

**SHOWVEN**<sup>®</sup>  
PASSION FOR INNOVATION

*Our Innovation  
Sparks Up Your Show*

## ABOUT US

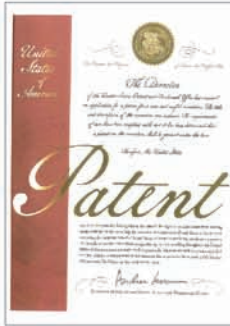


Our innovation journey starts from 2015, with the invention of SPARKULAR<sup>®</sup>, world's first spark machine that perfectly replaces traditional fireworks gerb. Since then on, our innovation have been continuously introduced one after another, we invented the SPARKUALR<sup>®</sup> Cyclone, 10m sparks effects; SPARKULAR<sup>®</sup> JET which again a never seen special effects machine to replaces traditional fireworks jet. The first flame thrower with 360 degree rotatable nozzles CIRCLE FLAMER X-F3600; The first standalone flamer with effects upto 20m uFlamer Max. The first dedicated special effects console FXcommander<sup>®</sup> for professionals to control both DMX and PYRO simultaneously, which brings the control of special effects to a next level safety. For better technology breakthrough and bring more innovated solutions to this industry, we established an R&D team with 35 talented engineers, invest 10% of our turnover in R&D every year. And we obtained 1 US patent, 2 EU patents, 1 AU patent and hundreds of patents in China.

In SHOWVEN<sup>®</sup>, we established a dedicated QUALITY department, introduced strict quality control process from product design, raw material supply to production, testing and package to ensure high quality product supply. For better SERVICE our customer and meet the growing market demand, we invested in the construction of a 34000m<sup>2</sup> industrial park in 2021, which is by far the world's largest facility dedicated in special effects industry.

In SHOWVEN<sup>®</sup>, we care about environment and pursue sustainable development; we care about the well-being of our staff; and we listening to our customer, collecting market demand and keeping improve our products. Together with our global partner we will sparks up your show in every corner of the world.

# PATENTS FOR INVENTION



# PART OF TRADEMARKS



# COMPANY LEVEL CERTIFICATE



# NATIONAL LEVEL AWARDS



\ TECHNOLOGICALLY ADVANCED "LITTLE GIANT" ENTERPRISE (MINISTRY OF INDUSTRY AND INFORMATION TECHNOLOGY)



\ NATIONAL KEY CULTURAL EXPORT ENTERPRISE (MINISTRY OF COMMERCE)



\ SPARKULAR AWARDED AS LDI BEST DEBUT PRODUCT

# PRODUCT RANGE



\ SPARKULAR®.....05-20



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**SPARKULAR®**





# SPARKULAR®

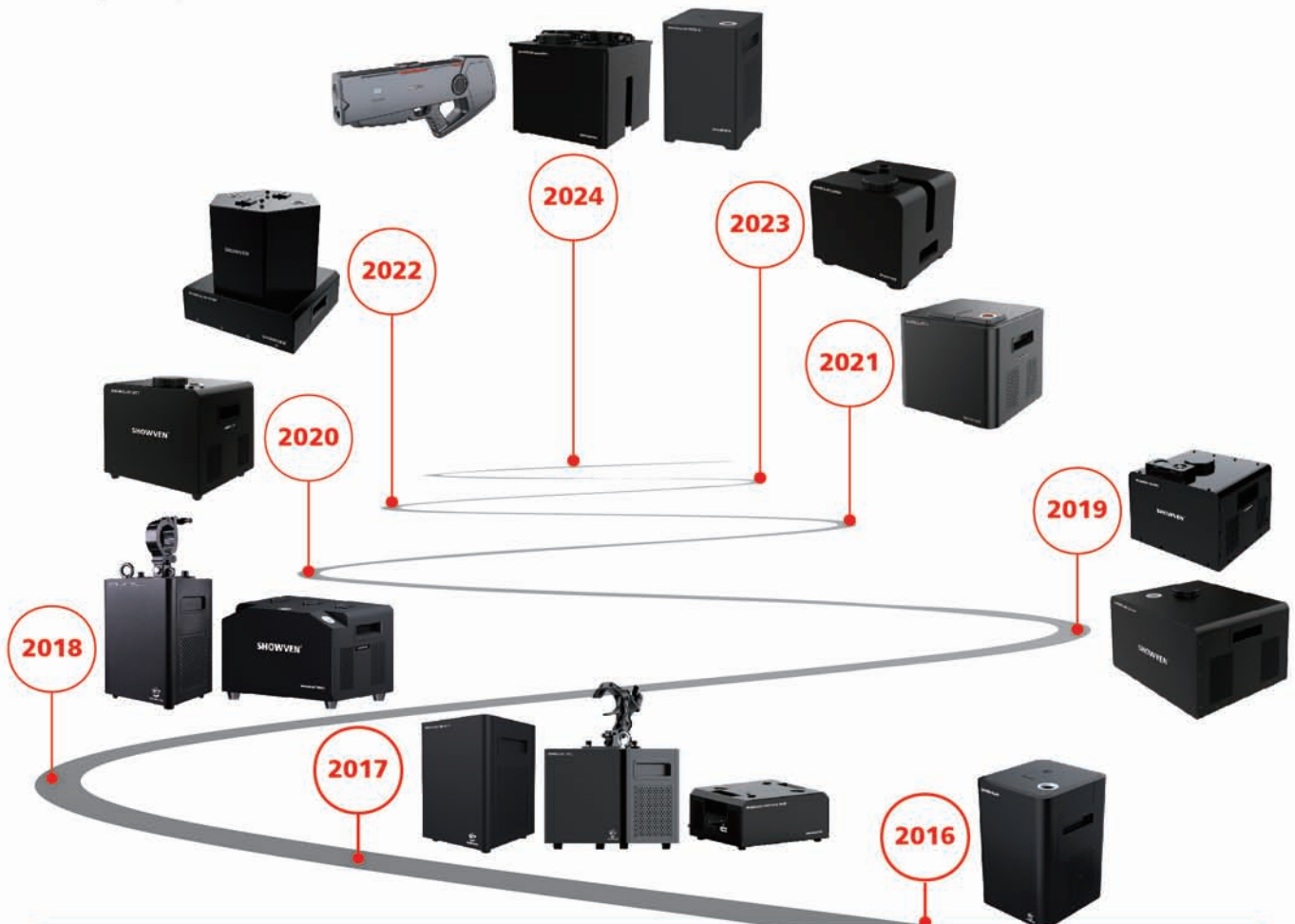
SPARKULAR® is not only a global trade mark of SHOWVEN®, but also a brand new effect invented by SHOWVEN® in 2015, it generate sparks effect with only an electronic device and metal powder. We obtained 1 US patent, 2 EU patents and 1 Australia patent and dozens of patents in China on this non-pyro technology. And wined the best debut product on 2016 LDI show in Las Vegas.

The SPARKULAR® is a perfect substitute of traditional fireworks gerb. When firing there is no flame tail, no gunpowder is used and it is fully controllable, brings the spark effects to a new safety standard. Besides, there is no smoke and no pyro smell generated makes it an ideal choice for indoor events.

Based on the patented SPARKULAR® technology platform, we have continuously developed and innovated in the past few years, listened to customer's needs, and launched a broad series of SPARKULAR® products.

## COMMON FEATURES

- \ Original innovation introduced by SHOWVEN®
- \ Patented non-pyro technology
- \ Safe, non-pyro, no gunpowder and multi built-in safety sensors
- \ Tilt protection, safer for use
- \ DMX controllable, can be started and stopped at any time
- \ Environmental friendly, no smoke and pyro smell
- \ Adjustable sparks height through DMX or powder size
- \ Long effects time after fill up
- \ Easy setup and teardown



## UNIQUE FEATURES:

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### SPARKULAR® mini



- \ Wireless control, easy operation
  - \ Integrated wireless, unexposed, anti-collision
  - \ Light weighted and compact design, easy to carry
  - \ White version optional
  - \ Work with SPARKULAR® PORTABLE PACK to achieve real wireless
- 

### SPARKULAR®



- \ The world's first spark machine
  - \ Winner of Best Debut Product
  - \ Adjustable effect height from 1.5-5m
  - \ Up to 10-20min effects time after fill up
  - \ Wireless function optional
- 

### SPARKULAR® PORTABLE PACK



- \ Removable power supply for SPARKULAR® and SPARKULAR® mini
  - \ Smart design, easy operation and installation
  - \ Get rid of dependence on main power supply, achieve real wireless
  - \ Ideal choice for outdoor events, weddings, mobile displays
-

## ENTRY LEVEL SPARKULAR® SPECIFICATIONS:

SPARKULAR® SERIES		SPARKULAR® mini	SPARKULAR®	SPARKULAR® PORTABLE PACK
MODEL		BT06 / BT07	BT01 / BT02	SP0520 / SP0521
DIMENSION (mm)		168×180×228	200×218×305	266×235×130
NET WEIGHT (kg)		4.5	8.5	7.5
VOLTAGE		220V(BT06)/110V(BT07), 50/60Hz	220V(BT01)/110V(BT02), 50/60Hz	220V (SP0520) 110V (SP0521)
WORK POWER		380W	500W	500W
HOUSING MATERIAL		FR ABS	FR ABS	METAL
INTERNAL BRACKET MATERIAL		Stainless steel	Stainless steel	METAL
COLOR		Black / White	Black	\
EFFECT DIRECTION		Vertical Up	Vertical Up	\
HOPPER CAPACITY		100g	200g	\
EFFECT HEIGHT	SMALL	1.5-2m	1.5-2.5m	\
	MEDIUM	2-2.5m	1.5-3.5m	\
	LARGE	2-3.5m	2-5m	\
HEIGHT ADJUSTABLE BY DMX		NO	YES	\
HC8200 CONSUMPTION RATE		15g/min	20g/min	\
SCREEN		16*2 Monochrome LCD	16*2 monochrome LCD	LCD screen
ARM LIGHT		NO	NO	NO
POWER CONNECTORS		POWER IN/OUT	POWER IN/OUT	POWER IN/OUT
XLR CONNECTORS		3-pin XLR IN/OUT	3-pin XLR IN/OUT	\
WATERPROOF		NO	NO	\
CONTROL		DMX, Wireless	DMX, Wireless optional	\
DMX CHANNELS		2	2	\
BATTERY CAPACITY		\	\	24V10AH
WORK TEMP.		-20°C~50°C	-20°C~50°C	-10°C~50°C

## UNIQUE FEATURES:

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### SPARKULAR® II



- \ Second generation SPARKULAR®
  - \ Adjustable effect up to 6m
  - \ Lower noisy
  - \ Optimized feeding system
  - \ All motor status real time monitoring
  - \ New generation output tube
  - \ Aluminum top plate module, sturdy and durable
  - \ Flat structure, better for stage layout
  - \ Rainproof structure, can be used in rain
  - \ 3.2' LCD color screen
  - \ Both 3-pin and 5-pin XLR connectors
  - \ Independent safety DMX channel
- 

### SPARKULAR® PRO



- \ IP55 rated weatherproof enclosure, designed for outdoor installations
  - \ 1200g extra large hopper, support 1h effects time
  - \ Stainless steel panel, durable and reliable
  - \ Adjustable effects upto 5.5m
- 

### SPARKULAR® Cyclone



- \ 10m spark effects machine
  - \ Powerful output with dense sparks
  - \ Reinforced stainless steel structure
  - \ Rainproof encloser, can be used in rain
-

## PRO. LEVEL SPARKULAR® SPECIFICATIONS:

SPARKULAR® SERIES		SPARKULAR® II	SPARKULAR® PRO	SPARKULAR® Cyclone
MODEL		BT11 / BT12	BT71 / BT72	BT61 / BT62
DIMENSION (mm)		286×280×258	315×290×285	457×370×280
NET WEIGHT (kg)		9	16.5	27
VOLTAGE		220V(BT11)/110V(BT12), 50/60Hz	220V(BT71)/110V(BT72), 50/60Hz	220V(BT61)/110V(BT62), 50/60Hz
WORK POWER		500W	600W(BT71)/700W(BT72)	1700W
HOUSING MATERIAL		FR ABS+Aluminum	304 stainless steel	304 stainless steel
INTERNAL BRACKET MATERIAL		Stainless steel	Stainless steel	Stainless steel
COLOR		Black	Black	Black
EFFECT DIRECTION		Vertical Up	Vertical Up	Vertical Up
HOPPER CAPACITY		300g	1200g	500g
EFFECT HEIGHT	SMALL	1.5-3m	No data available	No data available
	MEDIUM	2-4.5m	No data available	No data available
	LARGE	3-6m	5-5.5m	6-7m
	LARGE I	Not Applicable	5-5.5m	7-8m
	LARGE II	Not Applicable	Not Applicable	8-9m
	LARGE III	Not Applicable	Not Applicable	9-10m
HEIGHT ADJUSTABLE BY DMX		YES	YES	YES
HC8200 CONSUMPTION RATE		20g/min	20g/min	75g/min
SCREEN		3.2" Color LCD screen	16*2 monochrome LCD	16*2 monochrome LCD
POWER CONNECTORS		Neutrik®powerCON TRUE1 IN/OUT	Neutrik®powerCON TRUE1 IN/OUT	Neutrik®powerCON TRUE1 IN/OUT
XLR CONNECTORS		NEUTRIK 3-pin and 5-pin XLR IN/OUT	IP65 rated 3-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT
WATERPROOF		can be used in rain	IP55	can be used in rain
CONTROL		DMX, Wireless	DMX	DMX
DMX CHANNELS		2	2	2
WORK TEMP.		-20°C~50°C	-20°C~50°C	-20°C~50°C

## UNIQUE FEATURES:

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### SPARKULAR® TRIPLE



- \ 3-directions SPARKULAR® machine
- \ Triple heads, multi effects
- \ Separate control of each nozzle

- \ Neutrik® powerCON TRUE1 in/out
  - \ DMX controllable
  - \ RDMX function with SHOWVEN® original controller
- 

### SPARKULAR® SPIN



- \ Bidirectional rotatable
- \ Adjustable rotation speed
- \ Stainless steel panel, stable and durable

- \ DMX controllable, 2/4 channels switchable
  - \ Built-in wireless control, easy programming
  - \ Two 20° angled nozzles, romantic sparks effects
-

## MULTI OUTPUT SPARKULAR® SPECIFICATIONS:

SPARKULAR® SERIES		SPARKULAR® TRIPLE	SPARKULAR® SPIN
MODEL		BT51 / BT52	BT81 / BT82
DIMENSION (mm)		400x290x270	330x305x349
NET WEIGHT (kg)		20	20
VOLTAGE		220V(BT51)/110V(BT52), 50/60Hz	220V(BT81)/110V(BT82), 50/60Hz
WORK POWER		1500W	1000W
HOUSING MATERIAL		304 stainless steel	304 stainless steel
INTERNAL BRACKET MATERIAL		Stainless steel	Stainless steel
COLOR		Black	Black / White
EFFECT DIRECTION		one vertical nozzle + two 25° angled nozzles	two 20° angled nozzles, rotatable
HOPPER CAPACITY		3*160g	2*200g
EFFECT HEIGHT	SMALL	No data available	1.5-2.5m
	MEDIUM	2-4m	2-4m
	LARGE	2-5m	2-5m
HEIGHT ADJUSTABLE BY DMX		YES	YES
HC8200 CONSUMPTION RATE		3*17g/min	2*20g/min
SCREEN		16*2 monochrome LCD	16*2 monochrome LCD
POWER CONNECTORS		Neutrik®powerCON TRUE1 IN/OUT	Neutrik®powerCON TRUE1 IN/OUT
XLR CONNECTORS		Neutrik 3-pin and 5-pin XLR IN/OUT	Neutrik 3-pin and 5-pin XLR IN/OUT
WATERPROOF		NO	NO
CONTROL		DMX	DMX, Wireless
DMX CHANNELS		6	2 / 4
WORK TEMP.		-20°C~50°C	-20°C~50°C

## UNIQUE FEATURES:

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### SPARKULAR® JET



- \ Flashing SPARKULAR® effect originally invented by SHOWVEN®
  - \ Effect similar to 1s jet fountain fireworks
  - \ Effect height adjustable from 5m to 10m
  - \ Patented auto air compression technology, no external pressure tank needed
  - \ Nozzle adaptors optional, achieve various firing angle
  - \ Stainless steel housing with multi safety design, durable and reliable
- 

### SPARKULAR® WAYER



- \ 180 degree waving spark effect
  - \ Firing angle can be waving or any fixed direction between -90 to 90 degree
  - \ Fast and precise nozzle waving based on exclusive dual PID algorithm control system
  - \ 72 preset firing sequences, easy operation and programming
  - \ Stainless steel housing, durable and reliable
  - \ Motor status real time monitoring, safer to use and easier problem diagnosis
  - \ 3.2" LCD color screen, user friendly
-



## MULTI ANGLE SPARKULAR® SPECIFICATIONS:

SPARKULAR® SERIES		SPARKULAR® JET	SPARKULAR® WAVER
MODEL		BT91 / BT92	BT84 / BT85
DIMENSION (mm)		320x280x300	300x290x273
NET WEIGHT (kg)		16.5	15.5
VOLTAGE		220V(BT91)/110V(BT92), 50/60Hz	220V(BT84)/110V(BT85), 50/60Hz
WORK POWER		350W	500W
HOUSING MATERIAL		304 stainless steel	304 stainless steel
INTERNAL BRACKET MATERIAL		Stainless steel	Stainless steel
COLOR		Black	Black
EFFECT DIRECTION		Vertical Up, 30° and 45° angled nozzles optional	-90 ~ 90° (180° waving angles)
HOPPER CAPACITY		450g	400g
EFFECT HEIGHT	SMALL	4-5m	No data available
	MEDIUM	6-8m	2.5-3.5m
	LARGE	8-10m	3-4.5m
HEIGHT ADJUSTABLE BY DMX		NO	YES
HC8200 CONSUMPTION RATE		6g/shot(SMALL), 15g/shot	20g/min
SCREEN		16*2 monochrome LCD	3.2" Color LCD screen
ARM LIGHT		NO	YES
POWER CONNECTORS		Neutrik®powerCON TRUE1 IN/OUT	Neutrik®powerCON TRUE1 IN/OUT
XLR CONNECTORS		IP65 rated 3-pin and 5-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT
WATERPROOF		can be used in rain	can be used in rain
CONTROL		DMX	DMX, Wireless
DMX CHANNELS		2	6
WORK TEMP.		-20°C~50°C	-20°C~50°C

## UNIQUE FEATURES:

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### SPARKULAR® FALL



- \ DMX / Wireless remote control, can be started and stopped at any time
  - \ Sparks "waterfall" effects for professional stage
  - \ Fall length from 2-7m with different HC8200
  - \ Up to 13-21min effects duration after fill up
  - \ Easy setup and teardown with multi locations
  - \ Switchable effects mode (Low Level/High Level)
- 

### SPARKULAR® miniFALL



- \ Sparks "waterfall" effects for indoor use
  - \ Wide voltage design, can be used in 100-240V
  - \ New spark generation platform, better stability
  - \ New feeding structure minimize the stuck risks
  - \ Low power consumption, energy saving
  - \ Neutrik®powerCON connectors
  - \ Light weighted, easy for hanging and carry
- 

### SPARKULAR® waverFALL



- \ 180 degree 3-7m adjustable waving spark fall effect
  - \ The firing angle can be waving or any fixed direction between -90 to 90 degrees
  - \ Fast and precise nozzle waving based on exclusive dual PID algorithm control system
  - \ 72 preset firing sequences, easy operation, and programming
  - \ 3.2" LCD color screen, user friendly
-

## FALLING EFFECT SPARKULAR® SPECIFICATIONS:

SPARKULAR® SERIES		SPARKULAR® FALL	SPARKULAR® miniFALL	SPARKULAR® waverFALL
MODEL		BT04 / BT05	BT14	BT34/BT35
DIMENSION (mm)		196x208x192	150x160x240	309x305x285
NET WEIGHT (kg)		6	3.6	17
VOLTAGE		220V(BT04), 50/60Hz 110V(BT05), 50/60Hz	100-240V, 50/60Hz	AC 200-240V, 50/60Hz AC 100-120V, 50/60Hz
WORK POWER		500W	260W	500W
HOUSING MATERIAL		FR ABS	FR ABS	304 stainless steel
INTERNAL BRACKET MATERIAL		Stainless steel	Stainless steel	Stainless steel
COLOR		Black	Black	Black
EFFECT DIRECTION		Vertical Down	Vertical Down	-90° to 90°
HOPPER CAPACITY		280g	300g	400g
EFFECT HEIGHT	SMALL	No data available	No data available	No data available
	MEDIUM	2-3m	2-3m	No data available
	LARGE	3-4m	3-4m	3-4m
	LARGE I	4-5m	Not Applicable	4-5m
	LARGE II	5-7m	Not Applicable	5-7m
HEIGHT ADJUSTABLE BY DMX		YES	YES	YES
HC8200 CONSUMPTION RATE		20g/min	25g/min	25g/min
SCREEN		16*2 monochrome LCD	16*2 monochrome LCD	3.2" Color LCD screen
ARM LIGHT		NO	NO	YES
POWER CONNECTORS		POWER IN/OUT	Neutrik®powerCON IN/OUT	Neutrik®powerCON TRUE1 IN/OUT
XLR CONNECTORS		3-pin XLR IN/OUT	NEUTRIK 3-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT
WATERPROOF		NO	NO	YES
CONTROL		DMX, Wireless	DMX, Wireless	DMX, Wireless
DMX CHANNELS		2	2	6
WORK TEMP.		-20°C~50°C	-20°C~50°C	-20°C~50°C

# SPARKULAR® MOBILE



## FEATURES

- \ Truly wireless, with built-in battery and support for both 2.4GHz and 433MHz wireless remote
- \ Removable battery pack, quick replacement
- \ Extra long standby time, heating on status >3h, heating off status >144h
- \ Heating ON/OFF status switch with remote controller
- \ 30% lower core temperature, safer for use
- \ 2min fast initial heat up
- \ Compact and light-weighted
- \ Less noisy
- \ Durable aluminum top plate and metallic output tube
- \ 2-4m adjustable height, adjustable with remote controller and consumable types

## SPECIFICATIONS

- \ **Dimension:** 168x180x257mm
- \ **Net Weight:** 6kg
- \ **Voltage:** AC100-240V, 50/60Hz
- \ **Housing Material:** FR-ABS+Aluminium
- \ **Motor Status Monitoring:** Yes
- \ **Heating Up time:** Appr. 2min
- \ **Charging Time:** Max. 5h
- \ **Charging Power:** 100W
- \ **Standby Time:**
  - Standby with heating ON > 3h
  - Standby with heating OFF > 144h
- \ **Hopper Capacity:** 100g
- \ **Interface:** Neutrik 3-pin XLR, POWER IN/OUT, DC 5V
- \ **Control:** DMX, 2.4GHz and 433MHz wireless remote
- \ **Effect Height:**
  - HC8200 LARGE: 3-4m
  - HC8200 MEDIUM: 2-3m

# SPARKULAR® BLASTER



## FEATURES

- \ Brand-new handheld SPARKULAR® machine
- \ Battery powered
- \ Light-weighted and exquisite design
- \ 100s fast heating
- \ 90mins standby
- \ Low noise, only 60dB when working
- \ Safety arm button, dual safety
- \ Support external battery pack to extend standby time

## SPECIFICATIONS

- \ **Dimension:** 585x270x95mm
- \ **Net Weight:** 3.8kg
- \ **Charging Voltage:** AC 100-240V, 50/60Hz
- \ **Charging Power:** 180W
- \ **Charging Time:** Appr.40min
- \ **Housing Material:** Reinforced nylon
- \ **HC8200 Consumption Rate:** 17g/min
- \ **Initial Heat-up:** 100s
- \ **Firing Direction:** Between 60° to -15°
- \ **Hopper Capacity:** 200g
- \ **Standby Time:** 90min
- \ **Effect Output:** 3 levels from 2-4m with HC8200 MEDIUM

# SPARKULAR® CONSUMABLES:

## HC8200



### FEATURES

- \ No smoke, no pyro smell
- \ Granulated alloy, non-hazmat storage
- \ DGM tested, can be shipped by air/sea
- \ RoHS certified, environmental friendly
- \ Aluminum foil bag vacuum packaging, long shelf life

HC8200 type	Weight/bag	Package	Support model
HC8200 MEDIUM	50g/bag	12bags/box, 48boxes/carton	SPARKULAR mini, MOBILE
HC8200 LARGE			
HC8200 MEDIUM	200g/bag	12bags/box, 12boxes/carton	SPARKULAR, II, FALL, miniFALL, Cyclone, PRO, SPIN, JET, WAVER, waverFALL
HC8200 LARGE			
HC8200 LARGE I			SPARKULAR FALL, Cyclone, PRO, waverFALL
HC8200 LARGE II			SPARKULAR FALL, Cyclone, waverFALL
IHC8200 LARGE III			SPARKULAR Cyclone

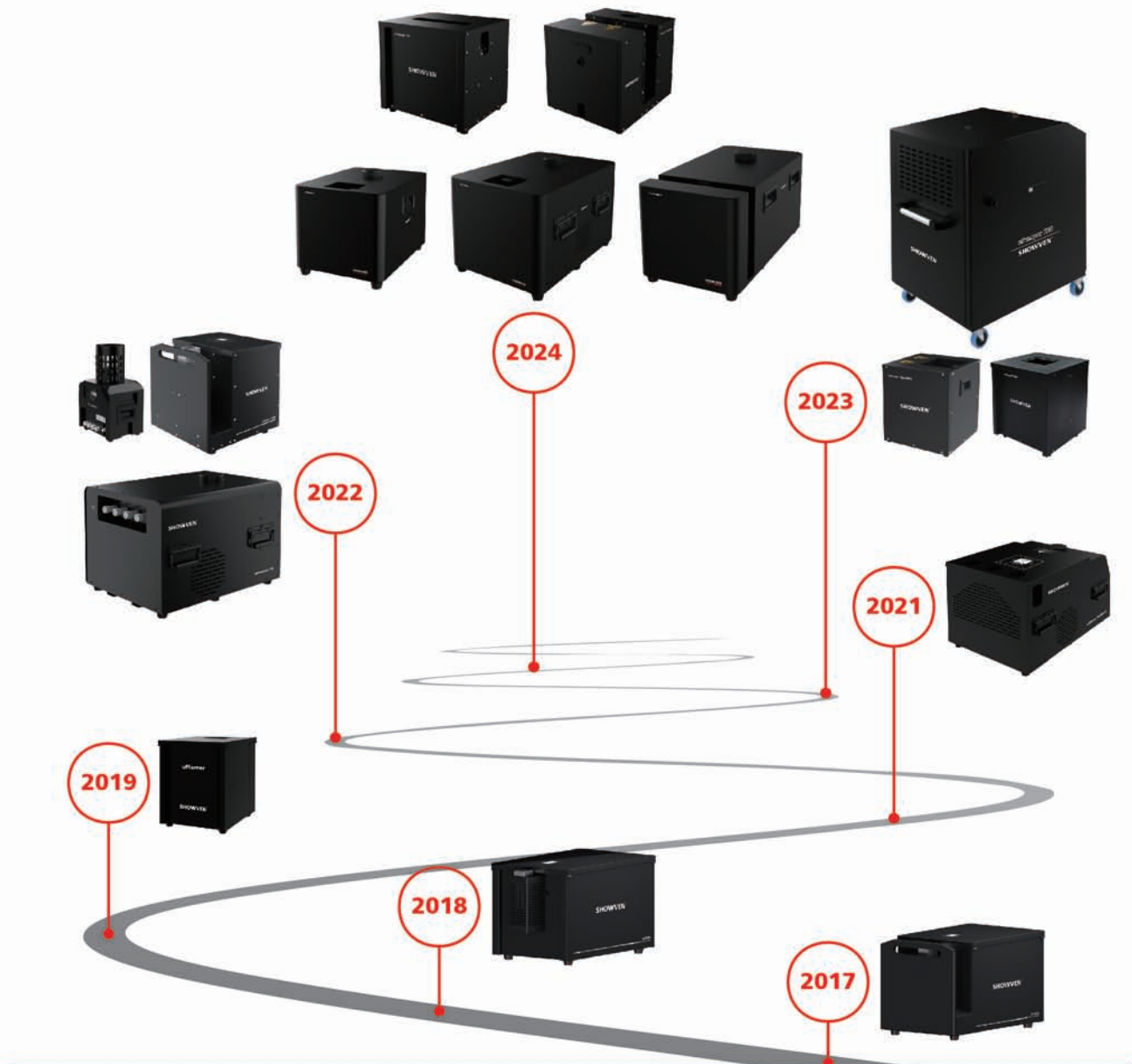
# FLAMER





# FLAMER

In special effects territory, nothing is more “hot” than flamer! SHOWVEN® set up a flamer R&D group since 2017. In 2018 we introduced the 360°rotatable flamer CIRCLE FLAMER X-F3600, which is an original innovation from SHOWVEN® and a never seen effects on market. In 2019 we launched the world’s first unit of standalone liquid flamer uFlamer®. In SHOWVEN®, innovation never stops. 2021 we launched five heads flamer uFlamer® Volcano; 2022 we proudly released our hydraulic based flame system; 2023 the world’s safest gas flamer uFlamer® Gasboom, 18m flame system uPumper P20H and uFlamer® X20. In 2024 we first introduce flame monitoring function into liquid flame system to ensure safer use. Meanwhile, we are also the first supplier of standalone flamer with effect up to 20m. We are becoming the total solution supplier for flame effects, our customers can get whatever flame effects they wanted from us. From standalone flamers to hydraulic based flame system (hydraulic based), gas flamer to liquid flame solutions, single firing direction to multi directions to 360°waving angles, effects height from 2m to 20m.



## LIQUID FLAMER FEATURES:

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### uFlamer®



- \ Fluid driven vertical flamer original designed by SHOWVEN®
  - \ Effect up to 8-10m, indoor nozzle optional
  - \ Built-in pump, plug and play system
  - \ Stainless steel housing, reliable and durable
  - \ Rainproof design, can be used in rain
  - \ Built-in 5L fuel tank, no external hose connection needed
  - \ Liquid level sensor
  - \ Safety lock switch, safer for service
  - \ Tilt protection, the tilt sensor will be activated when machine slant Over 45°
  - \ Dual igniters
  - \ Neutrik®powerCON TRUE1 connectors
  - \ Built-in battery design
- 

### uFlamer® Volcano



- \ 5-heads liquid flamer
  - \ Independent control of each head
  - \ Internal pump, plug and play system
  - \ Flames up to 10m
  - \ Reinforced stainless steel housing
  - \ 25L built-in stainless steel fuel tank
  - \ Compatible with automatic refueling station
  - \ Real-time fuel level display
  - \ Safety switch
  - \ Integrated valve block design
  - \ Premium and independent jet valve
  - \ Customized water-proof igniter
  - \ Rainproof design, can be used in rain
  - \ DMX control, with both 3-pin and 5-pin XLR port
  - \ Compatible with fireworks firing system
-

## SPECIFICATIONS:

LIQUID FLAMER		uFlamer®	uFlamer® Volcano	
DIMENSION (mm)		330x260x320	630x450x400	
NET WEIGHT (kg)		14	48	
VOLTAGE		100-240V, 50/60Hz	220V / 110V, 50/60Hz	
WORK POWER		300W	2000W	
HOUSING MATERIAL		Stainless steel	Stainless steel	
CONSUMABLE		ISOPAR, ISOPROPANOL	ISOPAR, ISOPROPANOL	
BUILT IN STAINLESS STEEL TANK		NO	YES	
FUEL TANK CAPACITY		5L	25L	
EFFECT HEIGHT	NOZZLE M	LONG FLAME	8-10m	8-10m
		SHORT FLAME	5-7m	5-7m
	NOZZLE L	LONG FLAME	6-8m	6-8m
		SHORT FLAME	3-5m	3-5m
MAX. FIRING DURATION		8s	8s (≤4 nozzles); 1.5s (5 nozzles)	
FOG FLUID CONSUMPTION	NOZZLE M	60ml/s	60ml/s per nozzle	
	NOZZLE L	30ml/s	30ml/s per nozzle	
EFFECT DIRECTION		Vertical Up	5 directions	
PRESET FIRING SEQUENCES		NO	97	
PUMP		Single	Single high power pump	
IGNITION		High voltage electron ignition	High voltage electron ignition	
IGNITOR		Dual	Penta	
SUPPORT BATTERY DRIVEN		YES	NO	
BUILT IN ACCUMULATOR		YES	YES	
LIQUID SENSOR		YES	YES	
AUTO REFUELING INPUT		NO	YES	
USAGE IN RAIN		YES	YES	
SAFETY SWITCH		YES	YES	
POWER CONNECTORS		Neutrik®powerCON TRUE1	Neutrik®powerCON TRUE1	
XLR CONNECTORS		IP65 rated 3-pin and 5-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT	
CONTROL		DMX, 9-60V signal	DMX, 9-60V signal	
DMX CHANNELS		2 / 6	2 / 6	

## CIRCLE FLAMER FEATURES:

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### COMMON FEATURES

- \ Waving head liquid driven flamer
  - \ Nozzle front design, safer for operator
  - \ Safety lock switch, safer for service
  - \ Stainless steel nozzle, reliable and durable
  - \ Double solenoid valves design for additional safety
  - \ Double pump ensure stable pressure
  - \ Fitted with igniter signal interface, compatible with 9-60V fireworks firing system
  - \ Neutrik®powerCON TRUE1 in/out, Neutrik®3-pin & 5-pin DMX in/out
  - \ Can be powered by external battery
  - \ RDMX function with SHOWVEN® original console
- 

### CIRCLE FLAMER X-F1800



- \ 210° swiveling angles
  - \ Up to 88 preset firing sequences
- 

### CIRCLE FLAMER X-F3600



- \ Original innovation introduced by SHOWVEN®
  - \ Never seen flame effects up to 3 rotation cycles
  - \ Full cycle and half cycle mode switchable
  - \ Up to 182 preset firing sequences
-

## SPECIFICATIONS:

LIQUID FLAMER		CIRCLE FLAMER X-F1800	CIRCLE FLAMER X-F3600	
DIMENSION (mm)		590x360x370	640x360x370	
NET WEIGHT (kg)		30	30	
VOLTAGE		220V/110V switchable, 50/60Hz	220V/110V switchable, 50/60Hz	
WORK POWER		380W	380W	
HOUSING MATERIAL		Stainless steel	Stainless steel	
CONSUMABLE		ISOPAR, ISOPROPANOL	ISOPAR, ISOPROPANOL	
FUEL TANK CAPACITY		10L	10L	
EFFECT HEIGHT	NOZZLE M	LONG FLAME	8-10m	8-10m
		SHORT FLAME	5-7m	5-7m
	NOZZLE L	LONG FLAME	6-8m	6-8m
		SHORT FLAME	3-5m	3-5m
MAX. FIRING DURATION		8s	8s	
FOG FLUID CONSUMPTION	NOZZLE M	60ml/s	60ml/s	
	NOZZLE L	30ml/s	30ml/s	
EFFECT DIRECTION		-105 ~ 105°	360° * 3	
CYCLE MODE		HALF MODE	HALF MODE / FULL MODE	
SOFTWARE ANGLE BLOCK		YES	YES	
HARDWARE ANGLE BLOCK		YES	YES	
PRESET FIRING SEQUENCES		88	182	
PUMP		Dual	Dual	
SOLENOID VALVE QTY		2	2	
IGNITION		High voltage electron ignition	High voltage electron ignition	
SUPPORT BATTERY DRIVEN		YES	YES	
BUILT IN ACCUMULATOR		YES	YES	
USAGE IN RAIN		YES	YES	
SAFETY SWITCH		YES	YES	
POWER CONNECTORS		Neutrik®powerCON TRUE1	Neutrik®powerCON TRUE1	
XLR CONNECTORS		Neutrik® 3-pin and 5-pin XLR IN/OUT	Neutrik® 3-pin and 5-pin XLR IN/OUT	
CONTROL		DMX, 9-60V signal	DMX, 9-60V signal	
DMX CHANNELS		6	6	
WORK TEMP.		-20°C~50°C	-20°C~50°C	

## NEW GENERATION LIQUID FLAME:

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### NEW FEATURES

- \ Aluminum housing structure, premium quality design
- \ Higher and bigger flame
- \ Powerful dual pump with up to 12m effects
- \ The first liquid flamer system with flame monitoring function
- \ Cascadable power cut-off E-stop connector
- \ ARM indicator light
- \ safety switch
- \ Dual valve, dual igniter
- \ Built-in fuel tank
- \ Durable metal tube structure
- \ Built-in 18650 battery design

### uFlamer® II



### CIRCLE FLAMER II



### uFlamer® Max



- \ The first standalone liquid flamer with flames up to 20m
  - \ Built-in pump and fuel tank, plug-and-play system
  - \ Triple high voltage igniters
  - \ Flame monitoring function
  - \ Multi-safety configurations: cascadable power cut-off E-stop connector, ARM indicator light, safety switch, etc.
  - \ Durable metal tube structure
-

## SPECIFICATIONS:

LIQUID FLAMER		uFlamer® II	CIRCLE FLAMER II	uFlamer® Max
DIMENSION (mm)		460×330×330	610×330×330	570×425×380
NET WEIGHT (kg)		25	32	50
VOLTAGE		AC 100-240V, 50-60Hz	AC 100-240V, 50-60Hz	AC 200-240V, 50/60Hz
WORK POWER		500W	550W	2.5KW
HOUSING MATERIAL		Die-casting aluminum	Die-casting aluminum	304 stainless steel
CONSUMABLE		ISOPAR-L, ISOPROPANEL	ISOPAR-L, ISOPROPANEL	ISOPAR-L, ISOPROPANEL
FUEL TANK CAPACITY		8L	9L	17L
NOZZLE	L	6-8m	6-8m	-
	M	8-10m	8-10m	-
	H	10-12m	10-12m	-
	XXH	-	-	20m
MAX. EFFECT HEIGHT		12m	12m	20m
FLAME DETECTION		YES	YES	YES
EFFECT DIRECTION		Vertical Up	210°(±105°)	Vertical Up
IGNITION		High voltage electron ignition	High voltage electron ignition	High voltage electron ignition, auxiliary ignition
IGNITOR		Dual	Dual	Triple
SUPPORT BATTERY DRIVEN		YES, 18650 battery	YES, 18650 battery	-
TILT SWITCH		YES	YES	YES
E-STOP		YES	YES	YES
ARM SAFETY INDICATOR		YES	YES	YES
USAGE IN RAIN		YES	YES	YES
SAFETY SWITCH		YES	YES	YES
DMX INTERFACE		IP65 rated 3-pin and 5-pin XLR IN/OUT		
CONTROL		DMX, 9-60V pyro signal		
TANK GAUGE		YES	YES	YES
PIPELINE FILTRATION		YES	YES	YES

## UNIQUE FEATURES

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### COMMON FEATURES

- \ The safest gas flamer ever on the market
- \ Super sensitive flame monitoring ensures that the fuel supply is switched off if the flame
- \ Does not ignite after as short as a 0.1s firing duration
- \ Cascadable power cut-off E-stop connector, all flamers can be controlled with a single E-stopper box
- \ Dual high voltage electron igniter ensure successful ignition
- \ Dual magnetic valves installed in series for double safety
- \ Individual shut-off valve for each canister
- \ Built-in battery design
- \ 2 / 4 (optional) built-in gas cartridges positions
- \ Different nozzles optional, 2-8m effects
- \ Stainless steel housing, reliable and durable
- \ Waterproof design, can be used in heavy rain
- \ Safety lock with switchable test mode, safer for service and testing
- \ Tilt protection, the tilt sensor will be activated when machine slant Over 45°

### uFlamer® Gasboom



- \ Patented "SFT" technology allows Gasboom with stronger burst and no flame tails after firing even in low temperature environment
- 

### uFlamer® X-Gasboom

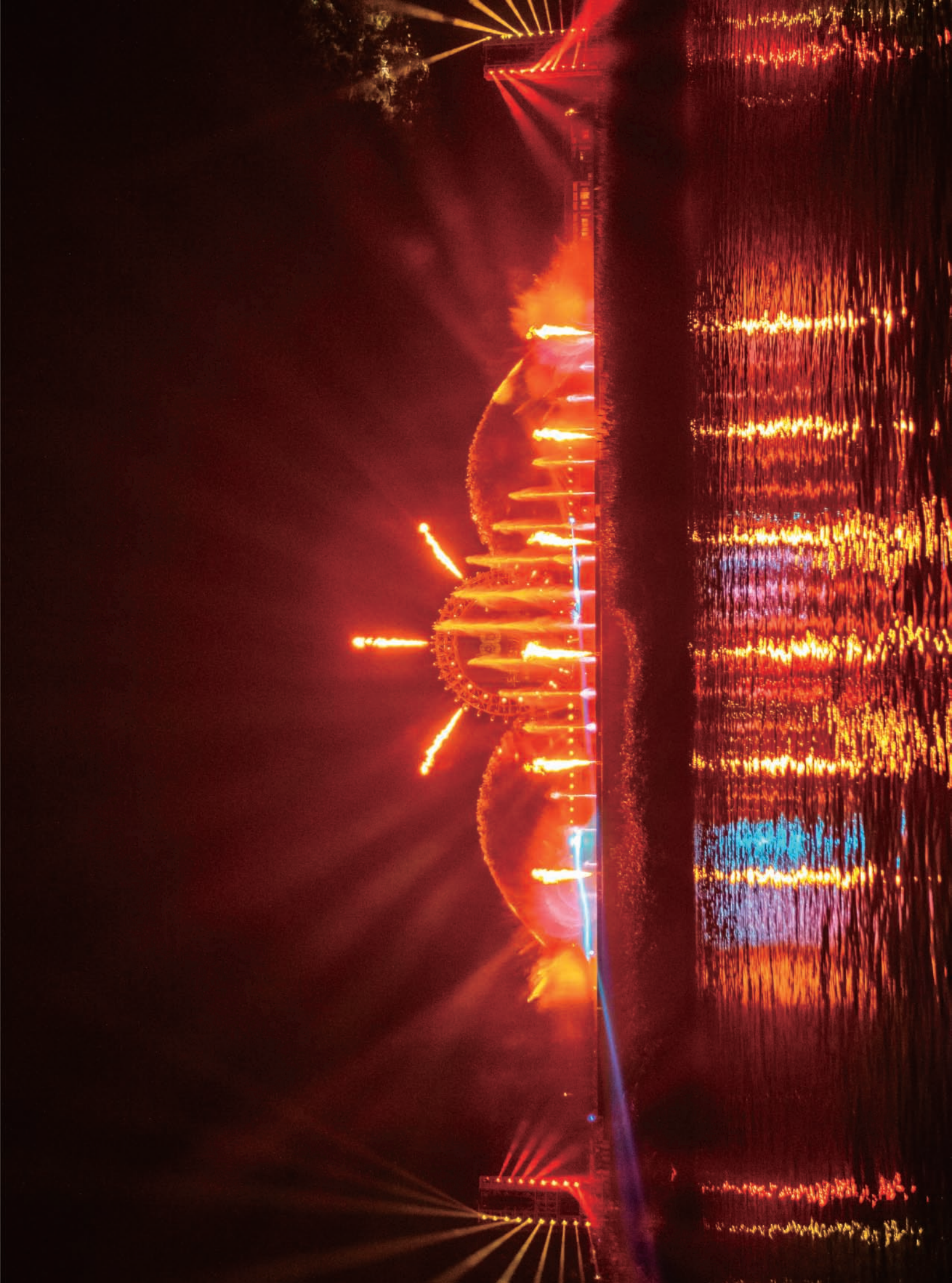


- \ The first gas flamer with 180°waving angles
  - \ Waving motor with angle block detection and memory function
-



## SPECIFICATIONS:

<b>GAS FLAMER</b>	<b>uFlamer® Gasboom</b>	<b>uFlamer® X-Gasboom</b>
DIMENSION (mm)	320 x 310 x 325	400x360x350
WEIGHT (kg)	13	20
INPUT AND POWER	AC 100-240V, 50/60Hz, 200W	
HOUSING MATERIAL	304 stainless steel	
EFFECT DIRECTION	Vertical	180° (±90°)
FLAME HEIGHT	2-8m (nozzle size, firing time etc)	
E-STOP INTERFACE	Yes, can be connected in series	
DUAL MAGNETIC VALVES	Yes, connect in series	
HIGH SENSITIVE FLAME MONITORING	Yes, sensitivity up to 0.1s	
INTERFACE	NEUTRIK POWERCON TRUE1 IN/OUT, IP65 rated 3-pin and 5-pin XLR IN/OUT	
CONTROL	DMX, 9-60V pyro signal	
IGNITION	High Voltage Electron Ignition*2	
BUILT-IN BATTERY DESIGN	Yes, 4*18650 battery	
WATERPROOF	Can be used in heavy rain	
FIRING DURATION	0.1-30s	
FILTRATION	Yes	
TILT SWITCH	YES	
FUEL	LPG propane or butane gas, gas cartridges bottle, aerosol cartridges	
CARTRIDGE HOLDER	Twin cartridge holder: 2 shut-off valves and 2 non-return valves Quadruple cartridge holder: 4 shut-off valves and 4 non-return valves (optional)	
MICRO FILTER	Yes, installed between shut-off and non-return valves	



# SHOWVEN® FLAME SYSTEM

SHOWVEN® FLAME SYSTEM is a hydraulic based flame effect solution for project or truss mounted installations. It consists of flame head, pump station, accessories such as hoses, cables etc. It can easily achieve remote fuel supply with the pump station and no nitrogen tank needed. Any installation direction of flame heads brings endless design inspiration to event planners. In order to meet the requirements of different application scenarios we designed three pump station (uPumper P20H, uPumper P20 and uPumper P4) and four flame heads model (uFlamer® X20, uFlamer® PF10, uFlamer® X1800, uFlamer X5).

## COMMON FEATURES

- \ Reinforced 304 stainless steel housing
- \ Remote fuel and pressure supply
- \ Built-in pump, no Nitrogen tank needed
- \ Electronic digital fuel level display
- \ Configured with pressure monitoring
- \ Intelligent solenoid valve block design ensure system pressure under control



\ uPumper P20(H)



\ uPumper P4



\ uFlamer® PF10



\ uFlamer® X20



\ uFlamer® X1800

## PUMP STATION FEATURES:

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### uPumper P4



- \ 32L fuel tank
  - \ Support 4 flame heads
  - \ Fueling and pressurize function switchable
- 

### uPumper P20



- \ 250L extra large fuel tank
  - \ P20 support 20 units flame heads PF10 / uFlamer X1800
- 

### uPumper P20H



- \ 250L extra large fuel tank
  - \ P20H support 2-3 units uFlamer X20
-

## SPECIFICATIONS:

PUMP STATION	uPumper P4	uPumper P20	uPumper P20H
DIMENSION (mm)	580x420x460	1100x736x1095	1100x736x1095
NET WEIGHT (kg)	48	285	285
VOLTAGE	220V / 110V, 50/60Hz	AC380V	AC380V
WORK POWER	1800W	6KW	10KW
HOUSING MATERIAL	Stainless steel	Stainless steel	Stainless steel
WORKING PRESSURE	0.8-1MPa	0.8-1.2MPa	4-5MPa
SUPPORT FUEL	ISOPAR, ISOPROPANOL	ISOPAR L	ISOPAR L
BUILT IN STAINLESS STEEL TANK	YES	YES	YES
FOG FLUID TANK CAPACITY	32L	250L	250L
PUMP OUTPUT	15L/min	110L/min	110L/min
APPLY TO	PF10, X1800	PF10, X1800	X20
SUPPORT FLAME HEAD	4	8-20 heads	2-3 heads
WORKING MODE	Pressurize / Fueling	Pressurize	Pressurize
DIGITAL FUEL LEVEL DISPLAY	YES	YES	YES
PRESSURE MONITOR	YES	YES	YES
E-STOP BUTTON	NO	YES	YES
E-STOP CONNECTOR	YES	NO	NO
ARM INDICATOR LIGHT	YES	NO	NO
FUEL OUTPUT QUICK COUPLER	4*ISO7241B G1/4 Female	ISO7241B G1/4 Female	ISO7241B G1/4 Female
FUEL INPUT QUICK COUPLER	ISO7241B G1/4 Male	NO	NO
POWER OUTPUT	4*Neutrik®powerCON TRUE1	NO	NO
POWER CONNECTORS	Neutrik®powerCON TRUE1	INDUSTRIAL POWER INPUT	INDUSTRIAL POWER INPUT
XLR CONNECTORS	IP65 rated 3-pin and 5-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT
CONTROL	MANUAL, DMX, Wireless	DMX, AUTO	DMX, AUTO
DMX CHANNELS	6	1	1
WORK TEMP.	-20°C~50°C	-20°C~50°C	-20°C~50°C

## FLAME HEAD:

### uFlamer® PF10



- \ Flames up to 10m
- \ Built-in accumulator
- \ IP67 rated waterproof
- \ Dual solenoid valve for extra safety
- \ Aluminum CNC machining structure
- \ Dual igniter ensure successful ignition
- \ Designed for fixed outdoor installations
- \ ISO7241B G1/4 male fuel in quick coupler
- \ DMX / direct ON-OFF control customizable
- \ 220V, 110V, 24V etc. voltage customizable
- \ Infrared remote control realizes non-contact setting
- \ Oxidation treated housing, durable for outdoor installation
- \ Highlight digital tube display convenient for remote debugging

### uFlamer® X20



- \ Triple igniter ensure successful ignition
- \ Flames up to 18m
- \ Reinforced 304 stainless steel housing
- \ DMX / 9-60V pyro control
- \ Safety lock switch
- \ ISO7241B G1/4 male fuel in quick coupler

### uFlamer® X1800



- \ 210° swivel angles
- \ Rainproof structure, can be used in rain
- \ Dual solenoid valve for extra safety
- \ Dual igniter ensure successful ignition
- \ 88 preset firing sequences, easy to operate
- \ Support 9-60V pyro signal
- \ Flames up to 10m
- \ Stainless steel housing
- \ Safety lock switch
- \ Built-in accumulator
- \ DMX control, both 3-pin and 5-pin XLR
- \ ISO7241B G1/4 male fuel in quick coupler

## SPECIFICATIONS:

FLAME HEAD		uFlamer® PF10	uFlamer® X20	uFlamer® X1800	
DIMENSION (mm)		250×200×410	330×330×320	370×380×380	
NET WEIGHT (kg)		15	18	19	
VOLTAGE		220V, 110V, 24V customizable	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	
WORK POWER		120W	100W	260W	
HOUSING MATERIAL		Aluminum (CNC)	Stainless steel	Stainless steel	
CONSUMABLE		ISOPAR, ISOPROPANOL	ISOPAR	ISOPAR, ISOPROPANOL	
WORK PRESSURE		8-12bar	40-60bar	8-12bar	
EFFECT HEIGHT	NOZZLE XH	Not Applicable	16-18m	Not Applicable	
	NOZZLE M	LONG FLAME	8-10m	Not Applicable	8-10m
		SHORT FLAME	5-7m	Not Applicable	5-7m
	NOZZLE L	LONG FLAME	6-8m	Not Applicable	6-8m
		SHORT FLAME	3-5m	Not Applicable	3-5m
MIN. FIRING DURATION		0.1s	0.2s	0.1s	
FOG FLUID CONSUMPTION	NOZZLE XH	Not Applicable	1L/s	Not Applicable	
	NOZZLE M	60ml/s	Not Applicable	60ml/s	
	NOZZLE L	30ml/s	Not Applicable	30ml/s	
EFFECT DIRECTION		Vertical Up	Vertical Up	-105 ~ 105°	
INSTALLATION ANGLE		Any direction	Vertical Up	Any direction	
PRESET FIRING SEQUENCES		NO	NO	88	
SOLENOID VALVE QTY		2	1	2	
IGNITION		High voltage electron ignition	High voltage electron ignition	High voltage electron ignition	
IGNITOR		Dual	Triple	Dual	
BUILT IN ACCUMULATOR		YES	NO	YES	
QUICK COUPLER		ISO7241B G1/4 Male	ISO7241B G1/4 Male	ISO7241B G1/4 Male	
USAGE IN RAIN		IP67	YES	YES	
SAFETY SWITCH		NO	YES	YES	
PRESSURE GAUGE		NO	YES	YES	
POWER CONNECTORS		Voltage control version: IP67 rated power control IN.	Neutrik®powerCON TRUE1	Neutrik®powerCON TRUE1	
XLR CONNECTORS		DMX version: IP67 rated XLR IN/OUT, IP67 rated POWER IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT	
CONTROL		DMX / Direct ON-OFF customizable	DMX, 9-60V signal	DMX, 9-60V signal	
DMX CHANNELS		2 / 6	2	6	
WORK TEMP.		-20°C~50°C	-20°C~50°C	-20°C~50°C	

## FLAME SYSTEM ACCESSORIES:

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### Hose



Main Hose 1 1/4 DN32



Branch Hose 3/8 DN10

- \ High pressure steel wire braided rubber hose.
  - \ Main hose is used to connect between uPumper P20 to fuel dispenser, uPumper P20H to accumulator module or connection between T-shape fuel dispensers.
  - \ Branch Hose with stainless steel quick coupler and Y shape filter, it is used to connect between fuel dispenser to flame head, accumulator module to uFlamer X20, uPumper P4 to flame head etc.
- 

### Accumulator module



- \ Accumulator module is designed to stabilize the system pressure of uPumper P20H and uFlamer® X20 flame system, ensure stable firing height of X20. And also it can storage pressure ensure longer firing durations.
- 

### Fuel Dispenser



T-shape dispenser T 1 1/4-1 1/4-1 1/4



Fuel dispenser 1 TO 6



T-shape dispenser T 1 1/4-3/8-1 1/4



Fuel dispenser 1 TO 12

- \ Fuel distribution between pump station and flame heads. We have different size T-shape dispenser, 1to6 fuel dispenser, 1to12 fuel dispenser etc.
-



**SMOKE**



# SMOKE

SMOKE and fog are most widely used effects on stage, and also the most diverse special effect category. In order to meet our customer's requirement, we improved the existing heating method to decrease blocking risks and elongate heating aluminum service life, simplify the internal complex pipeline connections as much as possible to make the service easier; Based on those practical innovations designs, we developed a wide range of smoke series atmospheric machines from SONICBOOM® series CO<sub>2</sub> jet simulator, CREEPER series low fog generator, pro fog machine to haze generators. Besides wide product range, for each effect category we developed a variety of models of machine to meet the needs of different application scenarios. This year, we introduced the SONICBOOM® JET based on our patented supercharging technology, which has become the CO<sub>2</sub> jet simulator with closest effect to CO<sub>2</sub> jet available on market.



SONICBOOM®



LOW FOG



PRO FOG



HAZE

## CO<sub>2</sub> JET SIMULATOR:

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### SONICBOOM® X / SONICBOOM® PLUS



- \ Instant smoke generation, as short as 0.2s
  - \ Fluid driven, no need of CO<sub>2</sub> tank, safer and easy carry
  - \ No generation of CO<sub>2</sub>, environmental friendly
  - \ Super long stable effects time after fill up
  - \ Fast smoke dissipate with original fluid
  - \ Cost effective consumables
  - \ Excellent heating module design, fast temp. recovery
  - \ Low power mode, lower power supply requirement
  - \ Unique constant pressure system, consistent smoke effect
  - \ Pipeline integration technology, reliable, easy maintenance and stronger output
  - \ Independent smoke column color change
  - \ Easy installation at any angles even place upside down
  - \ Dual smoke generation system, dual output for maximum effects (PLUS version)
- 

### SONICBOOM® JET



- \ Real CO<sub>2</sub> jet simulator, with closest effect to CO<sub>2</sub> jet available on market
  - \ Patented supercharging technology, stronger burst
  - \ Dense smoke column up to 15m
  - \ Powerful dual smoke generation system, dual output
  - \ Whole metal piping system, reliable and longer service life
  - \ 6L built-in stainless steel fluid tank with mechanical fluid level indicator
  - \ Unique constant pressure system, consistent smoke effect;
  - \ 30pcs 9W LED, independent smoke column color change.
  - \ No generation of CO<sub>2</sub>, environmental friendly
  - \ Unlimited installation angles even up-side-down
  - \ Cost effective consumables
-

## SPECIFICATIONS:

CO <sub>2</sub> JET SIMULATOR	SONICBOOM® X	SONICBOOM® PLUS	SONICBOOM® JET
DIMENSION (mm)	482×408×215	500×324×325	546×331×372
NET WEIGHT (kg)	17.2	28	37
VOLTAGE	220V / 110V, 50/60Hz	220V / 110V, 50/60Hz	220V / 110V, 50/60Hz
WORK POWER	220V: 3000W / 1500W 110V: 2000W	220V: 3000W / 1800W 110V: 2400W / 1800W	220V: 3000W / 1800W 110V: 2400W / 1800W
HOUSING MATERIAL	Carbon steel	Stainless iron	Stainless steel
HEAT UP TIME	220V: 9min 110V: 11min	220V: 9min 110V: 11min	220V: 13min
CONSUMABLE	FX-S fog fluid	FX-S fog fluid	FX-S / FX-M fog fluid
BUILT IN STAINLESS STEEL TANK	NO	NO	YES
FOG FLUID TANK CAPACITY	2.5L	5L	6L
EFFECT HEIGHT	10m	10m	15m
MAX. FOG OUTPUT	55000cuft/min	80000cuft/min	150000cuft/min
MAX. OUTPUT DURATION	8s	10s	6s
FOG FLUID CONSUMPTION	5min/L	3min/L	1.1min/L
MACHINE INSTALLATION ANGLE	Any direction	Any direction	Any direction
LED	5W * 35pcs	9W * 38pcs	9W * 30pcs
HEATING ALUMINUM WEIGHT	5.6kg	8.6kg	10kg
SOLENOID VALVE QTY	3	4	4
INTERGRATED VALVE BLOCK	YES	YES	YES
BUILT IN ACCUMULATOR	YES	YES	YES
HIGH PRESSURE PUMP	NO	NO	YES
SMOKE INSTANT STOP	YES	YES	YES
POWER CONNECTORS	Neutrik®powerCON	Neutrik®powerCON	Neutrik®powerCON TRUE1
XLR CONNECTORS	NEUTRIK 3-pin and 5-pin XLR IN/OUT	NEUTRIK 3-pin and 5-pin XLR IN/OUT	NEUTRIK 3-pin and 5-pin XLR IN/OUT
CONTROL	MANUAL, DMX	MANUAL, DMX	MANUAL, DMX
DMX CHANNELS	1 / 11	1 / 11 / 14	1 / 11 / 14

# Creeper AQ series Low Fog Generator

## FEATURES

- \ Ultrasound based low fog generator
- \ Consumables only water and fog fluid, no need of dry ice
- \ Molded enclosure, lighter, durable as well as rustless
- \ Latest rapid heating technology, 1-2min heating up time
- \ Low-water sensor
- \ Adjustable fog density and fan speed, versatile application to meet different requirements
- \ Patented fog leakage prevention technology, no fog leakage even refill the machine when it is working
- \ DMX, manual or wireless remote control

## Creeper AQ mini



- \ Compact, easy to carry
- \ 2L fluid tank, 6.5L water tank, support external water tank

## Creeper AQ / Creeper AQ PLUS



- \ 30 / 40 (PLUS) heads atomizers, thicker fog output
- \ Advanced auto water refill system
- \ Abrasion-resistant silent caster
- \ Weather proof structure design
- \ Adjustable moisture

## SPECIFICATIONS:

LOW FOG GENERATOR	CREEPER AQ mini	CREEPER AQ	CREEPER AQ PLUS
DIMENSION (mm)	460×300×324	805×390×480	950×500×540
NET WEIGHT (kg)	15	35	48
VOLTAGE	220V / 110V, 50/60Hz	220V / 110V, 50/60Hz	220V / 110V, 50/60Hz
WORK POWER	2000W	2000W	2500W
HOUSING MATERIAL	PE	PE	PE
HEAT UP TIME	1-2min	1-2min	1-2min
CONSUMABLE	FX-M fog fluid, Water	FX-M fog fluid, Water	FX-M fog fluid, Water
OUTPUT NOZZLE	1	1	2
ATOMIZER HEADS	20	30	40
FOG FLUID TANK CAPACITY	2L	3.3L	3.3L
WATER TANK CAPACITY	6.5L	24L	35L
SUPPORT EXTERIOR WATER TANK	YES	NO	NO
AUTO WATER REFILLING	NO	YES	YES
MAX. FOG FLUID CONSUMPTION	32ml/min	32ml/min	32ml/min
MAX.WATER CONSUMPTION	250ml/min	375ml/min	500ml/min
MAX. FOG OUTPUT	10000cuft/min	15000cuft/min	20000cuft/min
FOG OUTPUT ADJUSTMENT	1-100%	1-100%	1-100%
FAN SPEED ADJUSTMENT	1-100%	1-100%	1-100%
EXTERIOR WATER TANK SENSOR	NO	YES	YES
INTERIOR WATER TANK SENSOR	YES	YES	YES
CONTINUOUS OUTPUT	YES	YES	YES
MAX. COVERAGE	200 m <sup>2</sup>	300 m <sup>2</sup>	400 m <sup>2</sup>
POWER CONNECTORS	Neutrik®powerCON	Neutrik®powerCON TRUE1	Neutrik®powerCON TRUE1
XLR CONNECTORS	NEUTRIK 3-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT
WATERPROOF	NO	can be used in rain	can be used in rain
CONTROL	MANUAL, DMX, Wireless	MANUAL, DMX, Wireless	MANUAL, DMX, Wireless
DMX CHANNELS	2	2 / 3	2 / 3

# Creeper ICE series dry ice machine



## FEATURES

- \ Massive fog output, large coverage area with excellent ground adherence
- \ CREEPER ICE can cover about 500m<sup>2</sup>, the first minute can cover about 250m<sup>2</sup>  
CREEPER ICE PLUS can cover about 800m<sup>2</sup>, the first minute can cover about 400m<sup>2</sup>
- \ Robust molded enclosure, exquisite design
- \ Abrasion-resistant silent caster, built for complex road conditions  
CREEPER ICE equipped with 75mm casters  
CREEPER ICE PLUS equipped with 100\*36mm penn elcom casters
- \ Water spray structure design, instead of immerse dry ice into water  
Achieve continuous variable fog output control  
No mechanical lifting structure inside, better stability  
Fast ON/OFF, timely response to the stage effect requirement
- \ Water tank and dry ice basket separate design, longer dry ice storage in machine
- \ Hidden water tank, safer for operator
- \ Huge water and dry ice reservoir  
CREEPER ICE: 55L water reservoir, 15kg dry ice basket  
CREEPER ICE PLUS: 75L water reservoir, 30kg dry ice basket (Largest available on market)
- \ One feeding can support multi time use
- \ Dual/Triple heating system, meet different power supply conditions  
CREEPER ICE: 3000W and 6000W switchable, work power adjustable from 50% to 100%  
CREEPER ICE PLUS: 3000W and 9000W switchable, need to change power cable
- \ Reserved drainage valve for easier residual water drainage
- \ Weather proof design
- \ Standard DMX control, both 3-PIN and 5-PIN



## SPECIFICATIONS:

LOW FOG GENERATOR	CREEPER ICE	CREEPER ICE PLUS
DIMENSION (mm)	492x584x760	642x584x887
NET WEIGHT (kg)	35	45
VOLTAGE	220V / 110V, 50/60Hz	220V / 110V, 50/60Hz
WORK POWER	220V: 3000W / 6000W 110V: 1600W / 3200W	220V: 3000W / 9000W 110V: 1600W / 4800W
HOUSING MATERIAL	PE	PE
HEAT UP TIME	30min (6000W) 50min (3200W)	40min (9000W) 70min (4800W)
CONSUMABLE	Dry ice, Water	Dry ice, Water
OUTPUT NOZZLE	1	2
DRY ICE CAPACITY	15kg	30kg
WATER TANK CAPACITY	55L	75L
WATER LEVEL INDICATOR	YES	YES
OUTPUT ADJUSTMENT	50-100%	50-100%
MAX. COVERAGE	500 m <sup>2</sup>	800 m <sup>2</sup>
CUMULATIVE OUTPUT TIME	5-10min	5-10min
POWER CONNECTORS	Neutrik®powerCON TRUE1	5-PIN industrial socket
XLR CONNECTORS	IP65 rated 3-pin and 5-pin XLR IN/OUT	IP65 rated 3-pin and 5-pin XLR IN/OUT
WATERPROOF	Can be used in rain	Can be used in rain
CONTROL	Manual, DMX, Wireless	Manual, DMX, Wireless
DMX CHANNELS	1	1

## PRO FOG MACHINE FEATURES:

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### X-S3000



- \ Rotary output control button, convenient smoke amount adjustment
  - \ Super long effect time, max output up to 40s, continuously in low output mode
  - \ Optimized atomizer with high precision circuit, ensure more uniform smoke effect
  - \ Improved heating structure, less clogging and longer service life
  - \ Neutrik®powerCON, 3-pin and 5-pin DMX connectors
  - \ Build-in LCD screen, user friendly
- 

### P-S1500



- \ Smart yet robust fog output
  - \ Stable performance, reliable and durable
  - \ Optimized atomizer with high precision circuit, ensure more uniform smoke effect
  - \ Improved heating structure, less clogging and longer service life
  - \ Wireless control adopts redundancy technology, better anti-interference ability
  - \ Flexible group shooting with original remote control
  - \ Neutrik®powerCON and DMX connectors
  - \ Build-in LCD screen, user friendly
-

## SPECIFICATIONS:

PRO FOG MACHINE	X-S3000	P-S1500
DIMENSION (mm)	660x404x290	500x315x260
NET WEIGHT (kg)	16.6	13
VOLTAGE	220V / 110V, 50/60Hz	220V / 110V, 50/60Hz
WORK POWER	220V: 3000W 110V: 2000W	1500W
HOUSING MATERIAL	CARBON STEEL	CARBON STEEL
HEAT UP TIME	7min	7min
CONSUMABLE	FX-M fog fluid	FX-M fog fluid
FOG FLUID TANK CAPACITY	9L	3L
MAX. OUTPUT DISTANCE	10m	7m
MAX. FOG OUTPUT	40000cuft/min	30000cuft/min
OUTPUT DURATION	40s @100% output, continuous @low output	40s @100% output, continuous @low output
FOG OUTPUT ADJUSTMENT	1-100%	1-100%
MAX. FOG FLUID CONSUMPTION	4min/L	4min/L
POWER CONNECTORS	Neutrik®powerCON	Neutrik®powerCON
XLR CONNECTORS	NEUTRIK 3-pin and 5-pin XLR IN/OUT	NEUTRIK 3-pin XLR IN/OUT
CONTROL	MANUAL, DMX, Wireless	MANUAL, DMX, Wireless
DMX CHANNELS	1	1

## HAZE GENERATOR:

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### P-H3 Hazer



- \ Enlarged heating block, stable haze output
  - \ Odorless haze output with original fluid
  - \ Anti-fluid drip design
  - \ DC fan design, durable and stable output
  - \ New generation quiet technology, larger air volume lower noisy
  - \ Uniform haze effect even in low fog output
  - \ 5.5h continuous working after fill up
  - \ Support DMX and remote control
- 

### X-H2 Hazer



- \ Massive haze output with wide coverage
  - \ Flight case design with casters, convenient for touring
  - \ Dual pump system, can fueling machine in working status
  - \ Low fluid protection with pressure monitoring
  - \ Whole machine module design, easier maintenance
  - \ Haze output angle adjustable with baffle plate
  - \ Integrated molding blower shell, quieter output
-

## SPECIFICATIONS:

PRO FOG MACHINE	X-H2	P-H3
DIMENSION (mm)	845×510×850	360×300×230
NET WEIGHT (kg)	75	11
VOLTAGE	220V / 110V, 50/60Hz	220V / 110V, 50/60Hz
WORK POWER	220V: 3000W	1500W
HOUSING MATERIAL	Flightcase	CARBON STEEL
HEAT UP TIME	10min	4min
CONSUMABLE	FX-HF fog fluid	FX-HF fog fluid
FOG FLUID TANK CAPACITY	4L * 2	5L
MAX. FOG OUTPUT	50000cuft/min	6000cuft/min
CONTINUOU HAZE OUTPUT	YES (OUTPUT<80%)	YES
HAZE OUTPUT ADJUSTMENT	1-100%	1-100%
FAN SPEED ADJUSTMENT	1-100%	1-100%
MAX. FOG FLUID CONSUMPTION	350ml/min	15ml/min
OUTPUT ANGLE ADJUSTMENT	0-90°	Adjust the angle by hanging
POWER CONNECTORS	Neutrik®powerCON	Power IN
XLR CONNECTORS	NEUTRIK 3-pin and 5-pin XLR IN/OUT	3-pin XLR IN/OUT
CONTROL	MANUAL, DMX, Wireless	MANUAL, DMX, Wireless
DMX CHANNELS	2	2

# CO<sub>2</sub> JET X-C1



## FEATURES

- \ Compact size
- \ 0~180° multi-output angles adjustable
- \ Quality durable solenoid valve
- \ DNP G3/8" quick coupler
- \ Support both DMX and direct on-off control
- \ Powerful output up to 8-10m
- \ Stainless steel housing
- \ Neutrik® PowerCON TRUE1 power connector

## SPECIFICATIONS

- \ Dimension: 285×192×185 mm
- \ Net Weight: 7kg
- \ Voltage: 110V / 220V, 50/60Hz
- \ Power: 50W
- \ Max Output Height: 8-10m
- \ Control: DMX, Direct on-off voltage control
- \ DMX Channels: 1 channel
- \ Quick Coupler: DNP G3/8" quick coupler

# CONSUMABLES:

## FOG FLUID

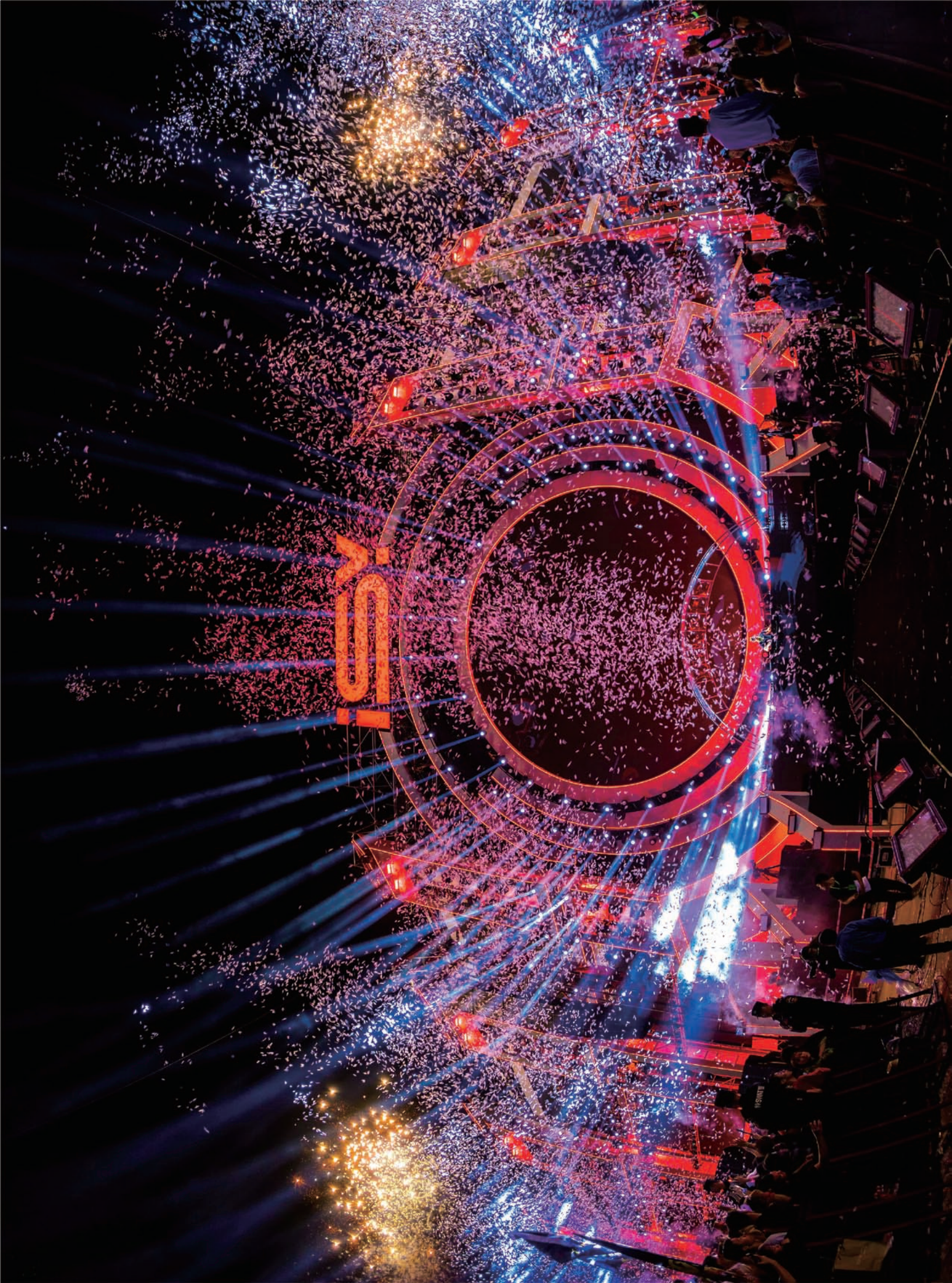


- \ Ready to use
- \ Environmental friendly
- \ In compliance with RoHS
- \ High quality, compatible with SHOWVEN series machines

Product Name	FX-S	FX-M	FX-HF
Description	PRO QUICK DISSIPATING FOG FLUID	PRO MEDIUM FOG FLUID	PRO HAZE FLUID
Package	3Lx4/carton, 25L/carton		
Support Model	SONICBOOM series	Pro fog machine, SONICBOOM JET	Hazer

# CONFETTI





# uFetti Blower CB22



## FEATURES

- \ Up to 18m confetti output
- \ Farther and wider confetti spread with customized high-power blower and optimized Venturi tube design
- \ Dual independently controllable hopper, automatic confetti dosing
- \ Adjustable output density and output angles
- \ Real-time motor running status monitoring
- \ Rugged design with premium accessories, strong and durable, suitable for touring
- \ Multi air inlet structure, machine keeps working even the air inlets on panel are blocked
- \ Both DMX and Manual controllable

## SPECIFICATIONS

- \ **Dimension:** 880×660×1295mm
- \ **Net Weight:** 112kg
- \ **Voltage:** AC200-240V / AC100-120V, 50/60Hz
- \ **Work Power:** 2200W
- \ **Confetti Hopper:** 2, separate control of each hopper
- \ **Hopper Capacity:** 2kg paper confetti / hopper \*2; 4kg metallic confetti / hopper \*2
- \ **Consumption Rate:** Paper confetti: 0.9kg/min; Metallic confetti: 1.8kg/min
- \ **Interface:** 3-pin and 5-pin XLR
- \ **Control:** Manual, DMX, Wireless DMX (via 5-PIN DMX IN)
- \ **Output:** Up to 18m
- \ **Output Angles:** 40°-90° (6 adjustable angles)
- \ **Blower Speed Adjustable:** Yes (High/Low)
- \ **Output Density Adjustable:** Yes
- \ **LED Warning Light:** Yes
- \ **Caster:** 4 casters with brake

# uFetti Blower CB16



uFetti Blower CB16 is a DMX controllable compact confetti launcher, equipped with a high-speed blower and a 9L automatic confetti dosing hopper. The operator can adjust the confetti output density by DMX even under running status. It can be used extensively for indoor, outdoor, and various specific applications.

## FEATURES

- \ DMX controllable
- \ 9L automatic confetti dosing hopper
- \ Up to 10m output distance
- \ Adjustable confetti output density
- \ 4.5-13min continuous output
- \ Adjustable confetti output angles
- \ Color touch screen

## SPECIFICATIONS

- \ **Dimension:** 530×300×382mm
- \ **Weight:** 17kg
- \ **Power:** 1600W
- \ **Voltage:** 110V / 220V,50-60Hz
- \ **Continuous Output with Full Loading:** 4.5-13min
- \ **LED Warning lights:** Yes
- \ **Control:** DMX
- \ **DMX control:** DMX signal
- \ **Interface:** 3 pin&5 pin DMX connectors
- \ **Output angle:** Adjustable
- \ **Streamers output density:** Adjustable
- \ **Max.Output:** 10m
- \ **Tank volume:** 9L(Max.3kg confetti)

# uFetti Shooter:

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## Common Features

- \ PED certified tank
  - \ True wireless system
  - \ Built-in air compressor with external air coupling connector available
  - \ 18650 battery-powered system
  - \ Durable stainless steel tank, launch pipe, and connectors
  - \ Multi-safety configurations: cascadable power cut-off E-stop connector, ARM indicator light, safety switch, etc.
  - \ Touch screen
  - \ 3-PIN, 5-PIN DMX and 9-60V pyro signal port
  - \ Adjustable pressure up to 8bar
  - \ Digital and mechanical pressure display
- 

## UNIQUE FEATURES

### uFetti Shooter CA12

- \ Up to 43m full load output (20m streamers)
- \ 5L large capacity stainless steel launch pipe with self-locking coupler



### uFetti Shooter CA36

- \ Up to 45m full load output (20m streamers)
- \ 10L large capacity stainless steel launch pipe with self-locking coupler



## SPECIFICATIONS:

<b>uFetti Shooter</b>	<b>uFetti Shooter CA12</b>	<b>uFetti Shooter CA36</b>
DIMENSION (mm)	600×560×880	730×645×880
NET WEIGHT (kg)	75	90
VOLTAGE	AC100-240V, 50-60Hz	AC100-240V, 50-60Hz
POWER	180W	220W
LED WARNING LIGHTS	Yes, ARM	Yes, ARM
CONTROL	DMX, 9-60V pyro signal	DMX, 9-60V pyro signal
INTERFACE	IP65 rated 3-pin&5-pin XLR IN/OUT	
E-STOP	Yes	Yes
OUTPUT ANGLES	-27°- 41°(12 options adjustable)	-27°- 41° (12 options adjustable)
BUILT-IN-BATTERY	Yes	Optional
TANK CAPACITY	12L	36L
MAX. PRESSURE	8bar	8bar
MAX.EFFECT DISTANCE	streamers(43m); Confetti(22m)	streamers(45m); Confetti(22m)
LAUNCH PIPE CAPACITY	5L	10L

## CONFETTI AND STREAMERS:



### FEATURES

- \ Factory direct supply
- \ Premium quality
- \ Multi colors and shapes
- \ Flameproof and colorfast
- \ Biodegradable tissue paper
- \ Accept customization
- \ Standardized production workshop

### CONFETTI SPECIFICATIONS

- \ CONFETTI SHAPE:  
Rectangle, Round, Square, Heart, Butterfly etc.
- \ STREAMER SIZE:  
1cm\*5m (100pcs/bag), 1.5cm\*10m (32pcs/bag), 2.5cm\*10m (20pcs/bag),  
5cm\*10m (10pcs/bag), 2.5cm\*20m (20pcs/bag), 5cm\*20m (10pcs/bag).
- \ MATERIAL:  
Tissue paper, Metallic PVC
- \ COLORS:  
TISSUE PAPER: Multicolor, White, Pink, Blue, Light blue, Orange, Green, Light green, Yellow,  
Red etc.  
Metallic PVC: Multicolor, Gold, Red, Blue, Purple, Green, Silver etc.

# LASERS

# LASERS

SHOWVEN® series full-color RGB lasers are launched based on our more than four years of in-depth laser market research. We aimed to bring quality, premium design, and cost-effective laser systems to the global market. Our Maiman series full-color RGB lasers with double-layer structure design, IP65 rated enclosure. Pure diode light source guarantee higher reliability and smaller beam divergence angle. The device features safety configurations like a safe switch key, remote E-stop function, etc. To extend the service life of our laser, we feature PWM fan control, noise reduction design, control, noise reduction design, and over-temperature protection function.

## FEATURES

- \ Compressed light source, spot and fiber optics ensure a stronger beam, sharper spot, and smaller divergence angle
- \ Analog modulation, high linearity, and rich beam color
- \ TEC temperature control and split refrigeration ensure the best working conditions for LD
- \ Over-temperature protection ensures good performance of optical module components
- \ External dimming bracket, dimming will not damage the module cavity environment
- \ External TEC refrigeration module, no thermal conductive silicone grease inside the module to prevent oil and water evaporation from affecting the lens and heat from returning to the light source layer
- \ PWM fan control, silent design
- \ Realtime internal temperature monitoring and display, over-temperature protection
- \ Remote emergency stop function



\ Maiman60



\ Maiman30



\ Maiman40



## SPECIFICATIONS:

Model	Maiman30	Maiman40	Maiman60
Power Supply	AC 100-240V 50/60Hz		
Output (max)	30W	40W	60W
R module	8W/638nm	10W/638nm	15W/638nm
	LD Mitsubishi		
G module	10W/520nm	14W/520nm	20W/520nm
	LD Nichia		
B module	12W/450nm	16W/450nm	25W/450nm
	LD Nichia		
Scanning System	AT30H/840( $\pm 30^\circ$ 30K)	AT30H/1040( $\pm 20^\circ$ 25K)	AT30H/1040( $\pm 20^\circ$ 25K)
Beam Size	6x8mm	7x8mm	7x12mm
Beam Divergence	<1.5mrad(full angle)	<1.5mrad(full angle)	<3mrad(full angle)
Analogue modulation	100k Analog/TTL		
IP level	IP65		
Work Temp.	-20-40°C		
Weight (kg)	27	29	50
Dimension (mm)	495x471x226	495x471x226	630x495x253
System Control	Ethernet, DMX, ILDA, Auto		

# **CONSOLE & PYRO**



## CONSOLE & PYRO

Special effects are essentials for festivals or events. It makes the atmospheric of events go crazy. Some effects such as flamer, CO<sub>2</sub> jet etc. which with flames or high pressure may cause serious accident if not handled properly. Even those effects are widely used but unfortunately, there is no professional and reliable console specially designed for SFX devices.

When we first launch SPARKULAR®, in order to make it easier and safer operation, we developed compatible console that is HOST CONTROLLER ZK6200/6300, it is a preprogrammed controller which can firing SHOWVEN® lot of different devices. As those years' experiences in SFX industry, we are more and more aware the importance of the safer and easier control of different SFX devices at the same time with one console, other than use a complicated lighting console, we developed FXcommander, it allows to control all DMX device such as SPARKULAR®, FLAMER, FOG, HAZE, CONFETTI etc. in a safe and professional way. And for more convenient control and handling of special effects, we introduced the most compact special effect console FXbutton for small shows.

Further, as pyro and special effects devices are usually used together in outdoor events, the synchronization between fireworks with special effects becomes a trend. Together with our PyroSlave, FXcommander makes this possible by programming and firing DMX and Pyro together with a single console. Large scale shows with special effects and fireworks can be sync with music precisely through our professional windows software FXcommander\_Editor. The FXcommander is setting the safety standard for the special effects control.

# FXcommander®:

## FEATURES



- \ A dedicated console for SFX device and fireworks set off
- \ Customized for SFX operator to control FX device professionally and safely
- \ Pyro arm switch, DMX arm switch, Deadman button ensure zero false trigger
- \ PANIC - Emergency stop at any time
- \ Safety channel specially designed for SFX device
- \ Dual antenna, ensure fast, stable and reliable PYRO signal transmission
- \ RDMX communication with SHOWVEN® device, device status real time monitoring
- \ 8 keyboard shortcut key, can set to tap or lock mode, ensure quick and reliable trigger, extendable with SHOWVEN® keypad
- \ 10.1" capacitance touch screen
- \ Presetting device and effect lib for fast programming
- \ 5 preset effect rules for easier programming
- \ Easy and fast improvisation programming
- \ Convenient manual pyro firing edit
- \ Demonstration function for programmed show
- \ Scene switch, max. support 4 scenes, each scene support 128 cues
- \ USB port support software update, show file update and backup, device lib update etc.
- \ Variety interfaces: 3-pin and 5-pin DMX, MIDI input, LTC input, Audio Output, USB
- \ Wireless: 2.4GHz wireless DMX signal, dual band wireless pyro signal
- \ Battery driven with built in battery
- \ Windows FXcommander\_Editor Software can generate project list table, minimize operator's workload.
- \ Dual-core processor, smooth operation
- \ MIDI, LTC receiver, support SMPTE time code
- \ Windows FXcommander\_Editor Software ensure precise programming
- \ Built-in audio signal output, achieve accurate synchronization between music and effects
- \ Multi language: English, Español, Français, Japanese, Nederlands, Português etc.
- \ Unlimited self-editable colors
- \ User defined CUE icon

## FXcommander:

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### SPECIFICATIONS

- \ **Dimension:** 314×270×65mm
  - \ **Weight:** 4kg
  - \ **Input:** 100-240VAC, 50/60 Hz
  - \ **Work Power:** 20W
  - \ **Casing material:** Aluminium
  - \ **Battery Powered:** Yes
  - \ **Wireless Function:** 2.4G wireless DMX, Dual band wireless PYRO
  - \ **Interface:**
    - 1\*USB,
    - 1\*USB Download,
    - 1\*LAN,
    - 1\*Audio Output,
    - 1\*MIDI IN,
    - 1\*LTC IN,
    - 1\*3-PIN DMX OUT,
    - 1\*5-PIN DMX OUT,
    - 1\*External Trigger
- 

## FXcommander\_Editor:

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## FXbutton:

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### FEATURES

- \ Compact size, powerful functions
- \ Support multiple DMX device and effects setting
- \ Timer function to tracking the consumable remains
- \ JOG or timing trigger, and can also work with cycle mode.
- \ Built-in battery design
- \ Aluminum housing
- \ Durable suitcase package
- \ Easy to use

### SPECIFICATIONS

- \ **Dimension:** 165×165×90mm
  - \ **Weight:** 1.5kg
  - \ **Input:** 100-240VAC, 50/60Hz
  - \ **Work Power:** 10W
  - \ **Casing material:** Aluminum
  - \ **Battery Powered:** Yes, two 18650 cells, 16h standby
  - \ **Interface:** USB Download, 3-PIN DMX OUT, 5-PIN DMX OUT
  - \ **Support Device:** SPARKULAR®, uFlamer®, CIRCLE FLAMER, SONICBOOM®, Self-define
  - \ **Package:** Suitcase
- 

## HOST CONTROLLER:

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### FEATURES

- \ Extremely simple design, easy operation
- \ Exclusive RDMX function, remote monitoring of machine status
- \ Built-in special effects mode
- \ Built-in battery, 5-8h battery life
- \ Support SPARKULAR®, CIRCLE FLAMER and SONICBOOM®

### SPECIFICATIONS

- \ **Model:** ZK6200/ZK6300
  - \ **Dimension:** 390×300×110mm
  - \ **Weight:** 3.5kg
  - \ **Voltage:** 100-240VAC, 50/60Hz
  - \ **Power:** 15W
  - \ **Max. Controllable Machines:** 18units (ZK6200)/ 54units (ZK6300)
  - \ **Support Device:** SPARKULAR®, CIRCLE FLAMER, SONICBOOM®
-

# FXmote



## FEATURES

- \ OLED screen to show device, effects and battery volume etc. information
- \ 10s automatic screen sleep design to save battery
- \ 5 groups of ID switchable
- \ Separate control of 3 groups of devices simultaneously
- \ 5 preset firing mode, left – right, right – left, middle – ends, ends – middle, synchronize

## SPECIFICATIONS

- \ **Dimension:** 117×65×28mm
- \ **Net Weight:** 0.15kg
- \ **Battery:** 3pcs 23A 12V battery
- \ **Power:** 0.2W
- \ **Work Temp.:** -20℃-50℃
- \ **Simulated Remote Control Type:** YK02 and PROGO

## DMX Splitter 8:

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DMX SPLITTER 8 is a flexible DMX splitter designed to distribute and boost incoming DMX signals into 8 separate outputs. When it use together with SHOWVEN® devices (FXcommander and SHOWVEN® special effects device) it with bi-directional data transfer function. Each input and output interface adopts electrical isolation technology. DMX SPLITTER 8 can effectively buffer, amplify and split standard DMX signal received, input to output, output to output electrical isolation withstand voltage greater than 1000V.

### SPECIFICATIONS

- \ **Dimension:** 530×153×49mm
- \ **Weight:** 2.8kg
- \ **Input:** AC100-240V, 50/60Hz
- \ **Work Power:** 5W
- \ **Housing Material:** 304 Stainless steel
- \ **Interface:**
  - Neutrik® PowerCON TRUE1
  - Neutrik® DMX IN \*1
  - Neutrik® DMX THRU \*1
  - Neutrik® DMX OUT \*8

## DMX Relay R12:

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The DMX Relay R12 allows sfx technicians to add DMX control to any switchable device which not include onboard DMX such as CO<sub>2</sub> jet, confetti blasters, voltage controllable flame head etc. It can convert the DMX signal from the master console into a voltage signal for output. DMX Relay R12 maximum support 12units of switchable devices with a maximum output current of 10A of each output interface.

### SPECIFICATIONS

- \ **Dimension:** 485×330×130mm
- \ **Net Weight:** 7kg
- \ **Max. Output Power:** 3800W
- \ **Housing Material:** 304 stainless steel
- \ **Input Voltage:** AC100-240V, 50/60Hz
- \ **Control Voltage Output:** AC100-240V, 50/60Hz
- \ **Voltage Output Interface:** 12
- \ **Max. Output Current / Output:** 10A
- \ **Power Input Connector:** Neutrik NAC3PX-TOP
- \ **Voltage Output Connector:** Neutrik NAC3FPX-TOP \* 12



# PyroMote



PyroMote is a handheld intelligent system dedicated to controlling PyroSlave for fireworks displays. It uses a touch screen to complete the setting operation and a physical keyboard to realize the ignition operation. It can not only realize manual firing with buttons but also run auto ignition files. Besides, it supports the TLC time code function. It is a handy and powerful tool for small to medium-sized fireworks displays.

## FEATURES

- \ 433M and 868M dual-band wireless, stable wireless signal output
- \ 5-inch high-resolution capacitive screen, clear and easy operation
- \ Support FXcommander®\_Editor Software for flexible effects programming
- \ Fast and convenient manual firing
- \ Dual-core processor, smooth operation
- \ Support LTC to realize precise synchronization of effects with music
- \ Built-in synchronous output AUDIO signal, achieves precise synchronization of output music
- \ Support USB back up of files
- \ Support simple DMX operation
- \ 18650 battery powered, easy replacement
- \ Multi languages

## SPECIFICATIONS

- \ **Dimension:** 218×107×40mm
- \ **Net Weight:** 0.5kg
- \ **Input:** 5V 2A
- \ **Power:** 10W
- \ **Casing material:** Aluminium
- \ **Battery Powered:** 2pcs 18650 battery
- \ **Charging Time:** 3h
- \ **Standby Time:** 6h
- \ **Wireless Function:** Dual band wireless PYRO
- \ **Interface:** USB, 3.5mm Audio Output, LTC IN, DMX OUT,
- \ **Work Temp.:** -20℃-50℃

# PyroSlave and PyroAdaptor



PyroSlave is a serial fireworks igniter specially designed for pyro technicians and stage special effects professionals. To adapt to extreme outdoor applications, PyroSlave features robust aluminum housing, touch keys, and metal connection terminals. PyroSlave can be operated both wired and wireless. Wireless mode with dual-band antennas communicate simultaneously, preventing signal interference on a single frequency band. Compared with wireless DMX, PyroSlave wireless signals have perfect anti-interference performance in large-scale events. The 2-wire PBUS technology used in wired communication can realize power supply while communicating. There are three models of PyroSlave available X4, X16 and X32.

## FEATURES

- \ Excellent anti-signal interference performance
- \ Robust aluminum housing and metal connection terminals, waterproof and dustproof as well as prevent the impact of sparks drop from fireworks.
- \ Can be operated both wired and wirelessly
- \ Wired mode with 2-wire PBUS technology can realize power supply while communicating, ensure continuous working
- \ Wireless mode with dual-band antennas communicate simultaneously, preventing signal interference on a single frequency band.
- \ Wireless mode with 4 wireless channels, 65536 ID. Only when the FXcommander and Slave with the same wireless channel and ID they can communicate. Ensure safe firing.
- \ Firing precision 100 firings/s
- \ Pyro bridge function of PyroSlave ensures versatile communications and avoids signal obstacles behind the big stage
- \ 2 \* M10 hole convenient for truss installation

## SPECIFICATIONS:

PyroSlave	PyroSlave X4	PyroSlave X16	PyroSlave X32
DIMENSION (mm)	150×165×85	335×165×85	425×165×85
NET WEIGHT (kg)	1.3	3	4.1
OUTPUT	4	16	32
TRIGGER INDICATE	OLED display and record		
ADDRESS	256 (00 to FF)	256 (00 to FF)	128
CONTROL	Dual-band wireless	Dual-band wireless, 2-wire PBUS (communication + charging)	
WIRELESS RANGE	600m		
WIRED RANGE	not available	2000m	2000m
FIRING VOLTAGE	24V		
FIRING CURRENT	5A		
FIRING DURATION	500ms		
RESISTANCE TEST	Yes		
BATTERY	2 * 18650 cell	4 * 18650 cell (4.2V, 2500mAh), battery not included	
OPERATION TIME	60h, sleep mode 2 weeks; Wired mode: non-stop		
CHARGING TIME	4h	Appr. 6h	Appr. 6h
CHARGING CONTROL	Type c	Max. 25 units PyroSlave per PyroAdaptor	
WIRED COMMUNICATION	not available	Max. 64 units PyroSlave per PyroAdaptor	
WATERPROOF LEVEL	IP65		
MINIMUM FIRING INTERVAL	10ms		

# PyroSlave C16



PyroSlave C16 is a lightweight, suitcase-style module derived from our PyroSlave series fireworks igniter. It is an affordable 16-cue firing module for small fireworks displays or hobbyists. PyroSlave C16 offers both quick plug and clamp connectors. Each output cue with indicator light to show the status. It can be communicated with FXcommander or PyroMote in a dual-band wireless or wired way.

## FEATURES

- \ 433M and 868M dual-band wireless receivers, excellent anti-signal interference performance
- \ Both quick plug and clamp connectors
- \ Indicator light for each output
- \ Light weighted suitcase for good protection
- \ Wired mode with 2-wire PBUS technology can realize power supply while communicating, ensure continuous working
- \ Wireless mode with 4 wireless channels, 65536 ID. Only when the FXcommander or PyroMote and Slave with the same wireless channel and ID they can communicate. Ensure safe firing.
- \ Firing precision 100 firings/s

## SPECIFICATIONS

- \ **Dimension:** 295x205x91mm
- \ **Net Weight:** 1.7kg
- \ **Output:** 16
- \ **Trigger Indicate:** RED means firing, GREEN means connected
- \ **Address:** 256
- \ **Control:** Dual-band wireless, 2-wire PBUS (communication + charging)
- \ **Wireless Range:** 600m
- \ **Wired Range:** 2000m
- \ **Firing Voltage:** 24V
- \ **Firing Current:** 5A
- \ **Firing Duration:** 500ms
- \ **Resistance Test:** Yes
- \ **Battery:** 4 \* 18650 cell (4.2V, 2500mAh), battery not included
- \ **Operation Time:** 60h, sleep mode 2 weeks; wired mode: non-stop
- \ **Charging Control:** Max. 25 units PyroSlave per PyroAdaptor
- \ **Wired Communication:** Max. 64 units PyroSlave per PyroAdaptor
- \ **Charging Time:** Appr. 6h
- \ **Minimum Firing Interval:** 10m



# SHOWVEN<sup>®</sup>



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