

GSX™

Console platform

25, 50, 75, 100, 125 channels

- ❑ Compact lighting hardware platform with a choice of software packages
- ❑ Designed for smaller scale entertainment lighting and presentations
- ❑ Economical entry level console with channel number and feature upgrade paths
- ❑ Two proportional patches
- ❑ Integrated 3.5" disk drive and separate VGA colour monitor
- ❑ Comprehensive control surface including command panel, two independent playbacks, wheel, LCD display and 24 submasters
- ❑ Strand's Genius™ operating software provides an intuitive user interface and a foundation environment for controlling up to 512 DMX dimmers or scrollers using 25, 50, 75, 100, or 125 channels
- ❑ Optional Kaleidoscope™ application software expands Genius to include advanced effects and intelligent colour scroller control
- ❑ Optional Communiqué™ application software expands Genius to include industry-standard communications protocols such as MIDI Show Control, MIDI Backup, DMX input, RS232 ASCII remote control, remote submasters and macros
- ❑ Software updates or new operating packages can be added using integral floppy disk drive

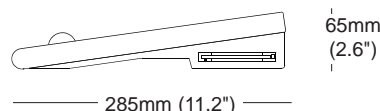
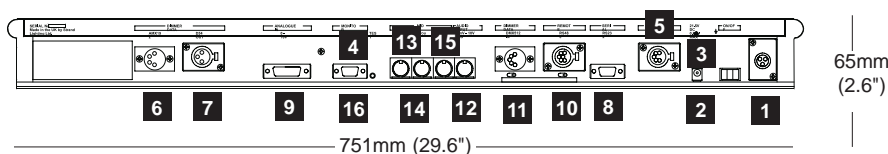
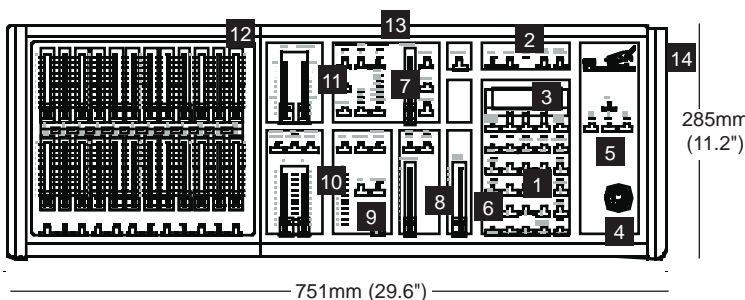


Console Surface

- 1 Command keypad for channel and memory control
- 2 Recording and help keys
- 3 Backlit LCD display for function keys, memory & playback status
- 4 Level and rate control wheel
- 5 Cursor keys for screen editing
- 6 Grand master fader and Blackout key
- 7 Effects control
- 8 Flash key control
- 9 X playback
- 10 A/B playback
- 11 Manual fade time selection
- 12 24 submasters
- 13 Colour VGA monitor output
- 14 3.5" disk drive

Rear Panel

- 1 24V input from power supply
- 2 Auxiliary power input
- 3 On/off switch
- 4 VGA colour monitor
- 5 DMX512 output
- 6 AMX192 output
- 7 D54 output
- 8 RS-232 connector
- 9 Twelve 0 to +10V analog inputs
- 10 RS-485 connector
- 11 DMX512 input
- 12 Audio input
- 13 MIDI in
- 14 MIDI thru
- 15 MIDI out
- 16 Test LED indicator



Weight

5.5kg (12lb)

GSX™ Control Console

Compact and versatile hardware platform for use with Genius™ operating software, and optional Kaleidoscope™ and Communiqué™ application software. The Operating Software package chosen sets the capacity of the system in increments from 25 channels to a maximum of 125 channels. With two playbacks, 24 submasters, LCD display and integral 3.5" floppy disk drive. Supplied with power supply. Future expansion of capacity or functions (through application software) is designed into the system through the purchase of upgrade packs or additional application software. See also LBX console which has a similar specification to GSX, but provides additional two presets of software configurable manual faders.

Technical Specifications

Supply voltage

24VDC, 1A . Supplied from external power supply.

Archive memory

3.5" floppy disk (DOS).

Standards compliance

SELV, EMC emissions to EN50081-1, EN55014; EMC immunity to EN50082-1, IEC1000-2-2; design & manufactured within a quality control system approved to BS EN ISO 9001.

Connections

Dimmers: DMX512 output (512 dimmers), 5 pin female XLR (1).

Dimmers: AMX192 output (192 dimmers), 4 pin male XLR (1)

Dimmers: D54 output (384 dimmers), 3 pin female XLR (1).

DMX Input, 5 pin male XLR (1).

MIDI (In/Thru/Out).

RS-485 Remote Handheld port (1).

Serial printer, 9 pin male D-type (1).

12 Analogue Inputs +10V, 15 pin D-type female (1).

Audio input, 10mV to 10V balanced, 5 pin female DIN (1).

Keyboard (1).

VGA monitor, high density 15 pin female D-type (1).

Power input: XLR or standard DC input socket.

Mechanical Data

Construction

High impact injection moulded thermoplastic and aluminium.

Environmental Data

Operating Temp

0° to 40°C ambient (32° to 104°F).

Storage Temp

-40° to 70°C (-40° to 158°F).

Humidity

5% - 95% non-condensing



Operational Data

The full operational specification of the GSX console depends on the software chosen for the system, and the user's preference of operational functions which may be custom configured.

Channel Control

Main command keypad for setting channel levels, and recording lighting states. The associated LCD display provides local indication of channel control status, including the functions of three menu selection soft keys. Control ball operates as a wheel to increase and decrease intensity.

Playbacks

Two playbacks are provided, one for replay of automatic timed sequence memories with Go, Stop/Back, Cut and Load memory keys, the other a manual playback with faders and Load memory keys. Each playback has a LED fade progress indicator, and can work at a different point in the cue sheet, enabling two cue sequences to be run independently on separate playbacks if desired.

Macros

10 user-programmable Macros are provided, each offering a maximum of 32 keystrokes. Macros can be activated directly from the keypad, or remotely.

Effects

Three effects playbacks are provided, controlled by a Go/Stop key and manual step key. Three chase memories are provided with Genius software, and the optional Kaleidoscope application software offers seven effect types and 30 memories.

Submasters

24 programmable submasters with five separate pages are provided

On/Off

Main switch is provided on the rear panel of the console.

Grand Masters and Blackout

A Grandmaster fader and 'Blackout' are provided.

Software

Genius™, Operating software minimum. Application software includes Communiqué™ (comms), Kaleidoscope™ (special effects). Genius Off-line editor is available.

Control Capacity

From 25 to 125 channels patchable to a maximum of 512 DMX, 192 AMX or 384 D54 outputs. Channel capacity is defined by the version of Genius Operating software purchased. Control capacity may be upgraded at any time by additional software in 25 channel blocks

Control Inputs

One DMX input (254 dimmers), and 12 analog inputs (0 to +10V). DMX inputs may be patched to DMX outputs with a scaling factor if required. Analogue input signals are used for remote control of selected submasters.

Printer

Support for Epsom FX, IBM Proprinter, HP Deskjet, HP Laserjet, and ASCII is included in Genius Operating Software.

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Ordering information

Cat No Description

64002 GSX Console, European psu (requires Genius operating software minimum)
64003 GSX Console, UK psu (requires Genius operating software minimum)

GSX Peripherals & Accessories

Cat No Description

66012 Monitor, 14", VGA (230/240V)
66013 Monitor, 15", SVGA (110/230V)
66041 Handheld designer's control
66083 DMX control cable, 2m
66081 DMX control cable, 10m
66082 DMX control cable, 25m
66031 Dust cover, GSX console
66032 Dust cover, 14" monitor
66051 Touring case, GSX console
66052 Touring case, 14" monitor

Software

Cat No Description

67011 Genius 25 Operating software
67021 Genius 50 Operating software
67031 Genius 75 Operating software
67041 Genius 100 Operating software
67051 Genius 125 Operating software
67001 Genius 25 channel extension software
67061 Kaleidoscope Application software
67071 Communiqué Application software
67120 Genius Off Line Editor for PC