

Client Requirements

- Normal Operation
 - Product Selected
 - Audio feedback
 - Audible Selection Sound
 - Visual feedback
 - Ring of red lights circling product
 - Change Inserted
 - Audio feedback
 - Change sound
 - Visual feedback
 - Balance display is incremented
 - Purchase Complete (DONE is asserted)
 - Audio feedback
 - Cheering sound if Correct
 - Buzzer sound if incorrect
 - Visual feedback
 - Ring of green lights circling product if correct
 - Ring of red lights if incorrect
- Help Function Initialized
 - Audio feedback
 - “Help” sound
 - Visual feedback
 - Remaining balance to be enter is displayed
 - Combination of coins to be entered is displayed
 - Each time “Help” is asserted a different combination of coins is displayed.
- Product Price Programming
 - Product is selected by pressing button matrix on rear panel
 - Price is entered
 - Press # “pound” to confirm

- Currency Removal
 - Draw will slide out of rear and user can remove currency.
- Turn on/off
 - There will be a main power switch located on the rear of the product
- Dimensions
 - Rectangular for easy storage
- Weight
 - Less than 30lbs