

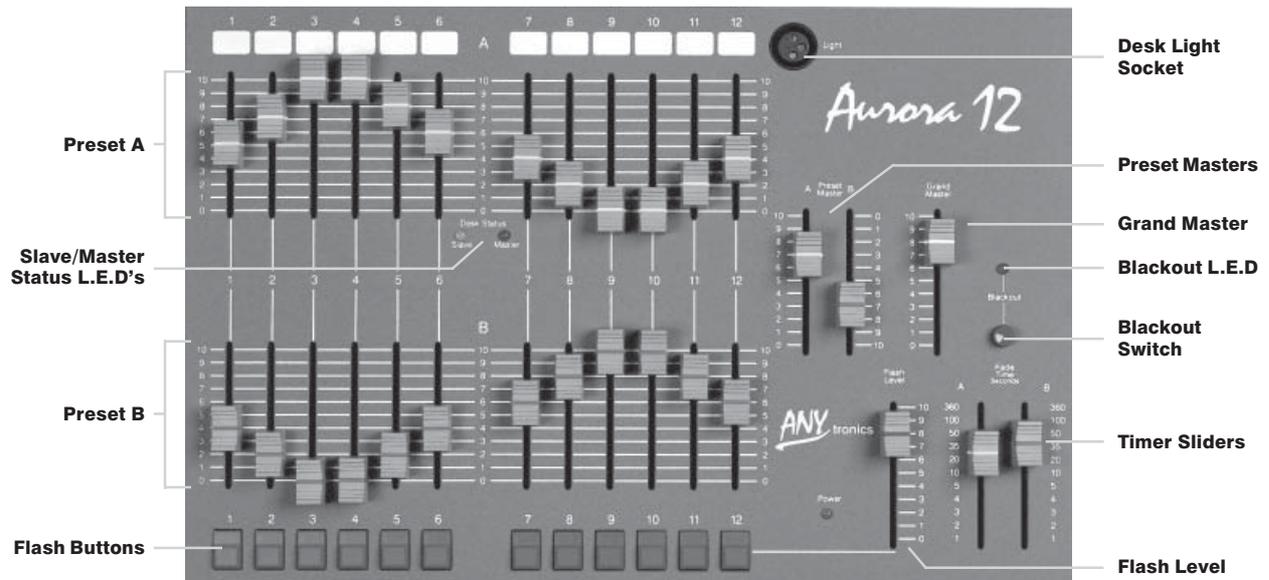


Operating Instructions

Please try and read at least once before discarding!!

DESCRIPTION

The Aurora 12 and Super Aurora 12 are 12 channel 2 preset lighting desks primarily aimed primarily at schools and drama groups. Although budget priced, they have many features normally associated with larger more expensive desks, such as flash level slider, slaving facility and optional goose neck light. The Super Aurora 12 has a range of pre-programmed chase sequences driven from its speed control or by an audio input. The desks are supplied with the sides fitted for table top use, although they can be reversed to allow the desk to be 19" rack mounted.



AURORA 12 Layout and Operation

The layout of the desk is conventional, having preset A sliders directly above preset B sliders, which are positioned immediately above the 12 light action flash buttons.

On the centre line of the A and B presets and to their right are the A and B master sliders. The B master is reverse connected (i.e. B preset is off with B master at the top of its travel), allowing for one handed manual crossfades. Located to the right of the sliders is the grand master slider, which has overall control over both presets. Below and left of the grand master slider is the flash level slider, which controls the level to which the flash buttons take the output of the channel. To the right of this slider are the 2 timer sliders, one for each preset, offering timed crossfades up to 360 seconds. Due to the operating parameters of the crossfade timing circuit the fastest manual crossfade is approximately 0.8 of a second, but as relatively large lamps are usually being controlled we feel that this will not cause a problem. The times shown against the sliders should be taken as a guide only, as the component tolerances in the timing circuits could result in fade times of up to 10% higher than indicated.

Located above the timer sliders is the blackout switch, which turns off the output from the two presets, the output from the flash buttons is not affected by this switch. There are 4 L.E.D's on the panel, one a power L.E.D, two to show the desk status - either master or slave and finally one which will be lit when the desk is in blackout.

INPUT AND OUTPUT CONNECTIONS

Outputs are via two 8 pin ring locking DIN sockets. These carry the DC supply for the desk from the dimming packs. If packs other than Anytronics units are used then a supply of 18 → 25V at a minimum of 70mA will be required to run the desk alone. If the desk light is to be used, a current of at least 200mA will be needed, which can be supplied by two Anytronics packs. If you are using Anytronics packs fitted with the DMX option, then there will only be enough current available to run the desk and not the light, as the DMX cards use some of the available supply. A separate power supply is available from Anytronics which is capable of powering either model of desk, including the light. A DC socket is provided on the desk for the P.S.U.

Two 5 pin DIN sockets are provided for slaving in - out connections, along with a selector switch. On a desk in 'slave' mode, only the preset sliders and flash buttons will operate, all other functions being controlled by the 'master' desk. There is a limit to the number of desks which may be slaved, however, as this figure is in excess of 50 units it hardly seems worth mentioning!

For easy identification, all sliders controlling preset A are marked with a yellow pointer and all sliders controlling preset B are marked with an orange pointer.

continued...

SUPER AURORA 12 Layout and Operation

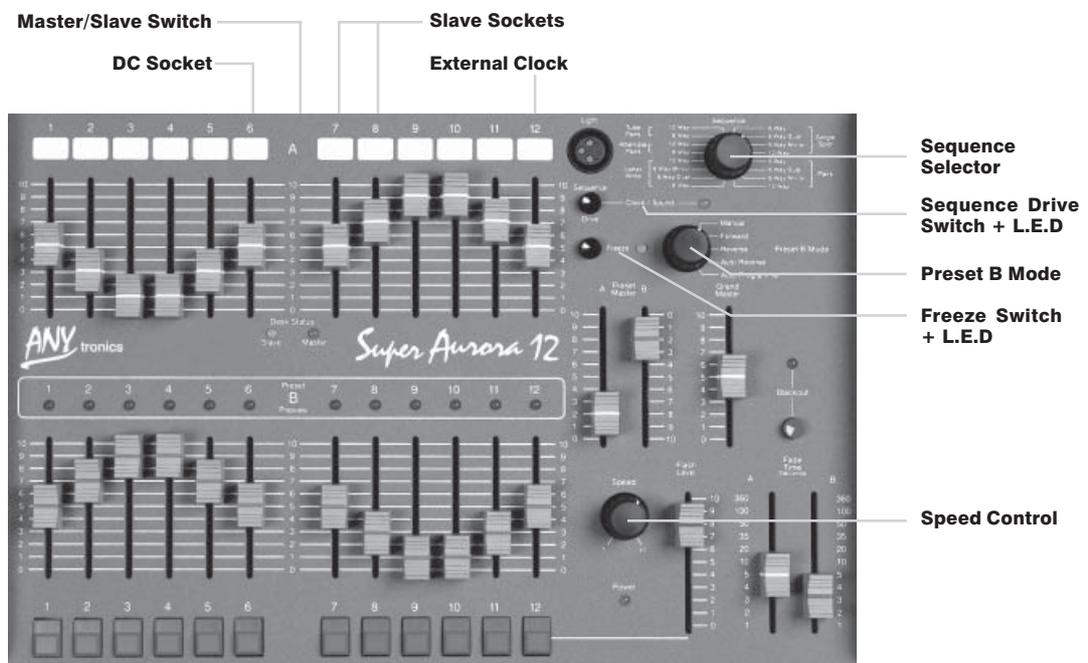
The Super Aurora 12 has all the features of the Aurora 12 but with the addition of a range of pre-programmed sequences available on preset B. This allows a 'twinkle' effect to be generated if preset A is used to set a background level.

Primary control of preset B is via the mode switch which gives forward, reverse, auto reverse, auto programme or manual (normal) operation. In any of the sequence direction positions the L.E.D.'s above preset B sliders will be lit to show the signal status available on that preset. In 6 channel sequences the L.E.D.'s above channels 7 → 12 on preset B will be on continuously, thus indicating that this half of the desk can be used as a normal 2 preset desk.

With the mode switch in manual, the L.E.D.'s will be unlit but the desk will function as the Aurora 12. (There is an internal connection which can be made to light the L.E.D.'s in this mode if desired. Please consult Anytronics if this is required).

Selection of sequences is by the sixteen position switch and the speed of chase is controlled either by the speed control located to the right of preset B sliders or by the base beat of the music if an Audio input is connected. A switch selects between internal and sound driven with an associated pulsing L.E.D. This L.E.D. will pulse even if the desk is being used in manual mode and it can be used to drive a second Super Aurora 12 via the 5 pin slaving lead. (The desk need not be in slave mode for this function to operate). This feature allows two desks to be synchronized even if they are running different sequences. A jumper plug accessed at the rear of the desk (using a pair of fine nose pliers) disables the second desk's internal clock and allows it to be driven from the previous desk.

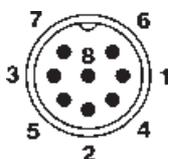
A further switch and L.E.D is provided to freeze the chase in either clock or sound mode. (If the speed control is set to its minimum the freeze switch may be used to 'bump' the sequence along as on release the chase will restart immediately).



Technical Specification

	AURORA 12	SUPER AURORA 12
Power Requirements:	+18V to +25V DC @ 70mA Desk Only +18V to +25V DC @ 200mA Inc, Light (100mA is available from an Anytronics D605/D610 Dimming Pack, this is reduced to 60mA if the pack is fitted with DMX)	+18V to +25V DC @ 120mA Desk Only +18V to +25V DC @ 220mA Inc, Light
Output Analogue Only:	0 to +10V	0 to +10V
Replacement Lamp for Desk Light:	24V 0.12A T3¼ MBC Lamp	24V 0.12A T3¼ MBC Lamp

Pin Configuration



PIN	CHANNEL
1	1
2	2
3	3
4	4
5	5
6	6
7	Supply
8	0V Ref

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