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List of changes between MAX controller and R2 controller.

The MAX controller has been FCC aproved on November 25 1997.
The R2 controller is a clone of the MAX product.

Changes:

The super-regenerative hybrid receiver RX1010 has been replaced by a super-heterodyne monolytic receiver KESRX01.

A second relay has been added to the one existing relay. Since the lack of an extra microprocessor pin to drive this second relay, A D-flip flop has been added to decode the relay on/off signals.

The RBC control has changed. The Maglock and the relay option has been removed, eliminating jumpers J2 and J3.

Additions:

Front end SAW filter is added to improve the out of band noise rejection.

Front end preamplifier is added to compensate for the SAW losses.

Variable threshold slicer is added at the receiver output to allow to set a minimum recognisable signal strenght.

DTMF decoder MT3371BS with read write logic is added to decode incoming signals from the keypad.