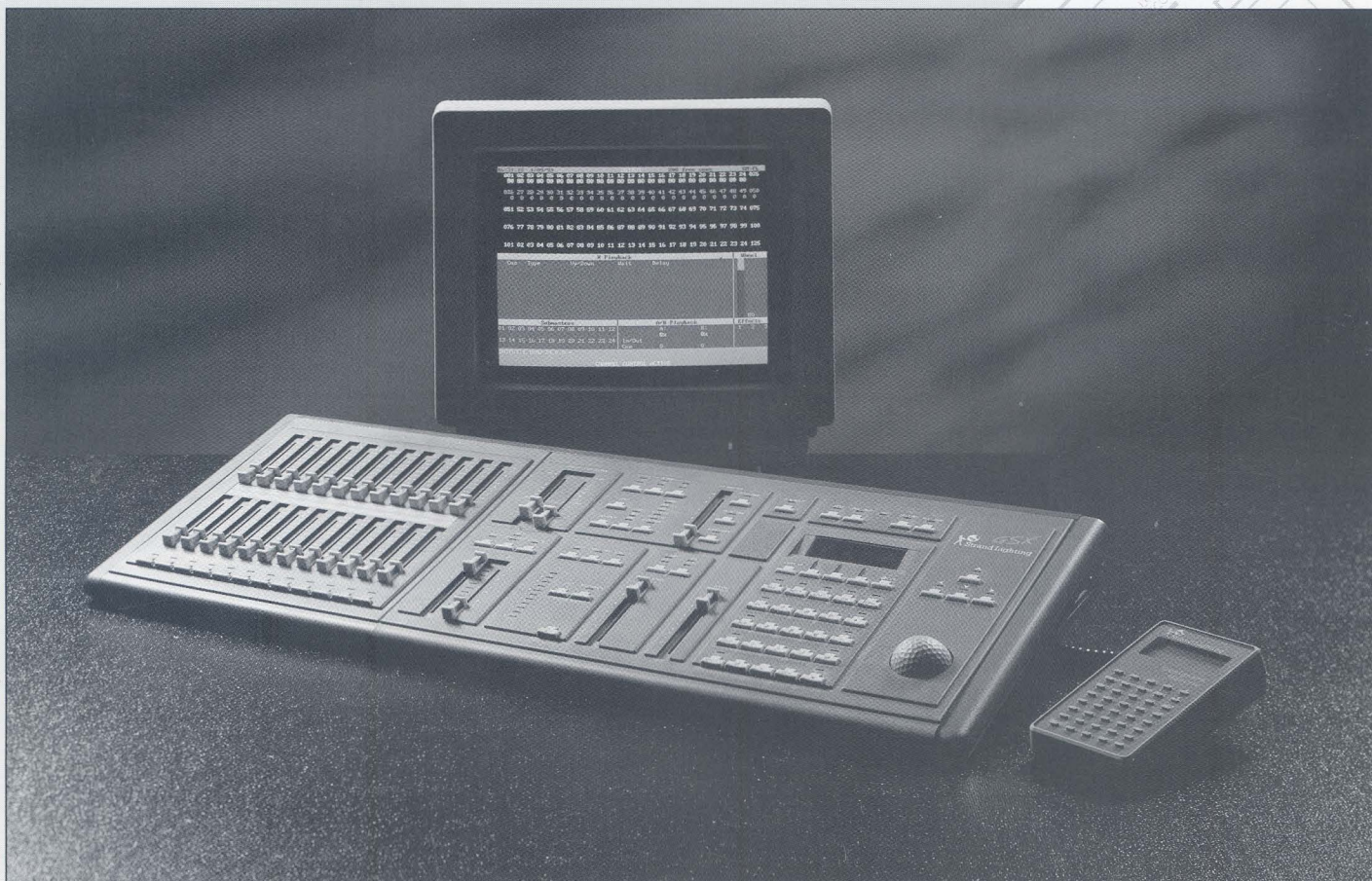


GSX™ with GENIUS™ MEMORY CONTROL SYSTEM



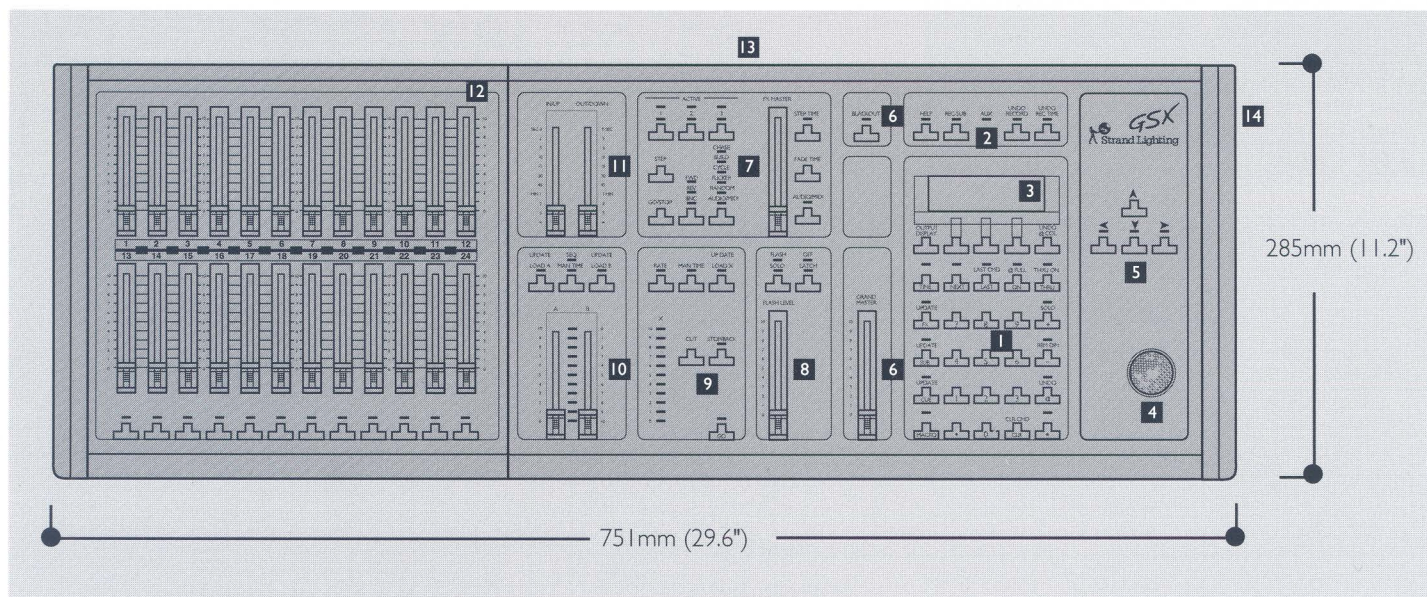
G SX with Genius introduces a new era in lighting control - a comprehensive lighting console with tailor-made operating software packages to combine the exact features you want, at an affordable price. Plus the added benefit of an in-built upgrade path - by purchasing the required software packs, the GSX is simply upgraded by inserting the floppy disk into its low-profile disk drive.

- New generation lighting console combining a powerful electronics with user-friendly application software packages
- Low-priced entry level with channel number and feature upgrade paths
- One console for all channel sizes
- Integrated 3.5" disk drive and separate VGA colour monitor
- Comprehensive control surface including command panel, two independent playbacks, three effects playbacks, wheel, LCD display and 24 submasters.

- Strand's Genius foundation software provides an intuitive operating system for controlling up to 512 DMX dimmers or colour scrollers using 25, 50, 75, 100, or 125 channels
- Optional Kaleidoscope extension software package includes advanced effects and intelligent colour scroller control
- Optional Communiqué extension software package includes industry-standard communications protocols such as MIDI Show Control, MIDI Backup, DMX input, RS232 ASCII remote control, remote submasters and macros
- Software updates and upgrades loaded by floppy disk drive
- Available as separate building blocks or as complete systems
- Wide range of accessories
- Software and manuals available in different languages

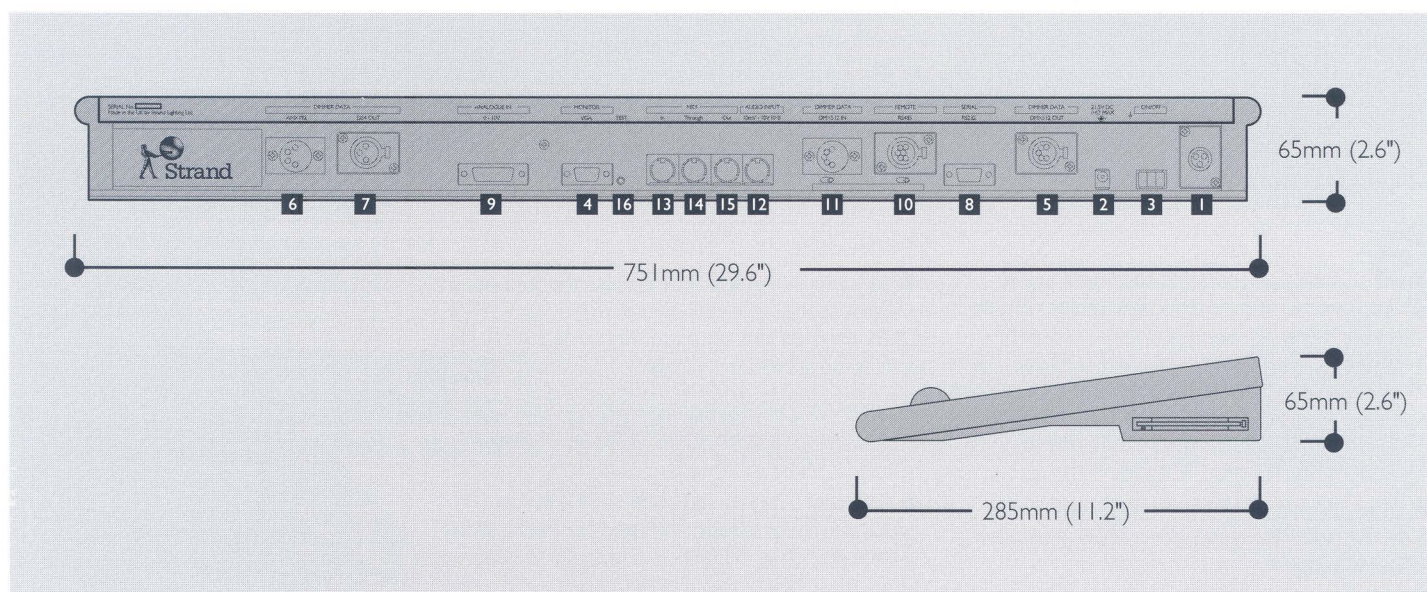
GSX

GSX Memory Control Console



A Guide to the GSX Control Console

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



GSX Console Input and Output Connections

- | | |
|-------------------------------|------------------------------------|
| 1 24V input from power supply | 9 Twelve 0 to +10V analogue inputs |
| 2 Auxiliary power input | 10 RS-485 connector |
| 3 On/off switch | 11 DMX-512 input |
| 4 VGA Colour monitor output | 12 Audio input |
| 5 DMX-512 output | 13 MIDI In |
| 6 AMX-192 output | 14 MIDI Thru |
| 7 D-54 output | 15 MIDI Out |
| 8 RS-232 connector | 16 Test LED Indicator |

Specifications

General	GSX Console	Genius	Kaleidoscope	Communiqué
VGA colour monitor	1			
LCD displays on console	1			
3.5" disk drive	1			
Soft function keys	3			
On line prompts and help screen		●		
Real Time Clock and Date on screen		●		

Capacity

Channels		125 100 75 50 25		
Dimmers		512		
Cues in battery backed memory		200		
Effects memories		3	30	
Submasters		24		
Flash keys		12		
Macros, user programmable		10		

Intensity Channel Control

Lists using: +, -, THRU, NEXT, LAST		●		
Lists using mixed Channels, Cues and Submasters		●		
Levels using @, ON, FULL, +, - and wheel		●		
Level setting by two (per-cent) or one digit (points)		●		
Proportional or Shaft wheel control		●		
UNDO @		●		
REM-DIM, SOLO		●		
BUMP UP/DOWN		●		

Colour Channel Control

Frame numbers on screen			●	
@ COL function			●	
@ COL UNDO function			●	
Scrollers unaffected by Grand Master or Blackout			●	

Recording Cues & Submasters

UP / DOWN fade times, cues and submasters		●		
UP / DOWN delay times, cues		●		
WAIT time, cues		●		
LINK / LOOP / link to MACRO		●		
Cross fades / Move fades / Manual fades		●		
Record output		●		
Record time only		●		
Record minus submasters		●		

Specifications

Recording Cues & Submasters Cont'd	GSX Console	Genius	Kaleidoscope	Communiqué
Record NEXT free Cue		●		
Cue numbers 0.1 to 999.9		●		
Cue RENUMBER function		●		
Cue 0 is a blackout cue		●		
Update Cue		●		
Update Submaster		●		
Update effect			●	
Submaster quickload function		●		
Over-record warning		●		
UNDO record		●		
Memory Lock function		●		

Automatic Playback

GO key	●			
STOP / BACK key	●			
CUT key	●			
LOAD key	●			
Simultaneous move fades		6		
Programmable fade time		●		
Manual fade time		●		
Fade rate override with wheel		●		
Programmable CUT time		●		
Programmable BACK time		●		
Fade progress LED display	●			

Manual Playback

Faders for In / Out dipless cross fades	●			
Load A / Load B keys	●			
Fade progress LED display	●			
Sequential / Non-sequential operation		●		
Programmable fade time		●		
Manual fade time		●		

Submasters

Submasters	24			
Programmable fade time per submaster		●		
Inhibitive submasters		12		
Flash keys	12			
Flash level master	●			
Flash pile-on / SOLO modes		●		
Flash momentary / latch mode		●		
External submasters				12
DMX IN master				●
Sound-to-light control of submaster			●	

Specifications

	GSX Console	Genius	Kaleidoscope	Communiqué
Effects				
Effects playbacks	3			
GO / STOP key	●			
Manual STEP key	●			
Effects memories		3	30	
Forward, reverse, bounce		●		
Chase / Build / Cycle / Flicker / Random / Audio / MIDI		chase	●	
Step time override with wheel			●	
Effect fade in time override with wheel			●	
Audio / MIDI sensitivity control with wheel			●	

Macros

User programmable macros		10		
Key presses per macro		32		
Start-up macro		●		
Macro triggered by keypad		●		
Macro triggered by date and time		●		
Macro triggered by hand held designer's remote		●		
Macro triggered by submasters		●		
Macro triggered by audio input			●	
Macro triggered by configurable ASCII MIDI input				●
Macro triggered by configurable serial input				●
Macros triggered by external +10V signal				12

Patches

Patches in memory		2		
Dimmers / scrollers		512 dim	512 dim/ scrol	
Proportional scaling		0% to 200%		
Non-dim trigger level		1% to 99%		
Default patch function		●		
Programmable system default scale factor		●		
Programmable system default non- dim trigger level		●		
Scroller setup in PATCH			●	
Default max colour frame number			1 to 100	

Specifications

	GSX Console	Genius	Kaleidoscope	Communiqué
Show Storage & Retrieval				
MS-DOS compatible 3.5" floppy disk drive	●			
Formats new disks		●		
Automatic backup copies of show made on disk		●		
Reading cues, submasters, effects and setup memories individually and in blocks		●		

Setup functions

Languages	North American English, British English, German, French, Italian, Spanish, Swedish
Channel control modes	Direct action, Command line
Channel level entry	Single digit, Double digit
ON level	0 to 100%
A/B playback fade modes	Recorded, Manual
A/B playback fade in/out times	0:0 to 59:59
X playback fade types	Crossfade, Movefade
X playback fade up/down times	0:0 to 59:59
X playback delay up/down times	0:0 to 59:59
X playback wait time	0:0 (off) to 59:59
X playback back fade time	0.0 to 10.0
X playback cut fade time	0.0 to 10.0
Submaster fade time mode	Recorded, Manual
Submaster recorded fade times	0:0 to 59:59
Effects step time	0:0 to 59:59

Setup functions continued

Buzzer volume	0, 1, 2, 3
LCD contrast	0% to 100%
LCD backlight	0% to 100%
Power up macro	0 to 9
Wheel mastering	Proportional, Shaft
Set time and date	●
Time format	24 hour or am/pm
Date format	DD/MM/YY or MM/DD/YY
Patch default scale factor	0% to 200%
Patch default non-dim trigger level	1% to 99%
Printer type	Epson FX-80, IBM Proprinter II, ASCII and HP Laserjet II (PCL3)
Printer paper size	A4 or 11"
RS-232	Baud rate, data bits, stop bits, parity
MIDI channel number (Communiqué only)	1 to 16

Peripherals & Accessories

14" VGA colour monitor
Handheld Designers Remote
Inkjet printer
Dustcover for console and monitor

Flightcase for console and monitor
Box of 10 disks
DMX extension cables
Remote extension cables

Input / Output Control	GSX Console	Genius	Kaleidoscope	Communiqué
Dimmer data output		DMX, SMX, AMX or D54		
0 to +10V Analogue inputs				12 Submasters (12 macros)
DMX In				Channel mode, Dimmer mode (max 256 dimmers)
RS-232		Designers Remote, Printer		ASCII control, ASCII remote GO
MIDI			Effects step control	In/Thru/Out, MIDI Show Control, Tracking Backup, Remote Go
Audio			Effects step control, Sound-to-light on submaster	

Genius Display Screens

Mechanical & Electrical	GSX Console	Designer's Remote	Console Flightcase	Monitor Flightcase		
External power supply	120V, 230V	From console			Output	●
Power input	24V dc, 1A	From console			Cue preview	●
External Dimensions - mm	751 x 285 x 65	154 x 80 x 33	820 x 470 x 160	470 x 485 x 430	Submaster preview	●
External Dimensions - inches	29.6 x 11.2 x 2.6	6.1 x 3.2 x 1.3	32.3 x 18.5 x 6.3	18.5 x 19.1 x 17.0	Cue/channel cross reference	●
Weight	5.5 kg / 12 lb	0.230 kg / 0.51 lb	9.0 kg / 20 lb	9.5 kg / 21 lb	Effects	●
Material	High impact injection moulded thermoplastic and Aluminium	High impact injection moulded thermoplastic	6 mm plywood with 1 mm polyrae plastic coating	6 mm plywood with 1 mm polyrae plastic coating	Macro & Output	●
Colour	Grey	Two tone Grey	Storm Grey	Storm Grey	Archive & Output	●
					Patch	●
					Setup	●
					Status log	●
					Help Display	●

Ordering Information

Product		Order Code
GSX Console	with North American style, 120V power supply	64001
	with European style 230V power supply	64002
	with UK style 230V power supply	64003
Genius Foundation Software	Genius 25	6701x*
	Genius 50	6702x*
	Genius 75	6703x*
	Genius 100	6704x*
	Genius 125	6705x*
Genius Upgrade Software	Genius 25 channel upgrade	6700x*
Extension Software	Kaleidoscope	6706x*
	Communiqué	6707x*

* Insert the following number for language preference: North American English 0, British English 1, German 2, French 3, Italian 4, Spanish 5, Swedish 6

Product		Order Code
Century System Package (120V countries)	GSX console, Genius 125 + Kaleidoscope + Communiqué, 14" VGA colour monitor (120V), dust covers for console and monitor, box of 10 disks and a DMX extension cable.	
	with 120V plug	640xx*

* Insert the following numbers for language preference: English 10, French 09, Spanish 08.

Product		Order Code
Strand System Package (230V countries)	GSX console, Genius 100 + Kaleidoscope, 14" VGA colour monitor (230V), Designer's Remote, dust covers for console and monitor, box of 10 disks and a 10m extension cable for the Designer's Remote.	
	English manual, 13A plug	64011
	with Euro plug	6401x*
Touring System Package (230V countries)	As the Strand System Package, but with the following additions: Genius 125 + Kaleidoscope + Communiqué, flight cases for console and monitor and a 10m extension cable for DMX 512.	
	English manual, 13A plug	64021
	with Euro plug	6402x*

* Insert the following number for language preference: German 2, French 3, Italian 4, Spanish 5, Swedish 6.

For more ordering information on hardware and software, please refer to the Strand Lighting Catalogue, available from any Strand Lighting office or authorised dealer.

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