

Small & Powerful

grandMA ultra-light

The grandMA ultra-light is a newly designed very compact moving light controller which also includes all features of a conventional lighting console, just like the rest of the grandMA range. Like the rest of the range, this moving light controller is suitable for concert lighting, touring applications, lighting control for fairs and exhibitions as well as theatre, TV and studio use.

Its 1024 channels can be used for conventional dimmers, moving lights from the built-in library or self-created fixtures of any kind. Any control channel can be assigned to be either 8 or 16 bit in resolution, even for standard dimmers.

It comes in a compact housing with all the components built in; no external PCs, processor units or monitors are required. Even in view of its reduced size and numbers of channels, the console can use EtherNet technology for the transmission of DMX data and for communication with other grandMA consoles and PC applications.

The grandMA ultra-light is well prepared for ESTA's Advanced Control Network and already utilises many of the pre-published ideas of this upcoming standard.



Size matters

Compact Control for Dimmers and Moving Lights

Filling the gap between grandMA light and Scancommander, the grandMA ultra-light is based on an industrial PC board which is integrated in the console's housing. It uses the same future-oriented grandMA software and is therefore fully compatible with show files from all other grandMA consoles and control products.

The console offers real theatrical channel and fixture control, with a dedicated digital wheel and screen layouts. It has all the advantages of grandMA user interface (like Hue/Saturation/Brightness colour picker for colour mixing), all operated by a very tactile built in TFT touch screen.

The software also offers built-in editors for the fixture library, dimmer/parameter /fade profiles and effect forms and requires no external PC software for any modifications to the show itself.

The grandMA ultra-light, in common with the other consoles in the range, can be remotely controlled by any DMX source via a separate DMX input port to trigger keys and executor faders. This also allows any DMX console to be used as playback extension via DMX input port like an extension wing.

grandMA ultra-light Ordering Options

Item-No.	Description
120303	grandMA ultra-light console, 1024 channels
121021	Flightcase
120311	ArtNet Network Node, 4 DMX ports
129712	Mini Keyboard
129710	External Mouse, 3 buttons
010205	Spare Desklamp
120316	Spare Dust Cover



The whole family:

grandMA technical data

Hardware Specification

Console	grandMA	grandMA light	grandMA ultra-light	grandMA replay unit	grandMA off-line
DMX Circuit Capacity	2048 (4096 optional)	2048 (4096 optional)	1024	2048 (4096 optional)	4096
Cue Capacity	unlimited	unlimited	unlimited	unlimited	unlimited
Executor Faders	20, motorised	10, motorised	10, manually operated	5, manually operated	20, ion-screen [†]
Executor Buttons	60 + 40	30 + 20	30 + 20	15 + 5	60 + 40
Playback Faders	1280, via 64 pages	640, via 64 pages	640, via 64 pages	320, via 64 pages	1280, via 64 pages
Playback Buttons	6400	3200	3200	1280	6400
Playback Keys	3	3	-	-	3
Effects	899	899	899	899	899
Groups	999	999	999	999	999
Presets	999	999	999	999	999
Profiles	4096	4096	4096	4096	4096
TFT Touch-Screens	3	1	1	LED, 2 rows, 16 char	3 sub-windows
External VGA Screens	2	2	1 + 1	2	2 sub-windows
DMX512/1990 Ports	4 out / 1 in / 1 thru	4 out / 1 in / 1 thru	2 out / 1 in	4 out / 1 in / 1 thru	-
MIDI Connection	in / thru / out	in / thru / out	in / out	in / thru / out	via EtherNet
Timecode	SMPTE (LTC) / MIDI	SMPTE (LTC) / MIDI	SMPTE (LTC) / MIDI	SMPTE (LTC) / MIDI	-
Audio / Sound (mono)	>20 mV, 6.3mm socket	>20 mV, 6.3mm socket	>20 mV, 6.3mm socket	>20 mV, 6.3mm socket	-
Remote Touchboard	16 buttons, analogue	16 buttons, analogue	16 buttons, analogue	16 buttons, analogue	-
Printer	parallel	parallel	parallel	parallel	parallel
EtherNet Network	10 base-T / 10 base-2	10 base-T / 10 base-2	10 base-T	10 base-T / 10 base-2	depends on PC
@-Keyboard	built-in (US / D layout)	on-screen / optional	on-screen / optional	on-screen / optional	PC-Keyboard
Mouse	built-in (3 buttons)	built-in Trackball, Mouse optional	built-in Trackball, Mouse optional	external Mouse optional	PC-Mouse
Desk Lamp	2 Goosenecks (dimmable)	1 Gooseneck (dimmable)	1 Gooseneck (dimmable)	-	-
Operation System	Wind River Systems ^Æ VXWorks	Wind River Systems ^Æ VXWorks	Wind River Systems ^Æ VXWorks	Wind River Systems ^Æ VXWorks	Windows ^Æ 95/98/ME/NT/2000
Archive Options	12 MByte Flashdisk 4 GByte Harddisk 3.5 ^î Floppy Drive	12 MByte Flashdisk 4 GByte Harddisk 3.5 ^î Floppy Drive	2 GByte Harddisk 3.5 ^î Floppy Drive	12 MByte Flashdisk 4 GByte Harddisk 3.5 ^î Floppy Drive	depends on PC (25 MByte Harddisk space required)
Main Processor	AMD, 350 MHz	AMD, 350 MHz	VIA, 773 MHz	AMD, 350 MHz	300 MHz required
Slave Processor	Motorola 68360	Motorola 68360	-	Motorola 68360	-
Main Memory	64 MByte	64 MByte	64 MByte	64 MByte	64 MByte required
Power Supply	UPS (15 minutes) 90-230 V, 50-60 Hz	UPS (15 minutes) 90-230 V, 50-60 Hz	Standard 90-230 V, 50-60 Hz	UPS (15 minutes) 90-230 V, 50-60 Hz	depends on PC
Dimensions (WxHxD)	1200 x 150 x 670 mm (47.3 x 5.9 x 26.4 inch)	730 x 120 x 510 mm (29 x 5 x 20 inch)	635 x 157 x 490 mm (25 x 6.2 x 19.3 inch)	485 x 130 x 430 mm (19 x 5 x 17 inch)	-
Weight	47 kg / 104 lbs	20 kg / 44.2 lbs	12.9 kg / 28.5 lbs	11 kg / 24.3 lbs	-