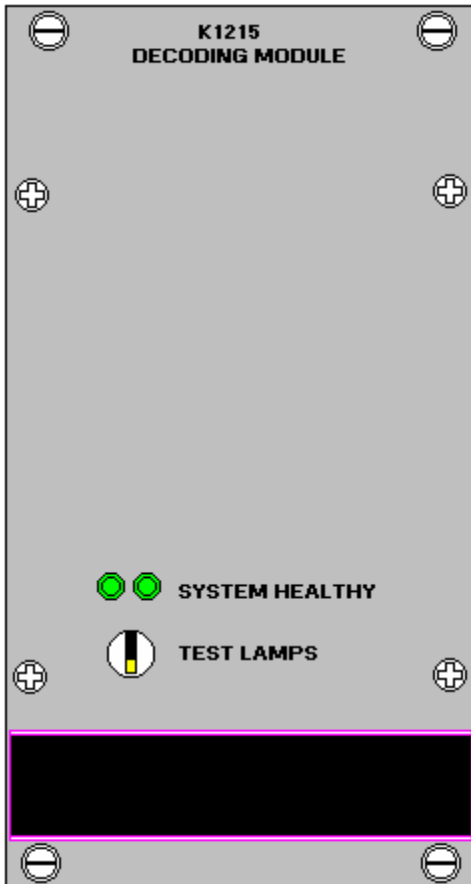


# K1215 Decoding Module



The K1215 decoding module manages communication between sub-rack function modules and the common control module.

The second and all subsequent racks in an R3 system are fitted with K1215 modules. Data to and from the common control module are routed via the decoding module.

When the decoding module is operating normally its green 'System Healthy' indicators are lit. If communication via the decoding module ceases, the green indicators extinguish and the common control module indicates 'Card Removed' due to its inability to communicate with the modules in the affected rack.

The K1215 module carries a 'Test Lamps' switch. Operation of the switch causes all indicators on the rack modules to light while the switch is depressed.

The K1215 module carries an internal 4 way DIL switch which is used to set a unique rack address (in a binary format). The common control module address is always 0 and the decoding modules may be addressed 1 to 14 as required for the number of racks in the system