Scientific Games Operational Description for the Ticket Checker FA83-0015, PAT FA84-0009:

The ticket checker is a CCD barcode reading device connected to the wave terminal.

It has a programmable logic printed circuit board and a LCD display that allows it to do the following:

- Read online and instant barcode

- Transmit ticket data to the central system via the wave terminal

- Display validation results

Figure 1.0 Ticket Checker

The ticket checker consists of a single printed circuit board that contains a micro controller and a LCD display. There is also a barcode reader with these components for interrogating bar codes.

Ticket Checker Communications

In order for the wireless ticket checker to communicate with the wave terminal, the wave terminal must be signed on.

For each online and instant ticket scanned by the ticket checker, the following sequence of events occurs:

1. Ticket checker scans a ticket barcode.
2. Ticket checker sends the validation data to central system
3. Central system interprets the validation data and sends the verification result the wave terminal.
4. The wave terminal sends the verification result to the ticket checker.
5. The ticket checker identifies the verification result in the on the LCD display.
6. Ticket identified as winning tickets must be presented to the retail clerk.

Component Descriptions

Barcode Reader -   The bar code reader is of the CCD type and is non-contact. It is capable of reading standard 1 & 2 dimension codes. The reader can be programmed for its setup conditions through scanning of a test sheet or through the serial communications port (optional).
LCD Display – The display is a 128 by 64 graphic with backlighting capability.
Power Supply –The power can be supplied through an AC wall adapter, output power at 5 volts.

To check an online, or instant ticket on the ticket checker the user must insert the ticket into the barcode reader verification area shown in figure 1.1.

Once the ticket checker reads the barcode from the verification area, it will then display a message that identifies the successful read on the LCD display.