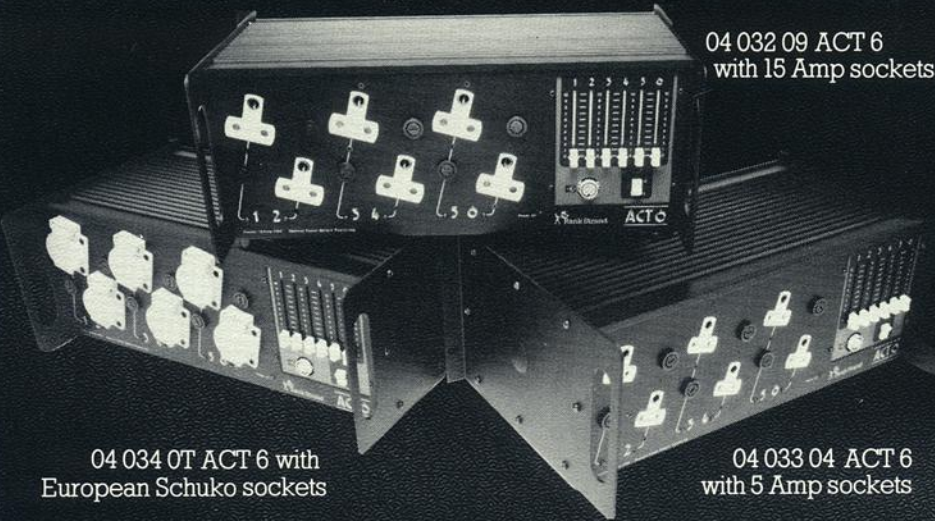


# ACT 6

## COMBINATION DIMMER PACK

Six 10 Amp dimmers with a built-in control panel and the versatility to adapt to any performance lighting need.

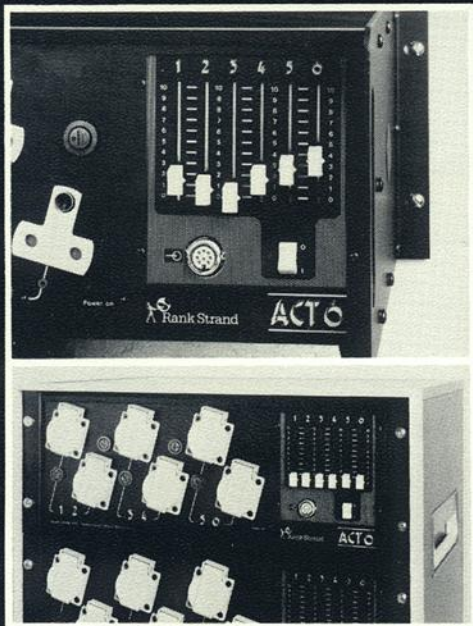


- Small, lightweight and portable
- Integral carrying handles and fixing brackets
- Freestanding or permanently installed
- Easily converted for rack mounting
- 15 Amp, 5 Amp and European variants
- Analogue or multiplex controlled
- Local control for performance or rigging
- Fuse continuity indicators
- Safety thermal cut-out
- Designed for RCCB protected mains supplies
- Meets BS 800 and VDE 0875 RFI limits
- Compatible with the Tempus range of lighting controls

ACT 6 features six 10 Amp dimmers in a compact, and strong, adaptable case. Carrying handles are formed from the side plates which, when reversed, provide the fixings for a standard 19 inch equipment rack.

ACT 6 can be used either as part of a conventional wire - per-dimmer analogue control system, or as a multiplexed dimmer - both options include local control panels for basic lighting without a remote desk, or to save time whilst rigging and focusing.

In the interests of safety, specially chosen fuseholders are incorporated to withstand the harshest treatment, a thermal cut-out protects the dimmer from overloading and LEDs on the front panels indicate the status of the fuses and the power to the pack.



### FREESTANDING PORTABILITY

ACT 6 is completely self-contained with an extruded case section forming the main heatsink enabling the pack to be used in any well ventilated convenient position.

### WALL MOUNTING

The rear flange of ACT 6's side plates includes holes for mounting the dimmer pack directly on a flat surface.

### RACK MOUNTING

By simply reversing the side plates and putting the mounting flanges to the front, ACT 6 is transformed into the ideal component for a touring dimmer rack.

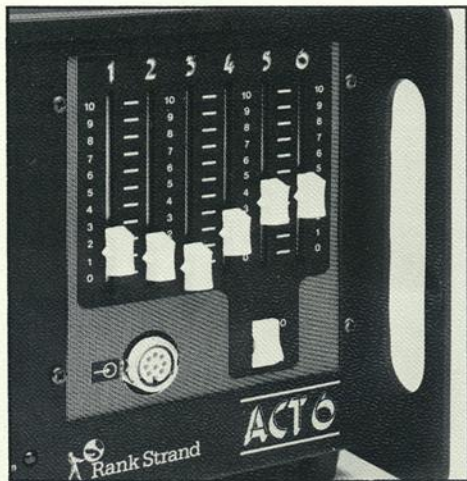


Rank Strand



# ACT 6

## ANALOGUE CONTROL



The standard version is compatible with any control desk from the Tempus range, and also may be controlled from all Rank Strand's current range of desks.

Six faders are provided on the front panel to control each dimmer individually if a remote desk is not required, or for checking the circuits during the rigging of the spotlights. A small rocker switch

disables the faders when control is transferred to a remote desk for the performance.

Any analogue ACT 6 can be converted easily to the multiplex version by replacing the fader panel with the alternative supplied in the multiplex conversion kit.

## MULTIPLEX CONTROL

Tempus M24 and Gemini memory controls produce a multiplexed output which uses a twin screened cable to transmit data to all the dimmers in the system. This data signal may be decoded by the M24 standard demultiplex units into a suitable form for the analogue ACT 6; alternatively, the twin screened cable can be connected directly to the multiplex version of ACT 6.

The multiplex option of ACT 6 can be selected to decode any consecutively numbered group of six channels controlled by the memory system. One of the advantages of this method of control is that many dimmers can be selected to the same control

channels, thus expanding the lighting rig accordingly.

The compact design of ACT 6 plus the flexibility of multiplexing means that these dimmer packs are ideal for distributed temporary rigs in large locations where load cables are at a premium, particularly as ACT 6 multiplex also provides local control for each dimmer.



## Specification

### Size:

Width 483mm, height 188mm, depth 275mm.  
(packed 630 x 330 x 500mm)

### Weight:

9kg. (packed 11kg)

### Dimmers:

Six 10 Amp triac controlled dimmers. Single adjustment of all full level settings, automatic zero compensation.

### Outlets:

One per dimmer, with a variety of UK and international outlets available including 3-pin 15 Amp or 5 Amp (to BS546), and 2-pin and scraping earth European Schuko.

### Input:

220/240v 50/60 Hz single phase (5A & 15A) or three phase (Schuko). Max input conductor size 16mm<sup>2</sup>, 32mm and 25mm knockouts for cable access. ACT 6 design meets international earth leakage regulations.

### Output:

Individual tungsten load per dimmer is 10 Amps. Total continuous load 45 Amps.

### RFI Suppression:

BS 800 and VDE 0875

### Fuses:

ACT 6 (5 Amp): 5 Amp HRC 20mm x 5mm fuses.  
ACT 6 (15 Amp & Schuko): 10 Amp HRC 32mm x 6.3mm fuses.  
Control Circuit: 100mA Antisurge 20mm x 5mm fuses.

### Control input:

Either analogue 0v (off) to -10v (full on) via 10k ohm resistor and diode. Control connector is Tempus desk compatible 8 pin Bleecon. Or, multiplex to Rank Strand Dimmer Multiplex Standard D54, compatible with Tempus M24 and Gemini Memory Controls. Control connections via 2 core screened cable and 3 pin XLR connectors. First dimmer in any pack can be selected to decode any channel number in the system.

### Rack mounting:

Standard 19 inch rack mounting fixings. ACT 6 rack height 5U 222mm (8.75 inches) including ventilation gap per pack.

### Item numbers:

#### Standard Analogue Control

04 032 09 ACT 6 15 Amp outlets single phase  
04 033 04 ACT 6 5 Amp outlets single phase  
04 034 0T ACT 6 Schuko outlets three phase

#### Multiplex control

04 035 05 ACT 6 15 Amp outlets single phase  
04 036 00 ACT 6 5 Amp outlets single phase  
04 037 06 ACT 6 Schuko outlets three phase

A full range of control desks, accessories and spares is available

### Local control:

Analogue versions include a fader per dimmer with isolating master switch. Multiplex option provides single master level fader with on/off selector switch per dimmer.



Rank Strand Limited,  
P.O. Box 51, Great West Road,  
Brentford, Middlesex TW8 9HR,  
United Kingdom  
Telephone 01-568 9222. Telex 27976.

## Area Stockist

# STAGE ELECTRICS

Cofton Road Marsh Barton Exeter EX2 8QW (0392) 55868  
9 Victoria Road Avonmouth Bristol BS11 9DB (0272) 827282  
3 Pike Road Plymouth PL3 6HF (0752) 660757

The Company reserves the right to make any variation in design or construction to the equipment described.