20:** Protection against intruding objects >12,5mm „Finger protected “; No waterproofing. **TYPICAL PROTECTION FOR INDOOR USE FIXTURES**

**IP33:** Protection against intruding objects >2,5mm; Falling water within an angle of 60° has no harmful effect **TYPICAL PROTECTION OF LED-LIGHTS USING RECESSED POWERCON AND DMX SOCKET.** This protection is linked to the mounting position of the fixture and always refers to typical mounting situation like a Floor spot used standing on the ground.

**IP54:** complete protection against solids and low-pressure water from any side **THIS TYPE OF FIXTURES CAN BE USED UNDER NORMAL OUTDOOR CONDITIONS.**

**IP65:** shielded against dust and pressurized water from any side. **TYPICAL PROTECTION FOR OUTDOOR RATED EVENTFIXTURES USING WATERPROOFED POWER AND SIGNAL LINK.**

**IP67:** shielded against dust and protected for accidental briefly submerge. **PROTECTION AGAINST ACCIDENTAL SUBMERGING ON TEMPORARY FLOODED AREA.**

## TEMPORARY USE

Event equipment is designed for temporary use. This are typical purpose as concerts, festivals, theatre, clubs and disco use and referable venues. Long-term use, specially under outdoor conditions and fixed outdoor installation can bring damage in aging materials and affect the coated surface. Sealings as well as cables are made from rubber material and will age by long-term UV-emission as sunlight and should be checked frequently.

## LIMITATIONS OF IP PROTECTION

IP-Rating doesn't mean unlimited outdoor use and protection against any kind of environmental influence! Especially sunlight and included UV will bring accelerated aging. Some fixtures need special parts or processes to fit the rated IP-Protection, like mounting covers or caps or similar. Sealings and other plastic or rubber materials are aging parts. They must be checked frequently to ensure the protection and safety of the fixtures. Also specified torque of screws can affect protection!