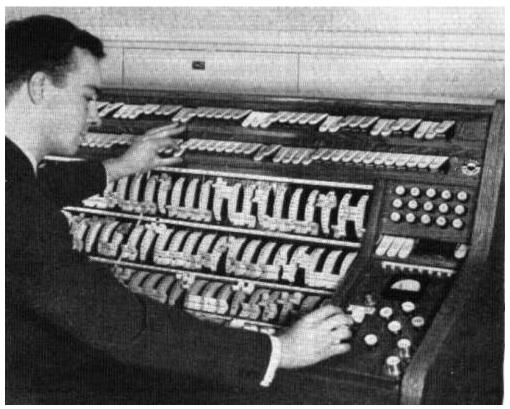
# **System CD Electro Mechanical Remote Control**

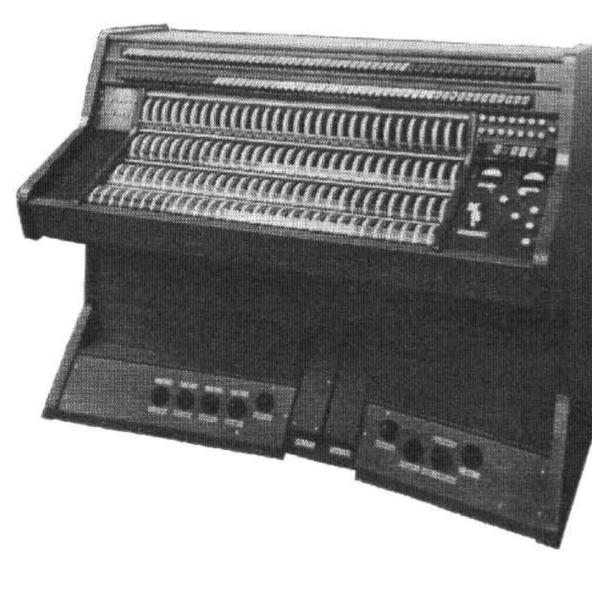


Lyric Theatre, London. Strand 120 channel system CD preset control. This type is to be found in the majority of London's West End theatres.

System CD employs resistance or transformer dimmers electromechanically driven through a clutch servo as described for System PR. The control console is provided with a memory device which stores and instantly recalls groups required for collective operation. This memory device and other

exclusive facilities combine to provide te operator with an instrument capable of executing complex lighting changes in rapid succession in addition to precise presetting of dimmer levels.

The System CD models shown on this page are installed in all up-todate **Theatres** and Television studios in Britain and are also exported. For larger installations Systems CD/W and C are appropriate and are subject to special specification and quotation.

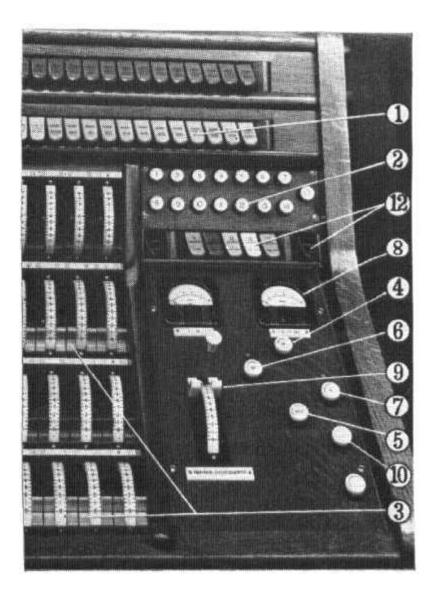


# 1. Channel Selectors

One to each channel. When put down the channel is *selected to change* but will not do so without one of the Master Controls.

2. **Memory Preset Pushes**Any of these 14 pushes pressed while the "Presetter" toe push is pressed will store the combination of Channel Selectors *selected* at that moment. Subsequent use of that push without "Presetter" will always cause the Channel Selectors to move

instantly to the combination



previously stored. A permanent "Cancel" push, which causes all Channel Selectors to spring off, aids selection by hand.

#### 3. **Dimmer Levers**

Two for each channel arranged in separate white and green rows. These Dimmer Levers can be preset for dimming changes involving intermediate intensity levels.

# 4. "Raise" Master Push

Raises *selected* dimmers to full irrespective of the levels preset on the Dimmer Levers.

### 5. "Dim" Master Push

Lowers selected dimmers to out irrespective of the levels preset on the Dimmer Levers. At "second touch" all dimmers fade to zero selected or not.

- "White Preset" Master Push
   Moves selected dimmers to the
   levels preset on the white Dimmer
   Levers. At "second touch" all
   dimmers move to their preset levels.
- 7. "Green Preset" Master Push
  Moves selected dimmers to the
  levels preset on the green Dimmer
  Levers. At "second touch" all
  dimmers move to the preset levels.

#### 3. Indicator Dial

When a dimming change is initiated the progress and rate of change is shown on the Indicator Dial. If any Channel Selector is pressed to "second touch" the Indicator Dial shows the actual level of that dimmer.

## 9. Master Dimmer

When added to a "Preset" master this applies a proportional reduction to the levels of *selected* dimmers.

# 10. "Blackout" Master Push

All channels are automatically held "switched on" as the changes normally concern the dimmers. This push will blackout any *selected* channels. To restore to "on" the adjacent "All Trip" push is used. 12. "Dead Blackout" *All* channels, selected or not, are switched off when the switch is down.

# **Group Couplers**

Normally these are kept down but they can be put up to limit a change to a particular group (such as F.O.H. spots).

• "Remainder Dim" (cross-fade)
This toe push is interlocked with the

"Raise" and "Preset" masters and causes selected dimmers to change as described above but at the same time the remainder will fade out although their Dimmer Levers may be preset for future changes.

## "Speed Pedal"

The Speed Pedal, which is balanced to stay at any position when the foot is removed, determines the speed of all dimming changes. Speed range 2 seconds to 45 seconds shown on indicator lamps. Slower speeds down to 30 minutes by means of Impulse Unit.

# • "Individual" Toe Push

If a Channel Selector is pressed to "second touch" at the same time as the "Individual" toe push then that dimmer only will come under immediate control.

### • "Go" Master Push

For Television requirements the channels are normally held "switched off" and *selected* channels are "switched on" in the same manner.

## CONTROL CONSOLE

Constructed in hardwood mahogany or oak finish with 14 store memory device and supplied with nominal 100-ft. preformed control cable in metallic hose.

### **DIMMER BANK**

Generally as described for <u>System PR</u>, but including eight 2kW. max. transformer dimmers. The same Dimmer Variations apply.

Console and Dimmer bank for 96 dimmer channels

Type CD/96 Console: 60-in. width,  $32\frac{1}{2}$ -in. deep,  $50\frac{1}{4}$ -in. high, weight  $5\frac{1}{2}$  cwt.

Bank: 19-ft. wide, 3-ft. 8-in. deep, 7-ft. 10-in. high, weight 45 cwt.

Console and Dimmer Bank for 120 dimmer channels.

Type CD/120 Console: 66-in. width, 32½-in. deep, 50¼-in. high, weight 6 cwt.

Bank: 20-ft. 6-in. wide, 3-ft. 8-in. deep, 7-ft. 10-in. high, weight 55 cwt.