

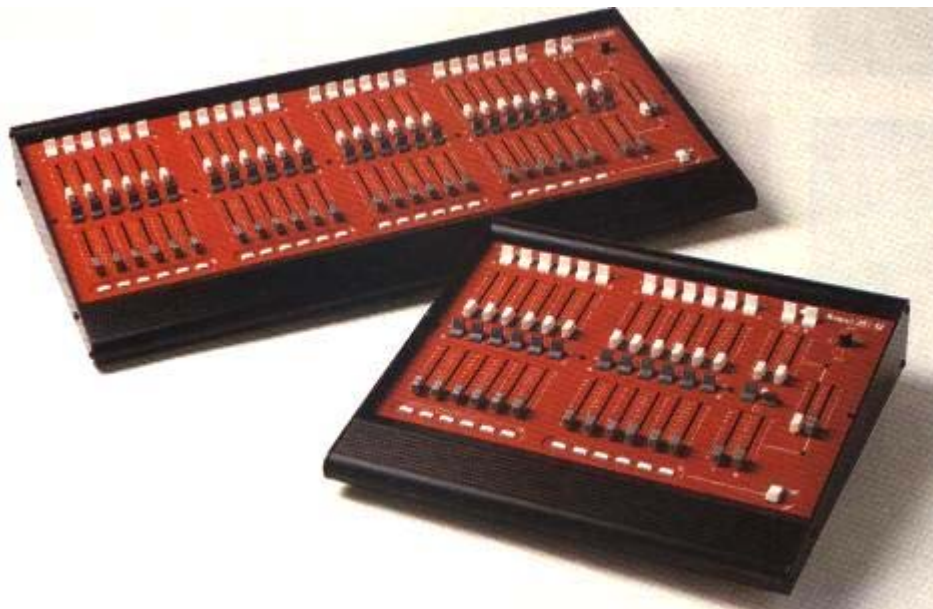
Tempus

Packaged Lighting controls for 6, 12, 18, 24, 30 or 36 channels



Tempus 2-preset desks and Tempus portable dimmer packs combine to form the most comprehensive range of portable plug-together lighting controls for up to 36 or more control channels.

Tempus desks can also be interfaced with Permus dimmer racks for permanent installations, similarly Tempus dimmer packs are compatible with AMC or other Strand current and recent control systems.



Tempus Desks

Tempus 2-preset desks are manufactured for 12, 18, 24, 30 or 36 control channels all with the same facilities and varying only in overall length to accommodate the number of channel faders. All sizes are normally available for off-the-shelf delivery including the extension desk. without duplicated master faders, which simply plugs into any other Tempus desk to provide another 12 control channels.

All other Tempus 2-preset desks have a single, split crossfader for dipless and profiled proportional

crossfades between the intensity levels set on the two presets of channel faders. Presets can be piled-added too, with the highest level taking precedence. In addition the rotary control allows crossfades to be automatically timed between 5 seconds and 5 minutes.

The Tempus range also includes a 6-lever control box complete with master fader to control just a minimal 6 channels and Discoplus desks for 3-channel sound to light and chase modulation. The 6-channel Discoplus desk includes individual channel fader and flash pushes; the 18 channel desk has the addition of cycle modulation but is used with any Tempus preset desk for individual channel control. Each Tempus control desk has a 2 metre flexible control cable fitted with an 8-pole, mechanically latching plug for each block of 6 control channels. This plug mates with the control socket provided on the front panel of each Tempus dimmer pack. For remote control each control cable for 6 channels can be extended by a 5 metre or 19 metre control extension cable, complete with the necessary plug and socket. Extra-low voltage power supplies for the desk are derived, through the control cable, from each Tempus dimmer pack. A full range of accessories is available including padded transit covers for any Tempus desk or dimmer pack.

Tempus Dimmer Packs

Tempus portable dimmer packs are built to professional standards of



Act 6 vs. Tempus

| | Tempus | ACT 6 |
|--------------------------|--|--|
| Dimmers | 6 x 10A Thyristor hard-fired for tungsten loads or transformer loads. Continuously rated at full load. 40W minimum load. | 6 x 10A Triac controlled for tungsten loads only. 75% rated with thermal overload protection. 100W minimum load. |
| Installation | Portable, or with optional brackets, wall mounting. | Portable, wall mounting or rack mounting. |
| Outlets | Two per dimmer | One per dimmer |
| Indicators | Incoming supply (one per phase). Fuse continuity. | Control circuit, fuse continuity. |
| Fuses | Reyrolle or Neozed HRC | 32 x 6.3mm HRC |
| RFI Suppression | BS800, VDE 0875. | BS800, VDE 0875. |
| Inductive Filters | Iron cored choke | Toroidal choke. |
| Risetime | Greater than 250ms. | 50µS. |
| Dimmer Law | Linear Power Law | S Law |
| Alignment | Top set per dimmer. | Top set per pack. |
| Variants | 6 x 10A 5A, 15A, Schuko sockets 3 x 20A CEE17 sockets | 6 x 10A 5A, 15A, Schuko sockets. |
| Construction | Separate pcbs for dual dimmer channels, psu, RFI etc. | Motherboard with all electronics, and plug-in local control card. |

safety, reliability and convenience. Each contain either 6 x 10A or 3 x 20A/25A top quality Thyristor dimmers, their associated filters, and power distribution from supply terminals to socket outlets for the connection of the 220/240V tungsten lamp loads.

Internally Tempus 10A dimmers are in a twin module format with filtering to professional theatre standards. 20/25A dimmers are single modules and have even more superior filtering to broadcast audio standards. The temperature stable trigger cards, incorporating automatic bottom set for reliability and safety, are now manufactured with hard-firing for each pair of tungsten surge-rated Thyristors ensuring stable operation with loads as low as 40 watt.

Tempus 10A/C is fitted with twin Schuko outlets for each dimmer channel, Neozed fuses and power distribution for a 3-phase and neutral supply including an earth/ground conductor. The Tempus 10A/15 dimmer pack is fitted with twin 15A 3-pin shuttered socket outlets to each of the six 10A Thyristor dimmer channels and shrouded-contact fuses providing close-excess current protection. Power distribution is for a single phase and neutral supply with an earth continuity conductor. Tempus 10A/5 pack (*not shown*) is similar, but fitted with twin 5A 3-pin shuttered sockets, individually fused, limiting the maximum single tungsten lamp load to 1000W.

Control cable wiring:

Using 8-pin Bleecon
(locking DIN connector)

Pin 1 = Channel 1

Pin 2 = Channel 2

Pin 3 = Channel 3

Pin 4 = Channel 4

Pin 5 = Channel 5

Pin 6 = Channel 6

Pin 7 = Power

Pin 8 = Ground