



DigiKeijs DR5000 settings for reliable LocoNet® communication

Some users are trying out the DigiKeijs DR5000 command station and have seen inconsistent LocoNet communication with QuadLN_S boards. It turns out that the DR5000 has a setting to fine tune its LocoNet communications rate to optimize performance with other LocoNet components in the system. Apparently adjustment of this setting has been necessary to get the DR5000 to work with other products such as the Digitrax UR91.

The required adjustment is under the LocoNet T settings menu and is called “BaudRate Tuning”. It has a default value of 110. Several users have reported that a value of 240 works well with the QuadLN_S. My suggestion is to start with 240 and if there are still any comm errors then increase the value in steps until things smooth out. (For reference a value of 800 is recommended by the DigiKeijs distributor for use with the UR91).