

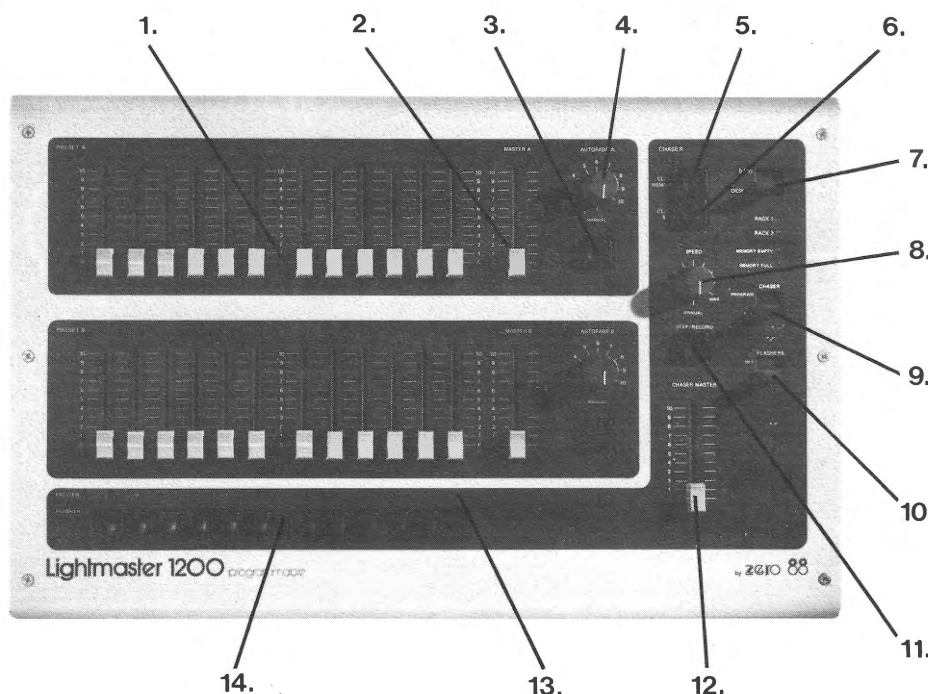
Lightmaster
1200
Programmable

Elegantly
Simple.



zero 88

12 Channels • 2 Presets • 15 Step Memory
Individual Channel Flashers • Timed Crossfade • Bass Chase



KEY

1. Channel Faders
2. Preset Masters
3. Preset Flasher Buttons
4. Autofade
5. Clear Memory Button
6. Clear Step Button
7. DBO
8. Speed Control
9. Program/Run Switch
10. Flasher Disable Switch
11. Step/Record Button
12. Memory Level Master
13. Preview Lights
14. Channel Flasher Buttons. (Flash to Full).

Simple and fast to operate was the prime concern of Zero 88's design team when Lightmaster 1200 was conceived.

The Brief —

Design a 12 channel 2-preset lighting desk with an easy to learn Matrix Memory system, avoiding the confusing and expensive pin patch Matrix, and with the ability to use the memory also as a comprehensive chaser.

To be the ideal step between the restrictions of normal 2-preset fader control and the complexity of full memory.

Made to a price affordable by Schools and Colleges, Amateur Theatre Groups, Church Halls and Live Music groups.

With these criteria in mind, we have succeeded in building what is arguably the most simple to operate memory lighting desk yet to be designed.

The Lightmaster 1200 has set the standard by which all future small 2-preset desks will be judged!

Elegant is the best adjective to describe the 1200's appearance. The brushed aluminium finish belies its great integral strength.

With the Mk II we have added some optional accessories to make the Lightmaster 1200 even more versatile.

Technical Description

The Lightmaster 1200 is a 2-preset lighting desk with all the features expected of a modern design.

Each preset master group has an overall level fader, a flash to full button, and an autofade control (1 to 10 seconds and 'OFF'). Each channel has a flash to full button which may be disabled by the flasher on/off switch.

A dead black out (DBO) switch is provided which turns off all the desk outputs but does not destroy the memory or prevent programming. Several 1200s may be connected together with one acting as 'Master', the others as 'Slaves'. The preset master group controls on the 'Master' desk operate for all the desks; the 'Slave' master controls being disabled.

In addition to these features, the 1200 has a fifteen step programmable on/off memory. It is unique for a desk in this class, for it has the ability to be programmed 'blind' (ie without affecting lighting being controlled by the presets). The memory contents may be saved over long periods by fitting a battery in the compartment provided.

Programming is simplicity itself. By switching to the Program mode, the Flasher buttons become Program buttons and combinations of channels may therefore be entered into the memory, recording up to 15 extra 'scenes'. These 'scenes' can be previewed on the LED display. The output level of the information stored in the memory is controlled by the memory master.

The memory may be used as a chaser simply by repeatedly pressing the Step/Record button. Alternatively, the memory can be sequenced automatically using the speed knob, or driven via the bass beat of an audio signal. The audio can also be used to speed up the automatic chase. A remote switch such as a footswitch may be used in place of the Step/Record button.

The power to operate the 1200 is supplied by a nominal +23 volt feed from either or both dimmer racks, from an external power supply, or from the optional internal power supply. An LED display on the 1200 front panel shows when any supply is correctly connected.

The Zero 88 Rackmaster range of dimmer racks is recommended for use with the Lightmaster 1200, but other manufacturer's racks conforming to the control and power supply specifications set out below may be used.

Technical Specification Standard Lightmaster 1200

(Product 230)

Channel Output:

- 0 to +10 volts.
- 0 to -10 volts (With 237 kit, see below)
- 0 to -15 volts (With user modified 237 kit and Internal PSU)

Output Connectors:

- 7 pin XLR fixed sockets. Use only Switchcraft connectors.
- 8 pin Bleecons may be user fitted.

Power Supply Requirements:

- +18 to +28 volts dc at 180 milliamps max. via XLR7 connectors or external power supply socket.

Backup Battery (Not supplied):

- PP3 (6F22 or 006P) leakproof battery.
- Radio Shack Part No 23-583

Audio Input:

- 100 millivolts to 50 volts;
- Input impedance 20k; via one pole of 1/4" stereo jack.

U S Lightmaster 1200

(Product 225)

- As above but with 115v/240v Internal Power Supply and twin 10 pin Cinch-Jones sockets.

Optional Accessories

External Power Supplies (Calculator type):

- 231 with Schuko Plug
- 235 with US 'U ground' Plug
- 236 with UK 13 amp Plug

Internal Power Supply Kit

- 232 A replacement end plate which houses an Internal Power Supply with rechargeable backup battery. Provides power for both the desk and an Output Conversion Kit.

Output Conversion Kit:

- 237 0 to -10 volt Output Conversion Kit: Requires a -18 volt supply from the racks plus a +23 volt external supply. If the -18 volt supply is not available, a 232 Internal Power Supply may be fitted. This provides both -18 and +23 volts.

This kit may be user modified to 0 to -15 volts output if the Internal Power Supply is fitted.

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