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**Sienna Construction Note**  
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New firmware releases

**New main microprocessor firmware release A.01.22**, available for download at [www.dzkit.com/amateur.htm#Firmware](http://www.dzkit.com/amateur.htm#Firmware), fixes the following bugs:

- \* Scan increment and dwell selections in the menu not allowing some settings
- \* Message1 turnon does not initialize hardware properly
- \* Remote control command "CB;" does not work
- \* No command available to select receive antenna  
(Added "AR1;" = Tx antenna, "AR2;" = Rx antenna)
- \* Most RS-232 commands do not save modified memory settings
- \* Preampl/atn settings not saved on power off
- \* LO's not programmed to correct side of roofing filter for some modes (fix improves close-in BDR, IMDDR3 specs, improves "even-ness" of LSB vs. USB modes)

**New Keyer firmware release A.01.01** had one bug fixed which prevented the "TX;" and "RX;" commands from functioning correctly. The keyer microprocessor is not user-reprogrammable. If you need this defect fixed, you have two options:

1. Return the front panel assembly, including the controller board, to the factory for reprogramming. (You can just remove the controller, but on models with front panels, it is easier to remove the entire front panel.) There is no charge for this other than shipping costs. Please insure the shipment for \$500.
2. Buy the \$70 Atmel STK500 and install AVR Studio 4 from the Atmel website. This will allow you to download new code into both microprocessors without using the RS-232 port. Call or email us for details.