

# *Sentry* **BevCon**

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A division of International Carbonic Inc.

## ***BEVCON ELITE*** Installer / Owners Manual

### The Dawning Of A New Era In Beverage Control

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*Sentry* **BevCon** is a firm dedicated to the design, manufacture, sale, and support of innovative automated dispensing and control equipment for beverage products to the hospitality industry.

We pledge ourselves to ongoing development of our products and services to maintain cutting edge technology with ease of operation being paramount.

We promise to provide equipment and service at a level of satisfaction unmatched in the industry today.

# *Sentry* **BevCon**

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We would like to thank you for making the investment in your **BevCon Beverage System**. As you become more familiar with the system and how it can boost your bottom line, you will learn just how powerful a management tool you have at your fingertips, one you will come to rely on and trust.

We believe control systems must be simple to use and offer information that can be quickly translated into effective management practices. During the first weeks of operation your past management practices will be challenged as you make discoveries about your operation. This manual includes a section to help you through this process and fine tune your system.

The purpose of this manual is to provide you with sufficient information and understanding of the system to perform much of your own maintenance. If you have any questions regarding any part of our product please feel free to call our offices at the numbers listed on the cover page.

The design team has extensive backgrounds in hospitality management and can offer assistance in using **BevCon** information to make effective management decisions.

We are proud all our customers report increased profitability and peace of mind knowing the system is constantly watching their bottom line.

**Again, thank you for your support and we look forward to a long and positive working association.**

The Staff and Management of **BevCon**

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# ***BEVCON ELITE***

The Bevcon Elite is a versatile liquor control system which allows the user to select various functions to suit their needs. It is available from 6 to 24 brands and can serve up to 16 Stations.

## **SINGLE STATION**

The Bevcon Elite single station systems consists of a Hose Valve and Electronic Station Controller. The Control Center is connected to a Hose Valve and all programming is done by using the Switch Pak Buttons on the Hose Valve. The Control Center has a connection on the enclosure which is used to connect to a printer or for interfacing. If a printer is not connected the owner has the option of reading the counts from the LCD Display. The LCD Display is used in the programming procedure and also shows operations, Day, Date & time. A seven position Key Switch on the Control Center allows access to the various functions.

**NOTE: THE PRINTER PORT FURNISHES A SERIAL SIGNAL FOR THE PRINTER.  
IF USING A PARALLEL SIGNAL PRINTER A SERIAL/PARALLEL  
CONVERTER WILL BE NEEDED.**

## **MULTI-STATION**

The Bevcon Elite Multi-Station system consists of Hose Valves, Electronic Station Controllers and a DCU (Data Collector Unit). All programming is accomplished through the DCU Keypad (except Purge Line feature which is done at each station) or each station can be programmed individually by using the Switch Pak on the Hose Valve. Each station has its own Controller w/LCD Display. The DCU has an LCD Display, a 4 Position Programming Key Switch and a 14 Button Keypad. The DCU has an outlet which is for a printer connection. All information programmed into the DCU can be transferred to all stations. The DCU is capable of handling up to 16 Stations and 6 to 24 Brands. All transactions at each station are fed into the DCU where it can be printed or read off the LCD Display. Also this information can be obtained at each station, if desired, by using the 7 position Key switch on the controller to access the information desired.

# ***BEVCON ELITE***

## **PROGRAMMING TIPS**

The Bevcon Elite is programmable through either the Switch Pak (Single Station) or the DCU (Multi-Station) systems. The installer can program in most information in their shop prior to making the installation. This will save job site time and will allow the installer to become familiar with the Bevcon before making the installation. The following is the recommendations we make to accomplish this. We are listing them in the order they should be done. It is not necessary to follow this order but is a guide for you to follow using the instructions in the various Menu's.

- A. Connect all components together on bench. It is not necessary to connect liquid to Solenoid valves. After connecting components turn all key switch to "OFF" position And connect to power. Turn Key Switch to "PROG" position then follow instructions Under the various Menu's to program system.
1. Menu 1 Set Date & Time. If incorrect adjust as necessary
  2. Menu 10 Enter Brand Names. Obtain from customer and program.
  3. Menu 11 Enter Cocktail Names. (If any) Obtain from customer and program.
  4. Menu 15 Enter Station Name(s). If desired to name station. Obtain from customer.
  5. Menu 7 Set Auto Reset (Pour Brands)
  6. Menu 8 Set Auto Reset (Cocktails)
  7. Menu 6 Auto Run (ON & OFF) If desired
  8. Menu 12 Enter User Name (Option) Bevcon Elite appears on the display. It can be changed if desired.
  9. Menu 2 Set or Adjust Portions: It is recommended that a starting number be programmed as a starting point. 50 for SP, 90 for RP & 120 for LP. When the portions are measured at install time these numbers will change to reflect the correct number for the size dispensed.
9. After installation is complete go to Menu 5 to Purge air from Lines then use Menu 2, 3 or 4 to obtain proper pour size settings.

**NOTE: Menu 9 is only used if optional air solenoid is installed in air line to pumps.  
Menu 14 is the Set up report which prints the numbers which correspond to  
The drink size dispensed.**

# ***BEVCON ELITE***

## **PROGRAMMING MANUAL**

### **INITIAL START UP MULTI-STATION**

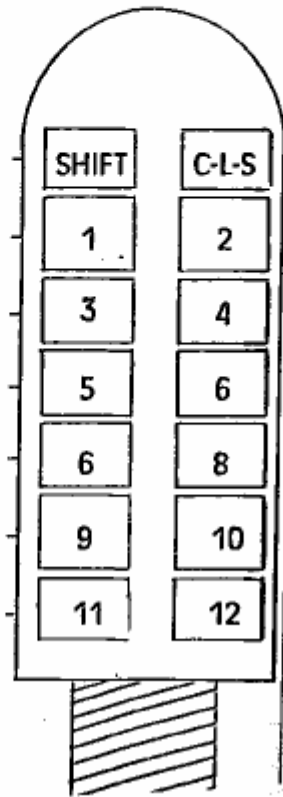
#### **INSTALLER NOTE**

**AFTER INSTALLATION IS COMPLETED FOLLOW THESE INSTRUCTIONS TO INITIALIZE THE SYSTEM:**

- 1. TURN KEY SWITCH ON ALL STATION CONTROLLERS TO THE “OFF” POSITION.**
- 2. CONNECT POWER TO EACH STATION CONTROLLER.**
- 3. CONNECT POWER TO DCU**
- 4. TURN KEY SWITCH ON DCU TO “PROG” AND PROGRAM SYSTEM FOLLOWING INSTRUCTIONS.**
- 5. GO TO EACH STATION AND PRIME SYSTEM USING MENU 5**

**BEVCON ELITE**  
**KEY PAD LAYOUT**  
**DATA COLLECTOR UNIT**

THE Keypad for the Data Collector Unit has 14 Buttons. The Buttons are marked SHIFT, C-L-S & numbered 1 thru 12. When 24 brands are used press the shift button and then buttons 1 thru 12 becomes brands 13 thru 24. These buttons also serve various functions depending on the position of the Key Switch. The functions of the buttons in the various modes are explained in the instructions. Button Numbers on the Keypad correspond to the Brand Buttons on the Hose Valve(s).



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# ***BEVCON ELITE***

## **KEYPAD BUTTON FUNCTIONS DATA COLLECTOR UNIT**

The Keypad buttons serve various functions when the Key Switch is in different positions. The Key Switch has 4 positions: OFF – SET – PROG – ON. Refer to the instruction manual. As to the function of the buttons when in the various modes.

- |                  |  |
|------------------|--|
| Shift Button     | A. Moves Cursor to Left<br>B. Shifts Brands From 1-12 to 13-24<br>C. When Pressed With The C-L-S Button Returns To Main Menu   |
| C-L-S Button     | A. Moves Cursor to Right or Next Function<br>B. When Pressed With Shift Button Returns To Main Menu  |
| Button #1        | A. Scrolls Forward Through Active Stations<br>B. Designates Brand #1 or Brand #13 When In Shift Mode<br>C. Increases Numbers By 1, When In Program Mode<br>D. Updates All Stations, When In Program Mode |
| Button #2        | A. Scrolls Backwards Through Active Stations<br>B. Designates Brand #2 or Brand # 14 When In Shift Mode<br>C. Decreases Number By 1, When In Program Mode  |
| Button #3        | A. Designates Brand #3 or #15 When In Shift Mode<br>B. Increases Numbers By 10, When In Program Mode   |
| Button #4        | A. Designates Brand #4 or #16 When In Program Mode<br>B. Decreases Numbers By 10, When In Program Mode   |
| Button #5        | A. Designates Brand #5 or Brand #17 When In Shift Mode<br>B. Decreases Numbers by 25, When In Program Mode   |
| Button #6        | A. Designates Brand #6 or Brand #18 When In Shift Mode<br>B. Decreases Numbers By 25, When In Program Mode   |
| Buttons #7 - #12 | A. Designates Brands #7 - #12 or Brands #19 - #24 When In Shift Mode   |



# ***BEVCON ELITE***

## **DCU MENU Key Switch Position “PROG”**

The following is the Menu for the DCU when key switch is in the PROG Position. The various menu's gives the owner the option of programming each station individually or ALL stations. The only exception is Menu 1 – Set Day, Date & Time which sets All Stations. There is no Menu 5 or Menu 16 on the DCU.

- Menu 1 Set and Update Date & Time to ALL Stations
- Menu 2 Set or Adjust Portions to Selected or ALL Stations
- Menu 3 Set ALL Portions to Selected or ALL Stations
- Menu 4 Set Recipes to Selected or ALL Stations
- Menu 6 Set or Adjust Auto Run Times for Selected or ALL Stations
- Menu 7 Pour Brand Auto Reset Setting for Selected or ALL Stations
- Menu 8 Pour Recipe Auto Reset Setting for Selected or All Stations
- Menu 9 Preventative Monitoring Time Setting for Selected or All Stations
- Menu 10 Brand Name Assignment for Selected or ALL Stations
- Menu 11 Recipe Name Assignment for Selected or ALL Stations
- Menu 12 User Name Assignment for Selected or ALL Stations
- Menu 13 Print Count Report for a Selected Station
- Menu 14 Print Setup Report for a Selected Station
- Menu 15 Station Name Assignment for Selected Stations

# ***BEVCON ELITE***

## **PROGRAM GUIDE**

<b>Menu #</b>	<b>Function</b>	<b>Program Thru</b>	
		<b>Single Station</b>	<b>Multi-Station</b>

<b>1</b>	<b>Set Date &amp; Time</b>	<b>Controller</b>	<b>DCU</b>
<b>2</b>	<b>Set or Adjust Portions</b>	<b>Controller</b>	<b>DCU</b>
<b>3</b>	<b>Set All Portions</b>	<b>Controller</b>	<b>DCU</b>
<b>4</b>	<b>Set Cocktails</b>	<b>Controller</b>	<b>DCU</b>
<b>5</b>	<b>Purge Lines</b>	<b>Controller</b>	<b>N/A</b>
<b>6</b>	<b>Auto Run</b>	<b>Controller</b>	<b>DCU</b>
<b>7</b>	<b>Auto Reset (Pour Brands)</b>	<b>Controller</b>	<b>DCU</b>
<b>8</b>	<b>Auto Reset (Cocktails)</b>	<b>Controller</b>	<b>DCU</b>
<b>9</b>	<b>Preventative Monitoring</b>	<b>Controller</b>	<b>DCU</b>
<b>10</b>	<b>Enter Brand Names</b>	<b>Controller</b>	<b>DCU</b>
<b>11</b>	<b>Enter Cocktail Names</b>	<b>Controller</b>	<b>DCU</b>
<b>12</b>	<b>Enter User Name (Option)</b>		<b>DCU</b>
<b>13</b>	<b>Count Report</b>		<b>DCU</b>
<b>14</b>	<b>Setup Report</b>		<b>DCU</b>
<b>15</b>	<b>Station Name</b>	<b>Controller</b>	<b>DCU</b>
<b>16</b>	<b>Station Address (Number 1-16)</b>	<b>Controller</b>	<b>N/A</b>

# ***BEVCON ELITE***

## **MENU 13 PRINT COUNT REPORTS**

The Bevcon Elite offers printing reports with 2 options:

Key Switch in “**PROG**” position: Selecting Menu 13 will allow a print report for a selected station and system totals. Printer must be connected and turned “ON”. Totals will not be erased after printing. You must return to the “**SET**” position to clear counts.

Key Switch in “**SET**” position. Function 2 (Pressing Button #2) will access the printing reports feature for ALL stations. Function 3 (Pressing Button #3) will access the CLEAR a stations count feature.

Follow the instructions below for each feature:

### **PRINT COUNT REPORTS and CLEAR FOR A SELECTED STATION** **KEY SWITCH IN “PROG” POSITION**

1. Turn Key Switch to “PROG” Position. Display Reads: Program Mode  
Select Menu 1 – 15
2. Press SHIFT Button to move to Menu 13
3. Press Button # 1 (13 in Shift Mode) Display Reads: Select Station  
Name:\_\_\_\_\_
4. Press Button #1 to select station.  
Press C-L-S Button: Display Reads: Print Count Report  
Press SHIFT to Print
5. After Printing report display will read: “Clear Station Count” 1=YES 2=NO  
Press Button #1 to Clear or Button #2 for counts to remain.  
Follow above procedure to obtain reports for balance of stations.

### **PRINT COUNT REPORTS and CLEAR FOR ALL STATIONS:** **KEY SWITCH IN “SET” POSITION**

1. Turn Key Switch to “SET” position Display reads: (#) stations All On  
Date & Time  
NOTE: Display will remain on and then cycles intermittently through Functions 1 thru 4.
2. Press Button # 2 for Count Report Display Reads: Print Count Report  
Press SHIFT to Print
3. Press SHIFT Button. Report will print ALL stations count report with system totals.
4. After printing reports Display will read: “Clear All Stations” 1=Yes 2=NO.
5. Press Button 1 or 2 to make selection.
6. Turn Key Switch to next operation desired.

# ***BEVCON ELITE***

## **DATA COLLECTOR UNIT Key Switch in “ON” Position**

The Display shows the number of stations active and the selected “ON mode with “ON” mode choices displayed INTERMITTENTLY along with the Date & Time. Press Button 1, 2 or 3 to select on “ON” mode.

Mode 1 Stations “ON” - Turns Stations “ON” regardless of their Key Positions.

Mode 2 Use Stations “AUTO” Times – Uses each stations Auto Run Settings to Determine when each station will operate.

Mode 3 Use Stations Key - Station are allowed to operated based upon their Individual key switch positions.

**Note: When in Mode 3 and Keys are in switches at stations, individuals will be able to Access all functions of the system. If access is not allowed turn station Key to the “ON” position and remove key. This will allow dispensing of drinks but no access to other functions.**

## **Key Switch in “OFF” Position**

Key Switch “OFF” - All Stations are “disabled” regardless of their Key Position.

**CONTINUED ON PAGE 10**

# **BEVCON ELITE**

## **FUNCTIONS DATA COLLECTOR UNIT**

Key Switch in **SET** Position

Displays the number of stations active, the selected ON mode and function mode choices Intermittently along with date and time. Press one of the following buttons to select your Option:

Button 1 - Read a Stations Count

Button 2 - Print out ALL Stations Count report with system totals

Button 3 - Clear a Stations Count

Button 4 - Print out ALL Stations Setup Report

### **Read a Stations Count**

Press Button # 1, Display will read: Select Station #:\_\_\_\_\_ (select station desired)  
Name\_\_\_\_\_ (will appear if programmed)

Press C-L-S Button. Display will read: Read Counts Reg.  
Name\_\_\_\_\_ (will appear if programmed)

Hold desired brand button down and read count - Continue through all brands I - 12

If more than 12 press SHIFT button and continue with brands 13 - 24. After reading

Press SHIFT again to return to brands 1 - 12.

Press C-L-S button to move to SP & read count

Press C-L-S button to move to LP & read count

Press C-L-S button to move to CT & read count

Follow above for all brands

### **Clear a Stations Count (Individually)**

Press Button # 3          Display will read:      Select Station  
Name\_\_\_\_\_

Press C-L-S Button      Display will read:      Clear Count Reg.  
Name\_\_\_\_\_

Press Brand Buttons 1 through 12 individually to clear each brands Reg. Pour

Press C-L-S Buttons for CT. Press Brand Buttons 1 through 12 individually.

Press C-L-S Buttons for SP. Press Brand Buttons 1 through 12.

Press C-L-S Buttons for LP. Press Brand Buttons 1 through 12.

This will clear all counts from *daily* record. Cumulative total will not be cleared.

# ***BEVCON ELITE***

## **FUNCTIONS DATA COLLECTOR UNIT**

### **Clear ALL Counts**

The functions allow the owner to clear ALL (Daily & Cumulative) counts from the 2 Memory Banks of the Bevcon Elite. Note: Using this function will delete all information from the two Files. Reports should be printed or read before using.

1. Turn Key Switch on DCU to the "ON" Position.
2. Press Button #3 on Keypad. This sets each stations memory banks for clearing counts recorded. Each stations counts are cleared using the switch pak at the station.
3. Go to station to be cleared.
  - A. Remove Power Cord from transformer to Control Center.
  - B. Hold down Brand Buttons 1 & 2 and reconnect Power Cord.
  - C. Release Buttons.
  - D. Display will read: Running Counts Reset - Counts Reset Done
  - E. This will clear ALL counts (Daily & Cumulative) from this station.
4. Continue #3 to clear each of the stations which are to be cleared.

# ***BEVCON ELITE***

## **MENU 1**

### **DATA COLLECTOR UNIT Key Switch in “PROG” Position**

When the Key Switch is in the “PROG” position the display will read:

**PROGRAM MODE: SELECT MENU 1-15.** This allows access to the Menu to enter or change the various features available in the Bevcon Elite System.

#### **Set or Update Date & Time**

The Bevcon Elite comes from the factory with this program entered. If changes are necessary follow the instructions on how to change the various settings. Usually the only change necessary will be the time:

##### **Turn Key Switch to PROG position:**

Display will read: Program Mode: Select Menu 1 – 15

Press Button # 1 : Display will show Day,Date,Hour,Min,Sec & AM or PM.

Cursor will be on day. If correct Press C-L-S button to

Move cursor to item to be corrected. If not:

Press Button # 1 to move day forward

Press Button # 2 to move day back

Press C-L-S Button to move cursor to item to be corrected.

Set or Change Month,Day,Year,Hour,Minutes & Seconds

##### **Press C-L-S Button to move cursor to item to be corrected, if not done above.**

Press desired Button: Button # 1 moves numbers forward x 1

Button # 2 moves numbers Back x 1

Button # 3 moves numbers forward x 10

Button # 4 moves numbers Back x 10

Button # 5 moves numbers forward x 25

Button # 6 moves numbers Back x 25

#### **Set or Change AM or PM**

Press C-L-S Button to move cursor to Hour

Press Button # 3 or #4 to set AM or PM. Pressing either button will toggle back and forth between AM & PM.

After making changes in Menu 1 Hold down C-L-S Button and Press Shift Button to return to the Program Select Menu. The New Date and Time are then updated in ALL connected and powered up Stations.

# ***BEVCON ELITE***

## **Menu 2**

### **Key Switch in “PROG” Position**

#### **Set or Adjust Portions to Selected or All Stations**

This Menu allows the user to **SET** or **ADJUST EACH BRAND INDIVIDUALLY** at one station and then to either update all other stations or just the station that is being set. By following the instructions on the Display and using the keys on the keypad you will be able to set or adjust the portions on the system.

Select Menu 2 by pressing Button # 2 on Keypad. Display will read Select Station #  
Name: \_\_\_\_\_#

Press Button # 1 to select Station 1 or #2 for Station 2 and etc.

Press C-L-S Button Display will read Portion  
SPxxxRPxxxLPxxx

Press C-L-S Button to move cursor to SP. Use Keypad to enter number.

Button # 1 **increases** numbers x 1, Button 3 x 10 & Button 5 x 25.

Button # 2 **decreases** numbers x 1, Button 4 x 10 & Button 6 x 25.

Note: Numbers are for reference only and do not indicate the size of drink: We recommend using 60 as a starting point for Short Pour and measuring to determine what size Drink was dispensed. Increase number to increase size of drink. Once the numbers for Short Pour, Regular Pour & Long Pour are sized they can be used to set the other Brands.

Press C-L-S Button to move cursor to RP. Set Number

Press C-L-S Button to move cursor to LP. Set Number

After LP size is set press C-L-S button to return to next brand.

**Press Button # 2 for Brand 2 and enter numbers as above. Continue until Brand 12 is set then after Pressing C-L-S Button Press SHIFT Button to set Brands 13 through 24 following the same procedure. When the SHIFT button is pressed a S will appear on the display and Button # 1**

Will become Brand 13, Button # 2 will become Brand 14 and etc.

After all Brands are set Press SHIFT and C-L-S buttons together. Display will read:

UPDATE ALL STATIONS Press Button 1 for YES or Button 2 for NO. Pressing Button 1 will Update all Stations with the same settings as programmed in this station.

Display will return to MENU

Any Brand or Pour Size can be adjusted at any or all stations by choosing which Brand or Pour size you wish changed and follow the instructions above.

**NOTE: Any portion size that is set at “O” will disable that size.**



# ***BEVCON ELITE***

## **Menu 3**

### **Key Switch in “PROG” Position**

#### **Set All Portions to Selected or All Stations**

This Menu allows the user to **SET** the pour sizes on one Brand and will set the same sizes on all other Brands at ALL or SELECTED Stations. By following the instructions on the Display and using the keys on the Keypad you will be able use this Program.

Select Menu 3 by pressing Button # 3 on Keypad. Display will read: Select Station #  
Name\_\_\_\_\_#

Press Button # 1 to select Station 1

Press C-L-S Button. Display will read: Portion  
SPxxxRPxxxLPxxx

Press C-L-S Button to move cursor to SP. Use Keypad to enter number

Button # 1 **increases** numbers x 1, Button # 3 x 10 & Button # 4 x 25.

Button # 2 **decreases** numbers x 1, Button # 3 x 10 & Button # 4 x 25

Note: Numbers are for reference only and do not indicate the size of the drink: We recommend Using 60 as a starting point for Short Pour and measuring to determine what size drink Was dispensed. Increase number to increase size of drink. Once the numbers for SP, RP And LP are sized they can be used to set the other brands.

Press C-L-S Button to move cursor to RP. Set Number

Press C-L-S Button to move cursor to LP. Set Number

**NOTE: This feature will set all pour sizes for all brands at all stations if YES (1) is pressed When display asks.**

Hold down C-L-S button then press SHIFT. Display will read UPDATE ALL STATIONS  
1=YES 2= NO

Press selection desired. Pressing 2 NO will only Update the station which has been set.  
Display will return to Menu

# ***BEVCON ELITE***

## **Menu 4**

### **Set Cocktails to Selected or All Stations**

#### **Key Switch in “PROG” Position**

Up to 24 different cocktails can be entered. Each cocktail can have up to 6 different brands as ingredients. The portion size for each of those ingredients needs to be set using this program option. After this option is selected a selection of *which station's* cocktails are to be set or adjusted is required. The station is selected by scrolling through a list of active stations using Button # 1 for the next station (if any). To select the displayed station press the C-L-S Button. **NOTE: When entering cocktails Item 1 is the primary ingredient used in the Cocktail, Item 2 is the secondary ingredient, Item 3 is the 3<sup>rd</sup> and etc. When dispensing a cocktail the system will be in the cocktail mode and pressing the primary ingredient button will dispense the cocktail.**

Press Button 4 for Menu 4: Display will read: Recipe Cocktail 1  
Item 1 Brand 1 P000

1. Press C-L-S Button: Cursor moves to Item 1
2. Press C-L-S Button: Cursor moves to Brand 1 – Select Main Ingredient on Keypad
3. Press C-L-S Button: Cursor moves to P000 - Enter Size desired  
(Use Button 1 to Increase x 1 - #2 to Decrease x 1)  
(Use Button 3 to Increase x 10 – Button 4 to Decrease)  
(Use Button 5 to Increase by 25- Button 6 to Decrease)
4. Press C-L-S Button: Cursor moves to Cocktail
5. Press C-L-S Button: Cursor moves to Item\_\_\_ Press Button #1 to move to Item 2.
6. Press C-L-S Button: Cursor moves to Brand\_\_\_Press Button # for corresponding 2<sup>nd</sup> Ingredient
7. Press C-L-S Button: Cursor moves to P000 – Enter Size desired
8. Continue until all Ingredients & sizes are entered.
9. Press C-L-S Button: Cursor Moves to Cocktail – Press Button 2 for 2<sup>nd</sup> Cocktail
10. Continue Steps 1 thru 8 until all Cocktails desired are entered.
11. Hold down C-L-S Button and Press Shift Button to return to Main Menu.

# ***BEVCON ELITE***

## **MENU 5**

### **“Using Key Switch on Station Controller”**

#### **TO PURGE LINES (PRIME SYSTEM)**

This function is operated by using the Key Switch at each station. This allows the installer to Purge air (Prime) from the liquor lines without repeatedly pressing each brand button. In this mode simply hold brand button down (stopping every 10 seconds to allow reserves to refill until liquor flows from the gun in a steady stream. **CAUTION: CHECK LIQUOR SUPPLY ON RESERVES TO PREVENT OVERDRAWING WHICH WOULD ALLOW AIR TO ENTER THE LINES.**

1. TURN KEY SWITCH TO **“PROG”** POSITION: Display will read: program mode  
Select Menu 1-9
2. PRESS BUTTON # 5 Display will read: purge lines  
(Displays Date & Time)
3. HOLD BRAND BUTTON # 1 UNTIL LIQUOR FLOWS FROM GUN: **NOTE: HOLD GUN OVER GLASS. CAUTION: Allow time for bottle to refill reserves.** Follow with other Brands until all lines are primed. Note: When brands 1 to 12 are Primed Press SHIFT button to Prime Brands 13-24 if applicable.
4. AFTER ALL LINES ARE PURGED (PRIMED) HOLD DOWN C-L-S BUTTON AND PRESS SHIFT BUTTON . THIS RETURNS THE SYSTEM TO MENU DISPLAY FOR NEXT OPERATION.
5. TURN KEY SWITCH TO NEXT OPERATION – OR – ENTER MENU # FOR NEXT PROGRAM.

# ***BEVCON ELITE***

## **Menu 6**

### **Key Switch in “PROG” Position Set or Adjust Auto Run Times for Selected or All Stations**

This Menu allows the owner to set when the stations will operate or be disabled. When programmed between the Auto and Stop times the station will be operational.

Outside of these times the stations will be disabled. There are 14 shifts available for each day numbered Auto 01, 02, 03 & etc. Auto 01 will be used if opening and closing occurs only once a day. If there are two opening and closings in one day then Auto 01 will be used for the first & Auto 02 will be used for the second.

Select Menu 6 by pressing Button 6 on Keypad:

Display will read:       SELECT STATION #1  
                                  NAME:\_\_\_\_\_ (name will appear if entered)

Press C-L-S Button:

Display will read:       AUTO       01 (day)   (time)   (am or pm)  
                                  STOP AT       (day)   (time)   (am or pm)

Press C-L-S Button to move cursor to Day.

- Note: Pressing Button #1 moves Day, Hours & Minutes forward by One
- Pressing Button #2 moves Day, Hours & Minutes Back by One
- Pressing Button #3 Moves Hours by 12 Forward (This sets either AM or PM)
- Pressing Button #4 Moves Hours by 12 Back
- Pressing Button # 3 Moves Minutes by 10 Forward
- Pressing Button #4 Moves Minutes by 10 Back
- Pressing Button # 5 Moves Minutes by 25 Forward
- Pressing Button # 6 Moves Minutes by 25 Back

Press Button 1 or 2 to move day forward or back until correct day is displayed

Press C-L-S Button to move cursor to Time. Using above Buttons set correct Hours.

Press C-L-S Button to move cursor to Minutes. Use above Button to set Minutes.

Press SHIFT Button to move cursor back to Hours. Press Button 3 to set AM or PM

This will set time.

Press C-L-S to move cursor day on STOP line. Using above Buttons set Day of week.

Press C-L-S to move cursor to Hour. Use above Buttons set Hour.

Press C-L-S to move cursor to Minutes. Use above Button to set minutes.

Press SHIFT Button to move cursor back to Hours. Press Button 3 to set AM or PM.

Continue to set each day of week with times desired. REMEMBER: The system will be disabled at the times between STOP (2<sup>nd</sup> line) and Auto (1st line)

After making all settings :

Hold Down C-L-S Button & press SHIFT button. Display will read:

UPDATE ALL STATIONS; 1-YES 2-NO.

Press Button 1 to Update All Stations. Button 2 WILL NOT update any other stations.

System will return to Menu Display.

# ***BEVCON ELITE***

## **Menu 7**

### **Key Switch in “PROG” Position**

#### **Brand Auto Reset Setting for Selected or All Stations**

This option allows the owner to offer the option of having the system return to Regular Pour after another option is selected and poured or remaining in that option until manually returned to Regular Pour.

Select Menu 7 by pressing Button 7    Display will read: Select Station # 1  
Name:\_\_\_\_\_

Press C-L-S Button        Display will read: Auto Reset Pour Type  
Brand\_\_\_\_\_ Reset

Press C-L-S Button to move cursor to Brand

Press Button 1 for Brand 1

Press Button 1 or 2 to toggle between Reset or Off. Choosing Reset will automatically return  
That Brand to Regular Pour.

Press C-L-S Button to move cursor to Brand

Press Button 2 for Brand 2

Press Button 1 or 2 to toggle between Reset or Off.

Continue until all 12 Brands are set to desired option.

Hold down C-L-S Button and press SHIFT button. Display will read:

UPDATE ALL STATIONS: 1=YES 2=NO

Select option by pressing buttons 1 or 2

Display will return to Program Menu: Select 1 – 15

Enter next Menu to be programmed



# ***BEVCON ELITE***

## **Menu 15**

### **Key Switch in “PROG” Position**

#### **Station Name Assignment for Selected Stations**

This Menu allows the owner to program a Station Name, if desired. This name will appear on reports generated by the printer. To enter characters, numbers or spaces use the explanation of button uses as in Menu 10.

Key Switch in “PROG” Position Display reads: PROGRAM MODE  
SELECT MENU 1 – 15

Press SHIFT Button – SHIFT will appear on display.

Press Button # 3 for Menu 15. Display reads: SELECT STATION #: 1  
NAME\_\_\_\_\_

Press C-L-S Button                      Display reads: ENTER STATION NAME  
NAME\_\_\_\_\_

Cursor will be on first letter of name.

Using Keypad enter first letter or number of name desired.

Press C-L-S Button to move cursor to next letter – enter letter

Press C-L-S Button to move cursor to next letter – enter letter. Continue until name is complete.

When finished Hold down C-L-S Button and press SHIFT button

Display will return to PROGRAM MODE.

# ***BEVCON ELITE***

## **MENU FOR SINGLE STATION (POS OR PRINTER)**

- Menu 1      Set Date & Time
- Menu 2      Set or Adjust Portions**
- Menu 3      Set All Portions**
- Menu 4      Set Cocktail Portions**
- Menu 5      Purge Lines**
- Menu 6      Auto Run**
- Menu 7      Auto Reset (Pour Brands 1-12)**
- Menu 8      Auto Reset (Cocktails)**
- Menu 9      Preventative Monitoring**
- Menu 10     Enter Brand Names**
- Menu 11     Enter Cocktail Names**
- Menu 12     Enter User Name (Optional)**
- Menu 13     Count Report**
- Menu 14     Set Up Report**
- Menu 15     Station Name**
- Menu 16     Station Name Address (Number 1 – 16)**
- Menu 17     Serial Port: None, Printer, Micros 8700, Squirrel,  
Info Genesis**
- Menu 18     Baud Rate: (1200 – 19.2K)**
- Menu 19     NLU # 0 – 250 Brands (POS Systems)**
- Menu 20     NLU # 145 – 250 Cocktails (POS Systems)**
- Menu 21     Auto Reset (Pour Brands 13-24)**
- Menu 22     Designate Mode Sequence Selection**

8-1-99

Rev: 3-1-01



# ***BEVCON ELITE***

## **SERIAL / PARALLEL CONVERTER DIP SWITCH SETTINGS PART # 44034 or 116935**

The following are the dip switch settings which must be made on the converter to allow operation of the printer:

Switch Number – 1	Down (ON)
Switch Number – 2	Up (OFF)
Switch Number – 3	Down (ON)
Switch Number – 4	Down (OFF)
Switch Number – 5	Up (OFF)
Switch Number – 6	Down (ON)
Switch Number – 7	Up (OFF)
Switch Number – 8	Up (OFF)

# ***BEVCON ELITE***

## **INTERFACE MENU'S 17 and 18**

The following Menu's allow the installer to program the various functions when connecting the Bevcon Elite to various POS systems. All Menu's are programmed when the Station Controller Key switch is in the PROG position.

### **MENU 17 CHOOSE SERIAL PORT**

There are 3 options on Menu 17. Micros 8700, Printer, Info-Genesis and None.

1. Turn Key Switch to "PROG" Position: Display reads: Program Mode  
Select Menu 1-20.
2. Press SHIFT Button: SHIFT will appear on Display
3. Press Button 5 (Menu 17)                      Display reads: Select Serial Port  
Device: Printer, Micros 8700, Info-Genesis, None.
4. Press Button 1 (Menu 13) until correct device appears on display.
5. Hold down C-L-S Button and press SHIFT Button to return to Menu.

### **MENU 18 SELECT BAUD RATE**

1. Press SHIFT Button: SHIFT will appear on Display.
2. Press Button 6 (Menu 18)                      Display reads: Select Serial Port  
Baud Rate\_\_\_\_\_
3. Press Button1 (Menu 13) to select correct Baud Rate.
4. Hold down C-L-S Button and press SHIFT Button to return to Menu.

Chip 1.52A99 (P89C58UBP)



# ***BEVCON ELITE***

## **MENU 21**

### **BRANDS – 25 TO 48**

**Menu 21 is used when the BEVCON ELITE has more than 24 brands. This requires an adapter board which is installed in the station controller in place of the regular chip and is connected to a second controller through the Bevnet circuit. If 24 brands or less are on the system the Slave Dispenser is OFF and the Bevnet circuit is not used.**

1. Turn Key Switch to PROG position.
2. Press SHIFT Button.
3. Select Menu 21 Button 9 (Menu 21).            Display will read: Number of Brands for  
Slave Dispenser OFF
4. Press Button 1,2,3 or 4 to select number of brands desired:

NOTE: Button number 1 increases by 1  
Button number 2 decreases by 1  
Button number 3 increases by 10  
Button number 4 decreases by 10

**Example: If 32 Brands are on system select number 8 for Slave Dispenser.  
24 Brands + 8 = 32 Brands**

5. Hold down C-L-S Button and press SHIFT Button to return to Menu.



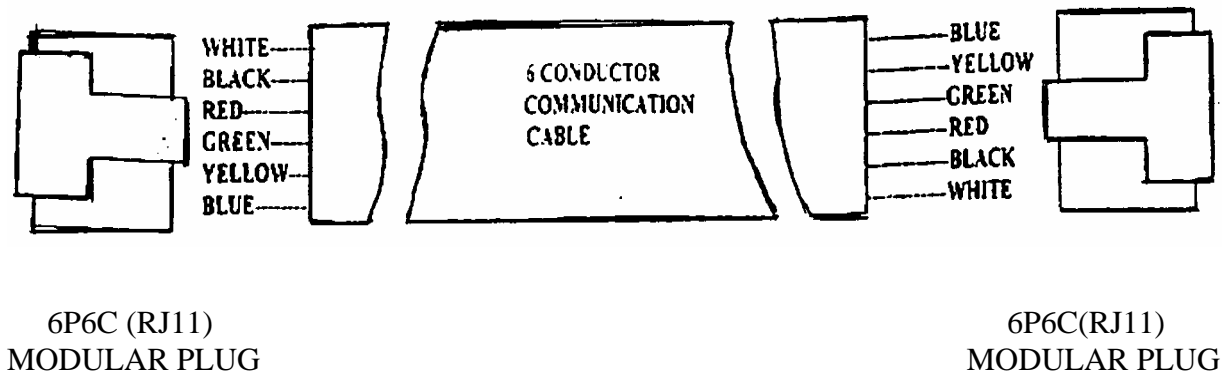
# ***BEVCON ELITE***

## **WIRING DIAGRAM FOR COMMUNICATION CABLE**

The BEVCON ELITE stations are connected using 6 Conductor Flat Cable with RJ11 (6position) modular plugs installed on each end of the cable. These are plugged into the Bevnet connections located at the rear of the Stainless Steel inclosure. The wiring diagram below shows the proper way to install the plugs on the cable. **CARE MUST BE TAKEN TO ENSURE THE PLUGS ARE INSTALLED CORRECTLY.**

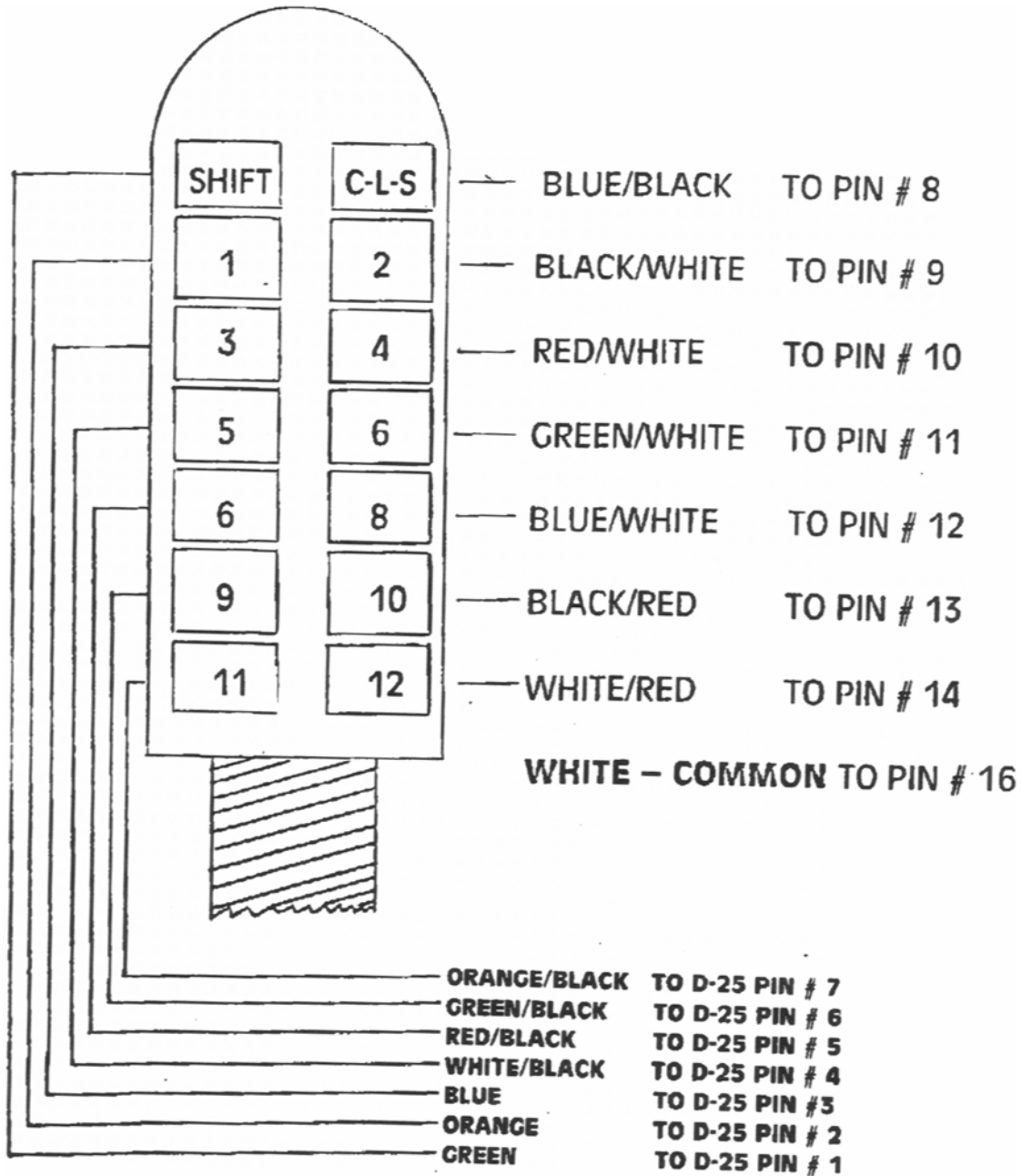
Cable Connections: DCU to Bevnet IN 1<sup>st</sup> station Bevnet OUT to  
2nd station Bevnet IN 2<sup>nd</sup> station Bevnet OUT to  
3<sup>rd</sup> station Bevnet IN

Continue until all stations are connected. The last (first) station will not have a connection in the Bevnet IN.



# **BEVCON ELITE**

## **SWITCH PAK COLOR CODE**



# SENTRY BEVCON

## BEVCON ELITE SOLENOID CABLE COLOR CODE

MTA PIN #	D-25 PIN #	COLOR	SOLENOID #
1	1	GREEN	1
2	2	ORANGE	2
3	3	BLUE	3
4	4	WHITE/BLACK	4
5	5	RED/ BLACK	5
6	6	GREEN/BLACK	6
7	7	ORANGE/BLACK	7
8	8	BLUE/BLACK	8
9	9	BLACK/WHITE	9
10	10	RED/WHITE	10
11	11	GREEN/WHITE	11
12	12	BLUE/WHITE	12
13	13	BLACK	13
14	14	WHITE	14
15	NOT USED	RED	NOT USED
16	NOT USED		NOT USED
17	17	RED	SOLENOID COMMON +2
18	18	RED	SOLENOID COMMON +2
19	19		
20	20 TO 25 NOT USED		

(a jumper between 17 & 18

(b) Use any position between 15 and 20



# Stay in Touch.....



We are very pleased all our **BevCon** customers have reported increases in profitability in the first 30 days. The average increase is 6%, with the highest being 17%.

**If you have any particular experiences or comments you would like to share please call Mr. Ken W. Wogberg at our factory by calling 1-800-661-3003. We would love to hear from you.**