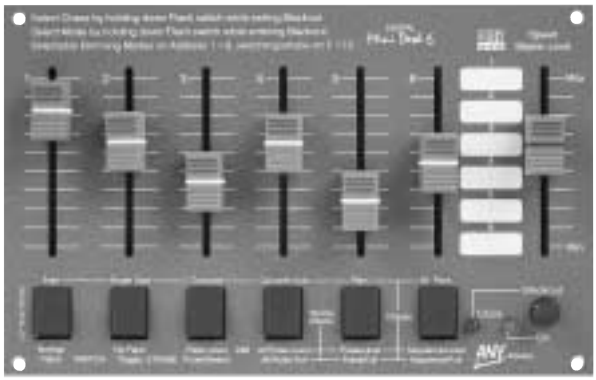
ANY

Professional

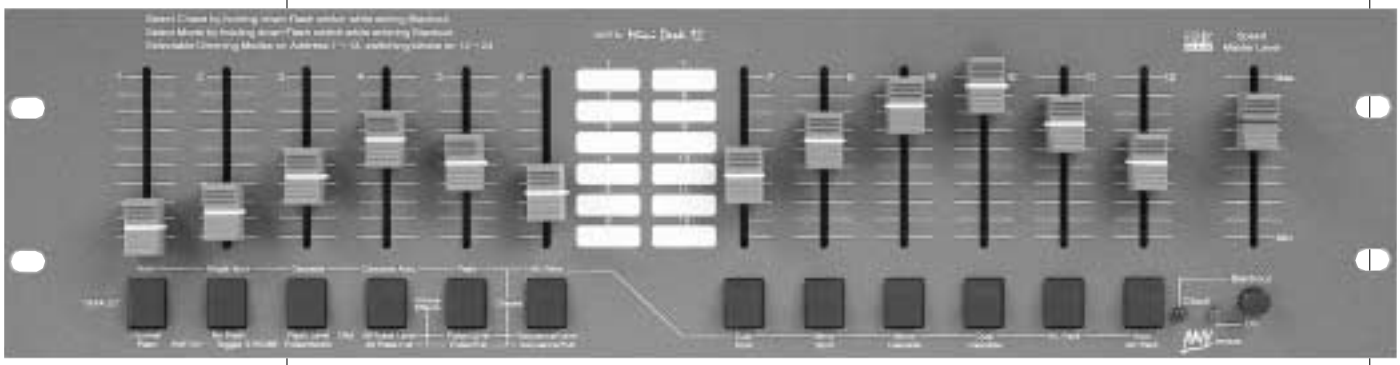
DMX Mini-Desk 6 & 12 Lighting Desks

Multi-function DMX gives you all these from just one desk!

● A single preset desk ● A chaser ● A switch panel ● A strobe controller



DMX 512



Mini Desk 6 & 12

The DMX versions of the Mini-Desk 6 and Mini-Desk 12 have a similar multi-function output to that of the Crossfade 8. Although they are not programmable they are far more than single preset manual desks with DMX output. The Mini-Desk 6 uses 138 channels of DMX while the Mini-Desk 12 uses 276.

The output functions range from basic desk operation found on output 1 (address 13 → 18 on the Mini-Desk 6, 25 → 36 for the Mini-Desk 12) channel slider + master level = output level with the flash switches overriding to full output; through versions where the flash switches are available over a different block of addresses and may be used to toggle on and off to drive the channels of a switch pack.

All these functions are available all of the time in blocks of 6 or 12 channels, therefore the function of the desk is decided by the DMX address setting on the equipment to which it is connected.

Outputs 16 → 21 are all chases, some aimed at dimming packs where the sliders effect the level of each channel, to others aimed at switching packs where the sliders have no effect. Those shown having a 'half period pulse' are particularly suitable for strobes or strobe like effects.

There are sixteen different chase patterns which can be called up using the flash switches as described on the front panel. The 'auto' switch is used to 'hold' a pattern when there is not a dedicated flash switch available. In chase mode the master slider becomes the speed control. Two LED's are fitted which indicate both clock rate and desk status either blackout or on.

Clearly to try to use all of these functions at the same time would be impractical as both sliders and switches have different functions at different addresses. There are however a number of functions which lend themselves to being used on the same piece of equipment, such as the ability to select between dimming and chasing modes on a dimming pack. To this end we have chosen a range of operation modes assigned to each flash switch which can be called up over the same address block.

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Operation modes are selected by holding down the designated flash switch whilst entering blackout, whereas chases are selected by holding down the designated flash switch on exiting blackout. The operation modes are divided into two sections, those suitable for use with a dimming pack, and those more suitable for switching or strobe effects. The dimming pack selections are available over addresses 1 → 6 on the Mini-Desk 6 (or 1 → 12 on the Mini-Desk 12), while the switch/strobe selections are available over 7 → 12 on the Mini-Desk 6 (or 13 → 24 on the Mini-Desk 12).

The desks are unable to remember the last chosen selection when the power is removed, therefore they will power back up on the default settings which correspond to flash switch one. We believe this product is unique in its use of DMX, and it will find a home in a number of applications where its versatile operation and ease of use puts it ahead of its rivals.

	DMX address for 6-way desk		DMX address for 12-way desk	
For dimming	1-6	000000001	1-12	000000001
For switching	7-12	000000111	13-24	000001101
Outputs affected by 'Flash' buttons				
For dimming	13-18	000001011	25-36	000011001
For dimming	19-24	000010011	37-48	000100101
For dimming	25-30	000011001	49-60	000110001
For dimming	31-36	000011111	61-72	000111101
For dimming	37-42	000100101	73-84	001001001
For dimming	43-48	000101011	85-96	001010101
For dimming	49-54	000110001	97-108	001100001
For switching	55-60	000110111	109-120	001101101
For switching	61-66	000111101	121-132	001111001
For dimming	67-72	001000011	133-144	010000101
Outputs not affected by 'Flash' buttons				
For dimming	73-78	001001001	145-156	010010001
For dimming	79-84	001001111	157-168	010011101
Outputs pulsed at rate set by Master				
For switching	85-90	001010101	169-180	010101001
For strobe	91-96	001011011	181-192	010110101
For dimming	97-102	001100001	193-204	011000001
Outputs sequenced at rate set by Master				
For switching	103-108	001100111	205-216	011001101
For dimming	109-114	001101101	217-228	011011001
For switching	115-120	001110011	229-240	011100101
For dimming	121-126	001111001	241-252	011110001
For dimming	127-132	001111111	253-264	011111101
For dimming	133-138	010000101	265-276	100001001

SW1	SW2	SW3	SW4	SW5	SW6
1	12	5	15	17	19
8	9	14	13	16	18

Output No.	Normal Output	with 'Flash' Pressed
1	Lv x M	Full
2	Lv x M	Zero
3	Lv	Full
4	Lv	Zero
5	Lv	Master
6	Zero	Lv
7	Zero	Master
8	Zero	Full
9	Zero	Full (Latched)
10	Zero	Lv (Latched)
11	Lv	No action
12	Lv x M	No action
	Normally	**During Clock Pulse**
13	Zero	Full
14	Zero	Full*
15	Zero	Lv
	Sequence Low	**Sequence High**
16	Zero	Full (1/2 period pulse)
17	Zero	Lv (1/2 period pulse)
18	Zero	Full (Full period pulse)
19	Zero	Lv (Full period pulse)
20	Lv	Full (Full period pulse)
21	Lv	Zero (Full period pulse)

*(only when channel switch is depressed)

Mini-Desk 6 Technical Specification

Power Supply: 9→25V DC greater than 100mA
Connection: Screw terminals & DC socket
Output: DMX 512 138 Channels
Pin 1 = OV, Pin 2 = –, Pin 3 = +
Connection: 5 pin female XLR & screw terminals
Panel size: 211.5 x 133mm (Mod 3)
Cutout size: 195 x 112mm
Depth behind front panel: 65mm
Net weight: 0.85Kg

Mini-Desk 12 Technical Specification

Power Supply: 9→25V DC greater than 100mA
Connection: Screw terminals & DC socket
Output: DMX 512 276 Channels
Pin 1 = OV, Pin 2 = –, Pin 3 = +
Connection: 5 pin female XLR & screw terminals
Panel size: 483 x 133mm (19" x 3U)
Cutout size: 405 x 112mm
Depth behind front panel: 40mm
Net weight: 1.45Kg

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