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Fitting more memory to an Echelon

The amount of show memory fitted to an Echelon as delivered from the factory is satisfactory for most shows. However in some circumstances this may be inadequate. Examples of such circumstances are:

- When a large amount of blocking cues are required
- When a large number of cues or cuelists are required

In such circumstances additional memory may be fitted to the console. Note that fitting extra memory to the console will not improve performance.

The amount of free memory can be seen at any time by pressing the "Setup" button, followed by the "Panel" button in the toolbar. The free memory will be displayed near the centre of the main LCD.

Parts required

Four by 4Mbit Static RAM ICs are needed. These may be obtained from Jands service Department or authorised dealer. The following parts have been tested and found to be suitable:

- Hitachi HM628512LP-7
- Hyundai KM684000BLP-5L

Note that other parts may be suitable as substitutes. Contact the factory if in doubt.

Procedure

1. Save any show information
2. Switch off the console
3. Remove the base
4. Locate empty sockets IC20, 21, 22, and 23 near the centre of the CPU card
5. Insert the extra RAM ICs, noting orientation marks on the PCB
6. Set DIP switch #2 on
7. Hold the Enter button down while turning power on
8. Press 1 to select "Clean Start"
9. Reload any show information