



tech bulletin

No: E2039tb

INFORMATION FOR DISTRIBUTORS

TO: ALL RAULAND EDUCATIONAL DISTRIBUTORS - U.S. & CANADA

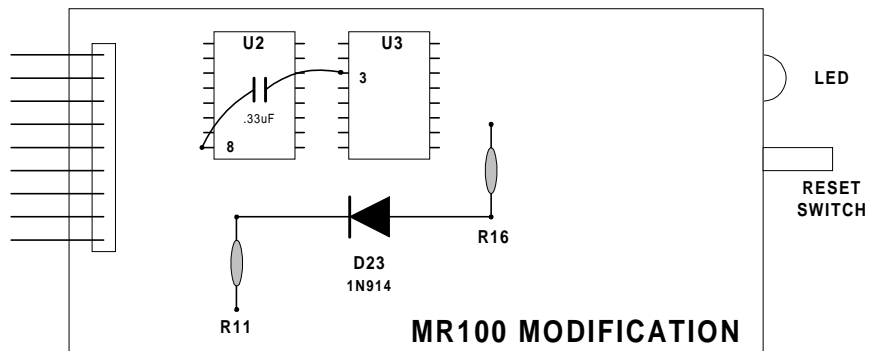
SUBJECT: MR100 FIELD PROBLEMS

Two potential field problems have been identified in the use of the MR100 Telemedia Controller.

Item #1 - The MR100 produces a feedback tone signal to the user indicating that a connection has been made to the MR100. In some cases, this signal may be misinterpreted by the MR100 as a valid DTMF tone. When this occurs, an unintended command can be initiated (e.g. a VCR or Laser Disk Player may spontaneously stop or go into fast reverse). This problem has been resolved in units shipped from Rauland since 7/1/95. If your system is displaying similar symptoms a modification can be made to the MR100 to correct it.

The change involves the following:

1. Add a 0.33 uF capacitor (C16) directly across the DTMF receiver (U2) from ground (pin 8) to +5V (U3 pin 3)
1. Add a 1N914 diode (D23 from the bottom leg of R16 (anode) to the top of R11 (cathode)).



Item #2 - The most recent model of RANVCR is the Panasonic AG1300-P. In some cases, the universal remote used on the MR100 may not accept the code for the current model of RANVCR (code 162). When this occurs, the MR100 will not properly provide control of this particular model of VCR. If you are experiencing problems programming the MR100 to control this model of VCR please contact Rauland-Borg technical support for upgrade information.

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