CASHFLOW 330 SERIES FAQ'S

1) **What is a Cashflow 330 ?**
   A Cashflow 330 is a 4" by 4" high performance coin acceptor that can accept up to 12 different coins using a 12 or 24 VDC parallel interface to host.

2) **What is a Front Plate ?**
   A front plate is used to mount a Cashflow 330 in a front entry application.   Front plates also offer easy integration by providing the customer with a reject button as well as established coin entry and exit paths.

3) **What are the differences between the 3 different front plates ?**
   MINI : The Mini front plate measures 115 mm high by 63 mm wide.
   MIDI : The Midi front plate measures 155 mm high by 63 mm wide.
   MAXI : The Maxi front plate measures 237 mm high by 77 mm wide.

4) **What are the differences among interfaces?**
   <u>Standard version 112 (0v common, 12V) and Standard version 124 (0v common, 24V):</u>
   These interfaces provide for 6 coin output lines and 6 individual inhibit lines, an all inhibit input, and a flight deck open output. Pins are arranged in 2 rows of 8. This interface is compatible with MS130, MS135, MS130B1, MS135B1, MS180 , and MS185.
   <u>Standard version 212 (0v common, 12V):</u>
   This interface provides for 6 coin output lines, an all inhibit input and a flight deck open output. On this interface if the all inhibit is left OPEN circuit the acceptor will default to accepting coins. Pins are arranged in 2 rows of 5. This interface is compatible with NGI G13
   <u>Standard version 312 (0v common, 12V):</u>
   This interface provides for 4 coin outputs, an alarm output or inhibit input and an all inhibit input. On this interface if the all inhibit is left OPEN circuit the acceptor will default to inhibiting coins. Pins are arranged in 1 row of 10. This interface is compatible with Azkoyen L60
   <u>Dual Polarity (12V):</u>
   This interface operates from a nominal 12V supply and self configures to either positive or negative common operation. In either mode of operation this interface offers 6 coin output lines, an output common and 6 individual inhibit. Pins are arranged in 1 row of 17. This interface is compatible with MS111, MS111B1, MS115, ME111.

5) **What is the maximum and minimum coin or token size I can use ?**
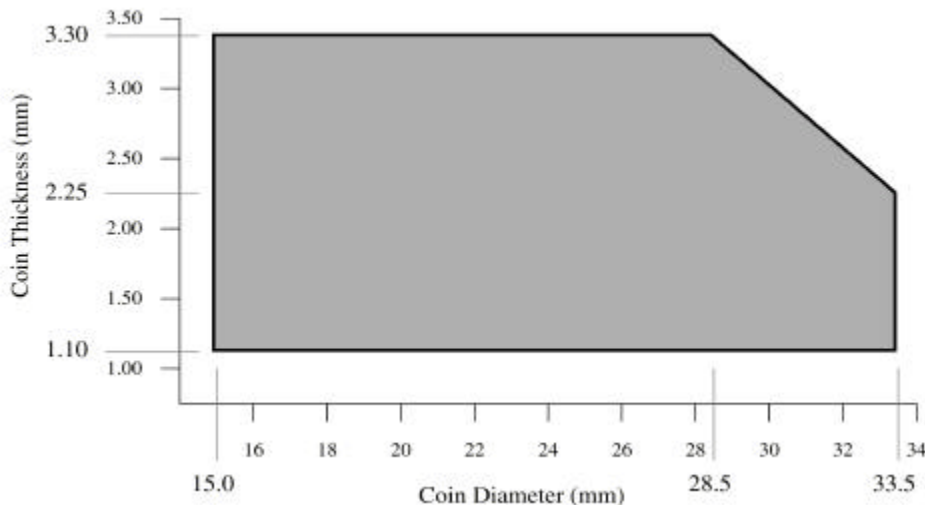
6) What is the Man Machine Interface (MMI) ?
    The Man Machine Interface is designed to provide a simple standalone interface which allows
    frequently used functions to be accessed and varied by an operator or route person.
    The actual interface consists of a 4 bit DIL switch on the back of the Cashflow 330.

7) What can I do with the MMI. ?
    You can either inhibit or enable individual coins.

8) How do I inhibit an individual coin. ?
    1) Cycle power to the acceptor.
    2) Adjust the switch positions on the 4 bit DIL switch as follows:
        1=ON
        2=ON
        3=OFF
        4=ON
    3) Press the reject lever within a 4 minute time out period.
    4) Insert coins to be inhibited until they are accepted.
    5) Press the reject lever to return to operational mode.
    6) Remove power.
    7) Return all switches to the off position..
    8) Restore power to the acceptor.

9) How do I enable an individual coin. ?
    1) Cycle power to the acceptor.
    2) Adjust the switch positions on the 4 bit DIL switch as follows:
        1=ON
        2=ON
        3=OFF
        4=OFF
    3) Press the reject lever within a 4 minute time out period.
    4) Insert coins to be enabled until they are accepted.
    5) Press the reject lever to return to operational mode.
    6) Remove power.
    7) Return all switches to the off position..
    8) Restore power to the acceptor.

10) What is a Mars Route Alpha 250 Terminal ?
    The Mars Route Alpha 250 Terminal is used to check or change certain data held at addresses
    which affect the way the acceptor operates. Each address has a unique number which identifies
   the feature you wish to read or change.
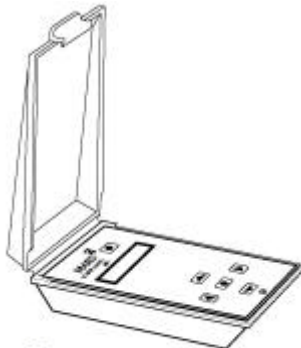
Mars® Route Alpha Terminal

11) How do I change addresses with my Route Alpha 250. ?
    1) Connect the terminal to the Cashflow acceptor module.
    2) Wait for the terminal to power up correctly.
    3) Select the address by using the UP and DOWN keys.
    4) Examine the data by pressing the ENTER key.
    5) Alter the data value by pressing the UP or DOWN keys until the new value has been reached.
    6) Press the ENTER key to return to displaying addresses.
    7) Press the RESET key to initialize the new value.
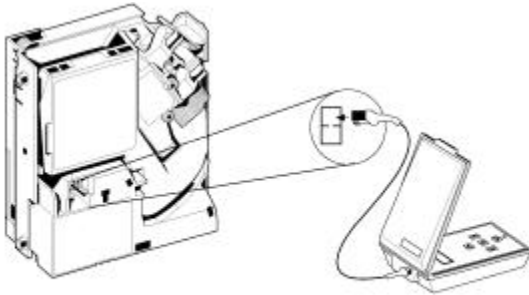
CashFlow® 330 connections to Terminal
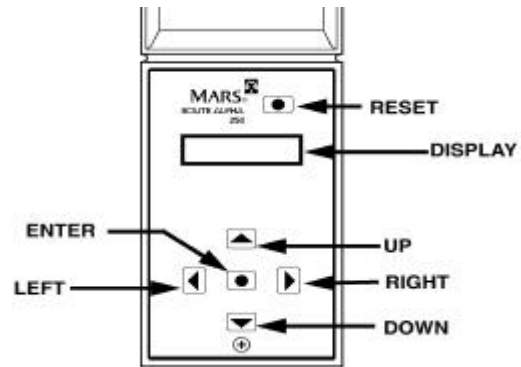
12) What addresses inhibit and enable coins using my Route Alpha 250 ?.
Addresses 1 through 12 are used to enable and disable coins using the Route Alpha 250.

13) I want to disable coin "X" with the Route Alpha 250. How do I do that ?.
    1) First determine where coin "X" is in the channelset.
        1. The channelset information is listed on the Cashflow 330's front label. Coins are listed in three rows, each with up to four coins per row.
        2. Count from the top left corner, left to right until you get to coin "X". For this example we will say that coin "X" is the 5th coin in the channelset. This would be the 1st position of the second row.
    2) Use the procedure in Question 11 to move to address obtained in step 2 above. For this example it would be address 5.
    3) Set the appropriate address for :
        0 = Coin Allowed
        1 = Coin Inhibited

14) Do you have a Cashflow 330 for Country "X" ?.
    1) Cashflow 330's are currently available for the following countries.

NOTE: Due to the many different mechanical and electrical configurations contact a Mars Electronics International representative for exact availability.

Australia	Austria	Bahrain	Canada	Columbia
Cyprus	Denmark	Eire	Finland	France
Germany	Greece	Hungary	India	Israel
Italy	Japan	Kuwait	Malta	Mexico
Netherlands	New Zealand	Norway	Portugal	Saudi Arabia
Singapore	South Africa	South Korea	Spain	Sweden
Switzerland	Taiwan	Turkey	UAE	UK
USA				

15) I want to order a Cashflow 330. What do I need to know. ?

1) What front plate are you going to use ?. (See question 3)
   Note: If you are not using a Mars front plate you need to determine where the coins will enter the acceptor (from the top or the side) as well as the where you want the coins to exit the acceptor.

2) What electrical interface are you going to use ?. (See question 4)

3) What country are you looking for ?. (See question 14)

4) The coins you want to accept. (If known)