

light **Shark** series.

WORK PRO® **W**

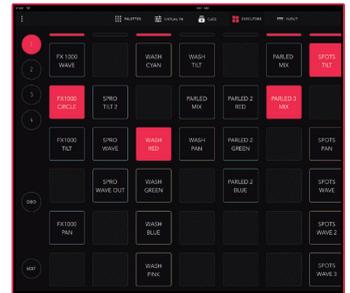
light Shark series.

LightShark Series is the first ever hardware lighting console range to offer a wireless, web-based control User Interface from any smart device like a smartphone, tablet or computer. All this is combined with physical faders, encoders and an independent DMX engine. With support for up to three connected devices simultaneously, LightShark sets a new standard for lighting control.

The LightShark range comprises two independent products, the LS-Core and the LS-1 consoles, both developed and designed entirely within WORK PRO's lighting division. The LS-1 brings together the best features from the world of innovative software-only lighting control and marries them to an intuitive, ergonomic assignable hardware control surface. The LS-Core omits the LS-1's hardware control surface but offers exactly the same lighting control software, processing power, and smartphone/tablet-based software control interface.

LightShark Series is a new concept in lighting control systems that combines the versatility of the software solutions with the ergonomics, built-in interfacing, and physical usability of a hardware console.

Perfect for small events, nightclubs, drama schools, corporate events and medium sized live events.



All Features

LightShark has a clear and simple user interface, any lighting designer will be able to use 100% of LightShark functionality in very reduced time. First-time users will adapt quickly and be able to create spectacular looks without any technical knowledge thanks to the built-in FX engine, with more than 25 pre-configured internal presets



8 DMX Universes



Virtual dimmer channel support



Executor pad-button matrix screen (can be locked)



Up to 4096 Fixtures



10 Main PlayBacks



20 Wing Faders



MultiPlatform



Built-in Fixture Editor



WIFI & Ethernet



Built-in Web Server App



MIDI & OSC Support



Up to 3 Simultaneous Displays



Internal Scheduler



Up to 1200 Cues



Fanning Function



Multi-Touch UI



Built-in Fx Engine



SubMaster Fx Size & Speed Editor



Fast programming, avoiding repetitive tasks.



Multiprotocol DMX, ArtNet, sACN, UDP, HTTP, OSC



Gobo icons Library



Color filter library (Rosco, Lee, Apollo).



Show file compatible through all the consoles



Full access through Internet



Show file includes fixture library



Custom user palettes



Tap Sync

LS-1.

The power of the LightShark engine combined with a complete hardware surface.

The LS-1 brings together the best features from the LightShark software engine and marries them to an intuitive, ergonomic hardware control surface. 4 encoders, 10 master playbacks and a color built-in display, combined with a complete set of RGB buttons, give users a full console platform able to manage incredible shows in a very reduced size, which is compatible with airplane carry-on luggage.

Mounted on the back of the LS-1 is a built-in stand to hold a device such as a tablet, while an extra dedicated USB charging socket on the rear panel keeps associated tablets or Smartphones charged at all times.



Technical DATA

Power Supply	90-240V 50/60Hz
DMX Universes	8
Protocols supported	ArtNet, sACN, DMX, OSC, UDP, MIDI
Direct DMX Universes	2
USB Ports	2 (1 for data, 1 for charge)
External Lamp Port	1x XLR 5V
DMX Ports	2x 3-pin XLR + 2x 5-pin XLR
Screen	4,5" TFT Color
Access Point WiFi	2.4GHz
Power supply connector	Neutrik® TrueOne
Dimensions (W x H x D)	430 x 100 x 330 mm
Weight	3.7 kg



4.5" TFT Color Screen

2-screen configuration

10 faders + master

Strong Aluminium Frame

4 Encoders



Kensington security slot

LAN

Kensington security slot

Wi-Fi Antenna

Lamp Port

2 Direct DMX Universes

Data USB Port

Charge USB Port

TABLET NOT INCLUDED

LS-Core.

The smallest 8-universe lighting console in the world.

LS-Core is the smallest 8 universe lighting console on the market, combining built-in hardware with all the features of the LightShark engine. A USB-host input is available to connect MIDI surface hardware so that users have access to real faders and buttons.



Technical DATA

Power Supply	DC IN 5V/2A (90-240V 50/60Hz adapter included)
DMX Universes	8
Protocols supported	ArtNet, sACN, DMX, OSC, UDP, MIDI
Direct DMX Universes	2
USB Ports	1 USB-Host
DMX Ports	2x 5-pin XLR
Screen	2x16 LCD
Access Point WiFi	2.4GHz
Power supply connector	DC Jack
Dimensions (W x H x D)	108 x 40 x 142 mm
Weight	468 g



LS-Core is a very versatile console that can be used as an ultra-mobile lighting console thanks to its reduced size. LS-Core is also very useful as an architectural controller, thanks to its embedded internal scheduler and small size, which allows it to be wall-mounted or installed in a 19" rack (see LS-Accessories section).

LS-Core includes a USB-host port that allows it to connect to external MIDI controllers, thus converting LS-Core into a very affordable console with control surface system.



LS-Nodes.

Fully configurable RDM/DMX streaming devices.

The LS-Node series is the new RDM/DMX streaming range from WORK PRO that supports industry standards ArtNet & sACN. They feature from 1 up to 4 DMX universes, with 3 different models: LS-Node1, LS-Node2 & LS-Node4, each of which adds its respective number of freely configurable DMX universes.

These small LS-Node products are available in the same quarter-rack physical format as the original LS-Core and are powered via a compact USB-C connector or by PoE, which is helpful when used in installations where they may be rack-mounted with an optional LS-AR 19 rack chassis.

All LS-Node products come with an integrated Ethernet switch with 2 ports and are multiprotocol, supporting the industry standards ArtNet and sACN.

LS-Node is fully compatible with LightShark consoles and can also be configured via a webserver, through which users can set up parameters like DMX frame rate (from 15 to 40 frames/s), firmware upgrades, independent RDM/DMX ports routing (any universe can be routed to any of the RDM/DMX ports independently) and modes of use.

With RDM compatibility, LS-Node allows configuration, status monitoring and management of remote devices from lighting consoles.



LS-Node 1



LS-Node 2

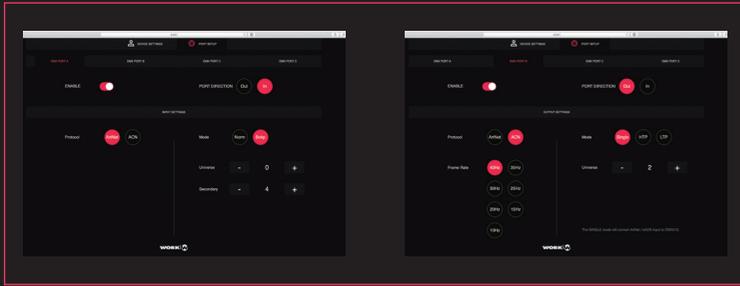


LS-Node 4



All the models feature several modes of use:

- **Single Mode:** RDM/DMX to ArtNet/sACN transceiver (LS-Node1 & LS-Node2 models) configurable via web.
- **Merger mode:** where the LS-Nodes can receive different universes (via ArtNet/sACN or DMX) and merge them in the same output, being able to select HTP/LTP merge modes.
- **Backup mode:** When LS-Node works in Backup mode with two consoles connected, the device can detect a loss of connection from the primary console and automatically switch to the backup console with a max latency of 3 seconds.



Screenshots from LS-Node. WEB configuration interface.



LS-Node 4

All Features

 Ethernet-RDM/DMX
bidirectional transceivers

 Every port independently
configured

 Merger HTP/LTP mode

 Backup mode

 Supports sACN, ArtNet,
RDM/DMX

 Integrated Ethernet switch

 DMX frame rate
configurable

 PoE (Power over
Ethernet) powered

 1/4 rack 19" enclosure

LS Accessories.

LLG 1.

LED desk lamp for LightShark LS-1.



- LED desk lamp.
- Light source: 6 LEDs white.
- Main supply: 5V DC.
- On/off button and 3 intensity levels.
- 3-pin XLR connector.
- Length: 520 mm.

LS Cases.

LS cases are made of ABS plastic, which is light, safe and really resistant to impacts. Specially designed for LightShark Series, these cases offer the ultimate in transport safety.

LSC 1300

for LS-Core and LS-Node.

Dimensions

- W: 339 mm
- H: 152 mm
- D: 295 mm



LSC 1544 T

for LS-1.

Dimensions

- W: 616 mm
- H: 250 mm
- D: 493 mm



LS-Accessories.

LS-AR 19.

1HU 19" rack chassis designed to fit up to 4 LS-Core or LS-Node devices. With this accessory it is easy to make systems like a 16 universe node in 1HU (4x LS-Node4) or a system of LS-Core with 8 direct DMX ports (1x LS-Core +1x LS-Node2 + 1x LS-Node4).



Dimensions	Weight
• W: 483 mm	• 2.1 kg
• H: 44 mm	
• D: 148 mm	

LS-WM.

Wall mount holder for LS-Nodes & LS-Core.
With this accessory composed of 2 metal wings, LS-Nodes and LS-Cores can be easily wall mounted.



LS-HR 19.

With this accessory composed of 2 metal wings it is possible to install an LS-1 in a 19" rack.



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