



# Technical Bulletin #5

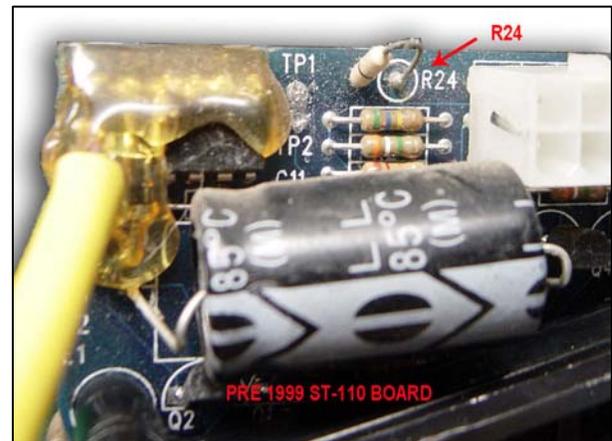
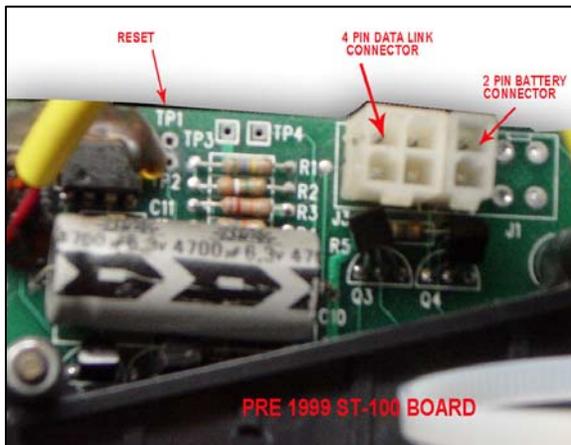
## ST-100/ST-110 Configuration

Issued: 11.19.08

### Topic: Configuring the ST-110/ST-100

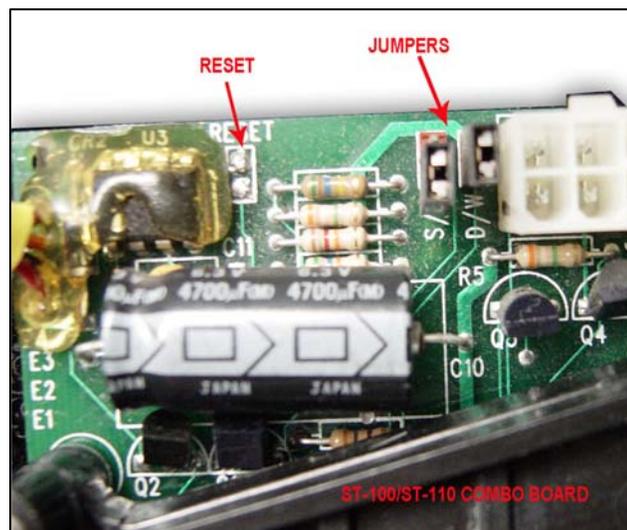
There are currently four distinct types of circuit boards for the ST-110/100 and the ST-100A/110A series Coin Wizards, depending on the date of manufacture.

Prior to 1999, the ST-100 and ST-110 had separate circuit boards. The pre-1999 ST-100 circuit board is green with a 4 pin datalink connector. The pre-1999 ST-110 circuit board is blue with a 6 pin keyswitch connector.



The pre-1999 ST-110 circuit board can be upgraded for use with a Route Wand or Super Wand by clipping resistor R24 from the circuit board and installing a gray cable, 4 wire, upgrade datalink.

In 1999, the circuit board was re-engineered to combine the two types of Coin Wizards onto one Combo board that allows the user to select the configuration. There are two jumpers at the top of the board to the left of the datalink connector. The left jumper is marked with the letters S/N and configure the slug detect feature. If the shunt is covering both pins and the "N" is visible, slug detect is turned OFF. If the shunt covers only the bottom pin and only the "S" is visible, slug detect is ON.





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The right jumper is marked with the letters D/W and configures the Coin Wizard for use with a Datalink, Comlink or keyswitch. If the shunt covers both pins and only the "W" is visible, the Coin Wizard is configured for use with a keyswitch. If only the bottom pin is covered and only the "D" is visible, the Coin Wizard is configured for use with a Datalink or Comlink.

In 2005, the ST-100A/ST110A circuit board was updated to include a blue reset button and red LED to indicate when coins are acknowledged by the Coin Wizard. The jumpers are in the same position and are configured the same way as the Combo board.

