

SPARK

# CONSOLES



## A powerful compact console with a flare

Spark (item Code 123-001) is a compact lighting console suitable for television studios, theaters, discotheques, and small venues. Spark is designed to control up to 240 (512 optional) channels, 48 color changers, and up to 512 dimmers on industry standard DMX512. An additional 512 channels are available for intelligent luminaries controlled via DMX512 protocol or via proprietary protocol.

Multi-purpose soft keys associated with the 20 controllers provide one press access to Memories, Groups of channels and/or moving lights, Macros, Snaps, and Chasers. Current soft keys status is shown on a dedicated graphic LED display.

Multi-colored LEDs provide at a glance controller and soft-key status. Easy to read displays on the color SVGA/LCD monitor provide full information for controller assignments, chaser mode, and chase rates.

Spark is able to simultaneously run up to 10 chasers (with conventional fixtures and moving lights).

Editing of moving lights is done using 3 banked parameter wheels or accessing parameters directly using the soft keys in Parameter mode. Control of Pan and Tilt is done using a sensitivity adjustable trackball.

Many more optional features such as MIDI in/out/thru, DMX Input, internal SMPTE clock, Sound-to-light and remote bus may be added to make this a more powerful desk.

### FEATURES

- Convenient compact size.
- Spark supports up to 1024 DMX512 channels, using 2 DMX512.
- The DMX outputs may be flexibly aligned to control up to 240 channels (optionally 512), 48 scrollers, 24 moving-lights, and other DMX controlled devices.

- Main Playback includes an automatic dipless split-crossfaders with illuminated Go button, LED displays for current and incoming memories, and dedicated control keys for various functions.
- 20 Controllers/Chasers supporting memory ranges loops as chasers, group, memory, and inhibitive submaster assignments for manual or automatic fades.
- General master with blackout key.
- 20 soft-keys enabling direct access to snaps, macros, controller/chasers, and more.
- Spark editing interface includes 3 banked wheels with LED displays for dimmer intensity control and moving-lights parameters manipulation, and trackball for moving-lights pan/tilt control.
- More than 1000 memories ranging between 0.1 and 999.9 and supporting Loops and Links between them.
- Memories can be divided to up to 9 Parts, each containing any combination of channels, scrollers, and moving-lights with its own fade and wait time.
- 3 Libraries holding up to 99 entries each provides a tracking database for focus points (Position Library), colors (Color Library) and beam states (Gobo Library).
- Up to 99 Snaps provide snapshotting capabilities of the board's playbacks state including assignments and running states.
- 999 Powerful Macros can be created to simulate any key sequence, and triggered via soft-keys, memories, MIDI, SMPTE, DMX-in channels and more.
- Event for complex playback operations can be programmed to be triggered by memories or SMPTE time-code.
- Text tags may be added to any user data from libraries to show files via

COMPULITE

the optional Multi-lingual Text Keyboard.

- Moving-Light Types (Devices) can be selected from an extensive library on a supplied floppy disk (also available on the internet). Devices may be edited from name to wheel-banks assignments including parameters behavior, default values (Home) and more.
- Multi-layer patching enables user to distribute the logical channel configuration from 1 - 1024.
- 2 editors including a live editor and a blind editor. The blind editor enables editing in live situations without affecting the stage.
- An integral floppy disk drive to enable archiving of all shows data.
- Direct output to a parallel printer, prints memory sheet, memory contents, Libraries, Macros, and more.
- A display screen featuring various live data, exam displays of any data, and much more.
- Support for LCD monitor.
- 1 dimmable desklight.

#### OPTIONAL FEATURES

- Spark LX (item code 123-002) additional features include:
  - MIDI - standard IN/OUT/THRU - for interfacing and syncing with other MIDI controlled devices, or for sync operation of two consoles
  - Internal SMPTE clock for triggering Memories, Events and Macros
  - DMX Input
  - Remote Bus int.
- Sound-To-Light for chasers (item code 190-012)
- 512 channels (Spark LX/Q item code 123-007)

#### TECHNICAL SPECIFICATIONS

##### Power Supply

In 100-240 VAC 50/60 Hz/30w

AC In/Thru (for monitor)

##### Dimensions

Width: 63cm (24.8")

Depth: 35 cm (13.7")

Height: 10.5cm (4.1")

Weight: 6.5kg. (14.3 lb.)



#### Connectors

Mains power input

Mains power output (for monitor)

Mains switch

Output 1: DMX512 channels / moving-lights

Output 2 : DMX512 moving-lights

SVGA/LCD output

Alphanumeric text keyboard

Parallel printer port

Riggers control port

Desk light (12V)

DMX input (LX model)

MIDI In/Out/Thru (LX model)

Remote bus (LX model)

SMPTE input (LX model)

#### ACCESSORIES

- Universal Wireless Remote Control (item code 193-007)
- Universal Cable Remote Control (item code 193-008)
- Macro Extension Wing (item code 192-015)
- Alphanumeric text keyboard
- Parallel printer

\*Specifications are subject to change without prior notice

Compulite systems(2000) Ltd.,  
9 Hanagar St. Neve Ne'eman B Industrial zone  
Hod Hasharon, 45421, Israel  
Tel: 972 9 7446555, Fax: 972 9 7466515  
www.compulite.com

**COMPULITE**