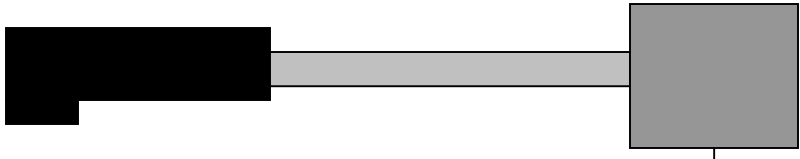
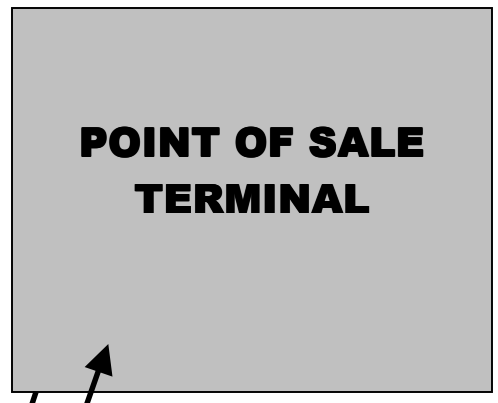


1. SERVER REQUESTS POUR
Server presses desired button on the Easybar dispensing gun

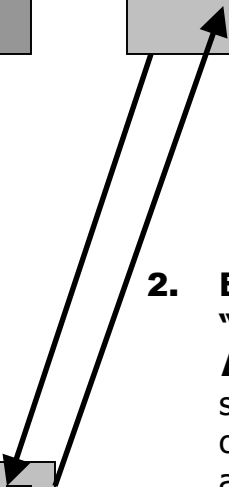


EASYBAR DISPENSER



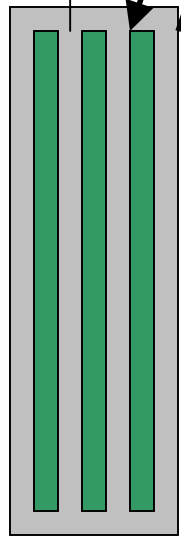
POINT OF SALE TERMINAL

2. EASYBAR ASKS POS "IS IT OK TO DISPENSE?" Easybar sends PLU number & checksum to Terminal and WAITS for approval



3. POS PROCESSES PLU NUMBER. IF APPROVED, POS TELLS EASYBAR "IT IS OK TO DISPENSE" POS software determines whether or not to approve dispense. IF dispense is approved POS sends ACK to EASYBAR (06) in HEX.

4. EASYBAR POURS THE DRINK & REGISTERS IT IN THE EASYBAR SYSTEM. If no ACK is received Easybar will **NOT** dispense.



HOW INTERFACING WORKS

Many people are confused about what Easybar contributes to a Point-of-Sale interface. In actuality it is very simple. Enabling the interface on Easybar simply causes the Easybar to:

1. Send a number out through a serial port to some other device and
2. Wait for that device to send back an acknowledgement that the signal was received and it is OK to pour and
3. If ACK is received, Easybar will pour the requested drink

When interfacing is properly enabled, Easybar will NOT pour unless the ACK is received regardless of the reason for no ACK

WHAT HAS TO HAPPEN IN ORDER FOR EASYBAR TO POUR A DRINK WHEN INTERFACED?

Easybar will only dispense a drink when the Point of Sale system sends the proper approval (ACK). It is important to understand that the Easybar system has nothing to do with the conditions on which an ACK is based.

All criteria for approving dispense is handled by the P.O.S. software. Some examples are:

- Some POS software does not allow pour if there is no check open
- Some POS software does not allow pour if there is no server logged on
- Some POS software does not allow pour if it does not recognize the PLU number

Hardware problems that may cause the Easybar system to quit dispensing when interfaced are:

- The register is turned off
- The cable between Easybar and the POS is unplugged or damaged
- The cable between Easybar and the POS system is incorrectly wired

WHAT DATA DOES EASYBAR SUPPLY? WHAT DATA DOES THE POINT OF SALE SOFTWARE SUPPLY?

The data & format of the data sent to the Point of Sale depends on the POS and may contain all or some of the following information (depending on the POS software):

START BYTE - PLU NUMBER – CHECKSUM - END BYTE

The POS must be programmed to receive the information and attach it to information which may include all or some of the following (depending on the POS software):

DRINK NAME - DRINK SIZE - DRINK PRICE

Other information that may be attached to PLU number in the POS software may include some or all of the following (depending on the POS software):

SHIFT PRICE (i.e. is it Happy Hour?)
SERVER NAME (who is pouring the drink?)
INVENTORY INFORMATION

Just to be clear, Easybar sends nothing more than a PLU number along with necessary start/stop codes & checksums. For clarification see the following:

- Easybar does **NOT** send pricing or pour size information to the POS
- Easybar does **NOT** send information about bartenders / servers to the POS
- Easybar does **NOT** send inventory or price shift information to the POS
- Easybar does **NOT** monitor the POS to determine whether or not a drink is registered
- Easybar does **NOT** monitor the POS to determine whether a drink may have been cancelled or refunded

EASYBAR WILL NOT POUR UNLESS ACKNOWLEDGED. IF EASYBAR IS INTERFACED & DISPENSES A DRINK WITHOUT THE REGISTER RINGING – CHECK THE POINT-OF-SALE SOFTWARE!