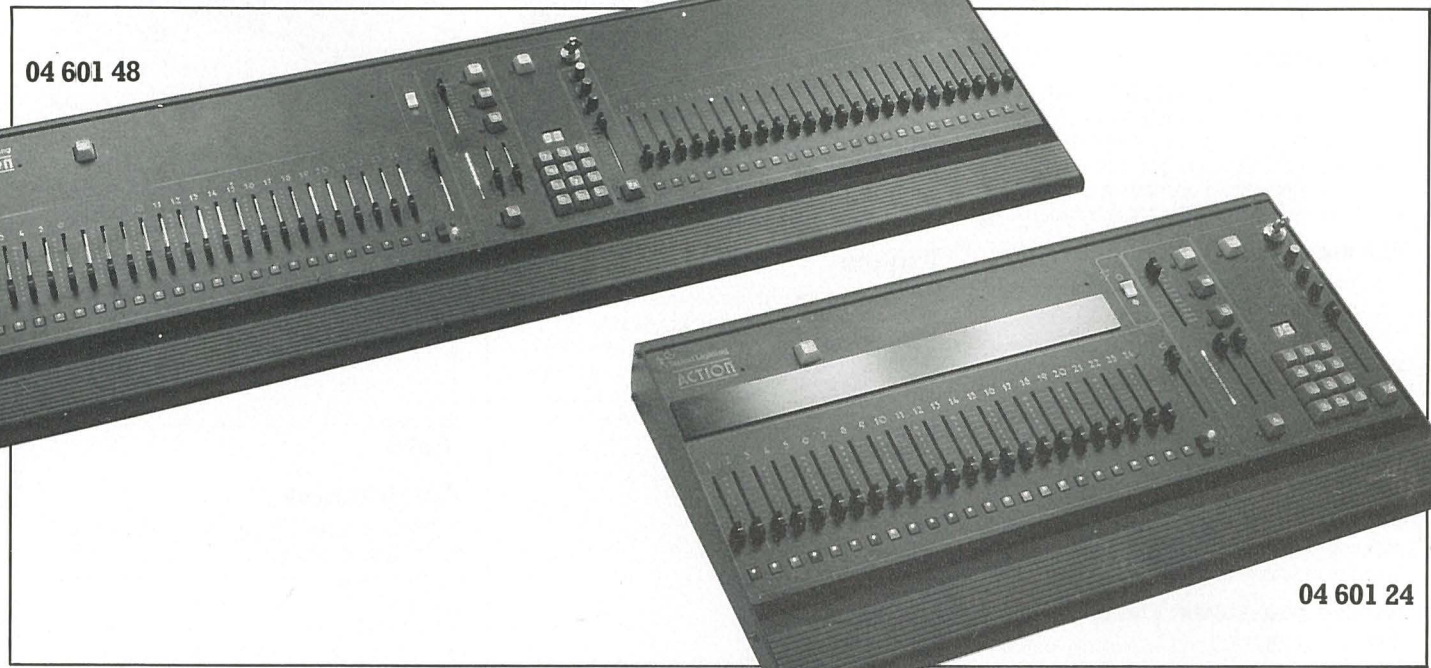


# Action

## 24 and 48 channel memory lighting control system



04 601 48

04 601 24

A small memory system but with many capabilities, ACTION 24 and 48 have been specially designed for operation with Strand's ACT range of portable multiplexed dimmers, or with any standard analogue dimmer through use of demultiplexer. For smaller theatres and studios, touring companies and amateur productions, Action offers professional standards of memory lighting control at an affordable cost. The compact and attractive consoles are ruggedly built for hard service and tough touring conditions. Of all-metal construction, finish is in matt black with powder blue signing. The front rail extrusion is shaped to act as a carrying handle.

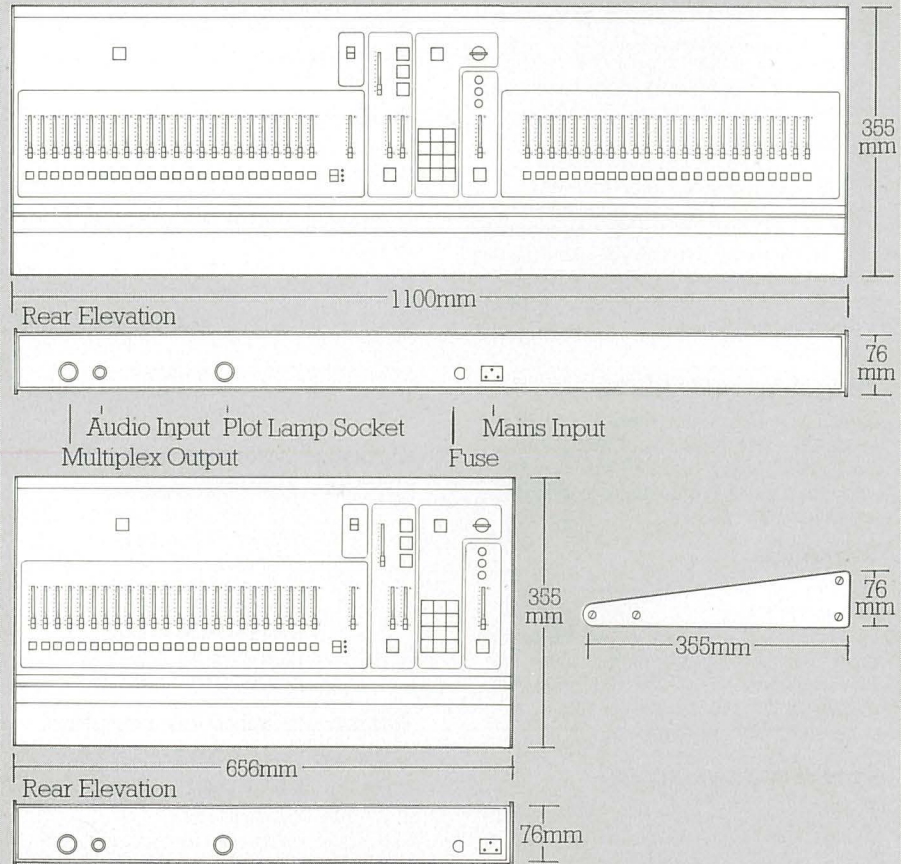
**Action** special features:

- 24 or 48 channels
- 99 memories
- Channel flash buttons with integral LEDs
- Split dipless crossfader
- Fade time controller
- Digital keypad with LED display window
- Nine special effects, including sound-to-light
- Special effects speed control
- Record lock keyswitch
- System diagnostics
- Multiplex output
- Optional plug-in plot lamp

<b>Item Numbers</b>	Action 24	04 601 24
	Action 48	04 601 48

### Dimensions

Scale 1:10



### Weight

Packed Weight : Action 24: 9.9 kg  
 Action 48: 12.3 kg



# Action

## 24 and 48 channel memory lighting control systems

### Specification

#### Channel faders

Each of the fader potentiometers is identified by number, and operates over the scale shown of 0 - 10. Lighting scenes set by the manual faders can be recorded in any one of the 99 memories.

#### Flash buttons

Pushbuttons with integral LED for each channel provide flash-to-full, flash-to-off, or are inactive, as selected by a 3-position toggle switch. LEDs also indicate active channels in a running effect or in a pre-recorded memory prior to modification.

#### Master fader

This provides proportional control of the output of the channel faders and active effects.

#### Keypad

Calculator-type keypad has numbers 0-9, Clear and -1 functions, for selection of memory and effects numbers for recording and playback. A 2-digit LED window above the keypad displays the selected memory or effect number, the display also indicates that channels with levels are present in the memory or effect number.

#### Record pushbutton and record lock

Pushbutton with LED and an audible 'bleep' records the lighting state in the selected memory. A removable key locks the recording and prevents unauthorised use.

#### Modify

Memories and effects may be re-recorded in blind mode by the Modify pushbutton. Active channels in a selected memory are indicated by the flash button LED. Their levels can be adjusted up or down and then re-recorded by pressing Modify a second time.

#### Split crossfader

The split handled dipless crossfader provides 2-scene preset control where either or both the A and B presets are active. Each has a memory transfer pushbutton with LED to indicate the presence of a loaded memory. Memory playbacks operate on the 'highest takes precedence' principle with the manual faders.

#### Fade time controller

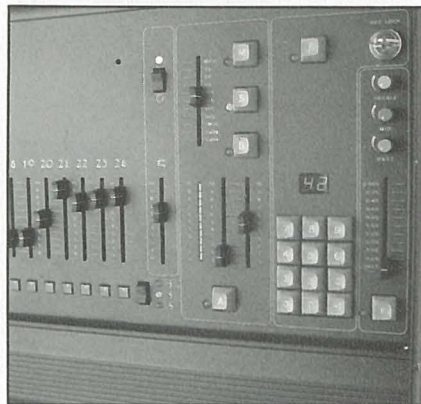
Timed crossfades can be selected in the range two seconds to five minutes using the fade time potentiometer. Manual operation is set at the top of the scale. Preset fade times are adjustable any time.

#### Sequence

With the Sequence pushbutton on, the memory number in the LED display increments automatically after each record push in preparation for the next scene. In Playback Mode, Sequence loads the next memory into the dark preset at the completion of a crossfade.

#### Power requirements

220/240 volts AC, 50 Hz, mains. 100 - 120 volts AC, 60 Hz available as an option.



#### Effects

Each of the nine programmable effects can contain up to 48 steps and any number of channels per step. Effect running speed is set on the FX speed potentiometer, and may be modified at any time. Fade in and fade out times can be set on the fade time potentiometer. Effects include:

- Four Chases
- Cycle
- Random
- Flicker
- Sound-to-Light
- Bass Beat

The four programmable chases permit positive (forward), shadow (negative) and build type effects to be created. Sound-to-Light modulation control is provided by three potentiometers.

#### Memory Clear

When pushed simultaneously with the Record pushbutton, this function allows a selected memory or all memories to be cleared.

#### Back-up

Memory is retained for a minimum of seven days if there is a power failure. With mains power supplied, the faders remain active in the unlikely event of failure of the central processor.

#### System diagnostics

A self-diagnostic programme tests all internal memory locations, multiplex output, displays and other major areas of the system. The LED window reports any faults using eight specific error codes.

#### Optional Accessories

- 04 601 00 Action Demultiplexer  
0 to -10v control (via silicon diode and 10k resistor)  
convertible to +10v control.  
Switch selectable to control dimmers 1 to 24 or 25 to 48.  
Supplied with mains lead.
- 08 601 04 High intensity gooseneck plot lamp for Action desk.

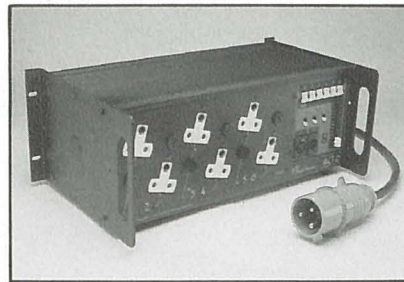
#### Action consoles are supplied with the following:

- 07 255 83 2m AC mains cable
- 07 255 59 5m data cable
- 08 604 24 Dust cover for Action 24 or\*
- 08 604 48 Dust cover for Action 48\*

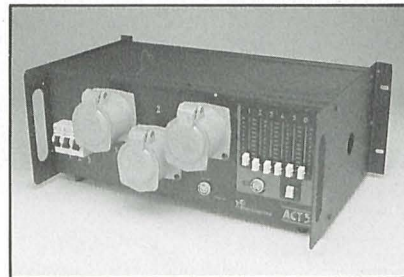
\*Dust covers supplied as standard from January 1989.



Strand Lighting



Act 6



Act 3

#### Act dimmers

ACTION has been designed to complement the ACT portable dimmer range. Rugged lightweight and compact, ACT 6 is equipped with six 10 amp dimmers and offers a selection of output sockets. ACT 3 is housed in the same size aluminium case and provides three 25 amp dimmers. Both ACT 3 and ACT 6 offer local control panels and a choice of Multiplex or Analogue control inputs. All dimmers in the ACT range are designed to meet BS800 and VDE0875. Further information is available on request.

#### Item Numbers

##### Act 3

- 04 031 14 Act 3 analogue, CEE 17  
32 amp sockets, single phase.
- 04 031 34 Act 3 analogue, CEE 17  
32 amp sockets, three phase.
- 04 031 16 Act 3 multiplex, CEE 17  
32 amp sockets, single phase.
- 04 031 36 Act 3 multiplex, CEE 17  
32 amp sockets, three phase.
- 04 031 18 Act 3 slave, CEE 17  
32 amp sockets, single phase.
- 04 031 38 Act 3 slave, CEE 17  
32 amp sockets, three phase.

##### Act 6

- 04 043 04 Act 6 analogue, 5 amp sockets
- 04 042 09 Act 6 analogue, 15 amp sockets.
- 04 044 50 Act 6 analogue, CEE 17  
16 amp sockets.
- 04 044 0T Act 6 analogue, Schuko sockets.
- 04 046 00 Act 6 multiplex, 5 amp sockets.
- 04 045 05 Act 6 multiplex, 15 amp sockets.
- 04 047 50 Act 6 multiplex, CEE17  
16 amp sockets.
- 04 047 06 Act 6 multiplex, Schuko sockets.

The company reserve the right to make any variation in design or construction to the equipment described.

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