GENERAL INFORMATION
CONLUX MCM5

This document contains information for installing the MEI Conlux MCM5 coin mechanism. This product fits into the standard coin changer channel provided by vending machine manufacturers, as it mounts on the existing three mounting studs/screws located on the vending machine.

INTERFACE
MEI Conlux MCM5 coin changer operates in machines that support the MDB interface.

The operating voltage of a MEI Conlux coin mechanism is stated on the label of each product. The label is located on the left side of the coin mechanism.

- Weight: 3.5 lbs.
- Rated Operating Voltage: 34v d.c. 12W
- Compliance: UL standard, FCC standard

*Note: MDB (Multi drop bus) interface information can be found on NAMA’s website located at www.vending.org

INSTALLATION INSTRUCTIONS
Before you begin...

- Remove the coin mechanism from the packaging material. Inspect unit for physical damage.
- You need these tools:
  - Phillips screw driver
  - Wire Tie wraps
  - Wire cutters
  - Wire Tie wrap adhesive anchors

- Turn OFF the power supply to the vending machine.
- Lift up on the White lever on the top left side of the coin mechanism and tilt the Discriminator assembly forward.

ALIGNMENT
Once the coin mechanism is installed, check that there is a small gap (2 mm) between the return lever on the vending machine and the Acceptor Gate lever on the coin mechanism.

- Confirm that when you press the coin return lever on the machine door, it fully depresses the acceptor gate lever on the coin mechanism, then let it return smoothly without holding the gate open.
- Check the alignment of the coin input chute and cashbox chute. Insert some coins to check that they enter the coin mechanism properly and exit into the return cup. Ensure that the coin chute does not rest on or open the acceptor gate.
- Most machines allow you to adjust the return lever, coin chute, and the return cup to align with the coin mechanism. Adjust, align, and test as necessary to ensure coins are properly routed before continuing with these instructions.

CURRENCY SWITCH

<table>
<thead>
<tr>
<th>Switch Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 USA</td>
<td>On/Off</td>
</tr>
<tr>
<td>#2 Canada</td>
<td>On/Off</td>
</tr>
<tr>
<td>#3 Token</td>
<td>On/Off</td>
</tr>
<tr>
<td>#4 Float</td>
<td>High/Low</td>
</tr>
</tbody>
</table>

LOADING THE COIN CASSETTE
You can load the coin cassette using either of these two techniques:

Loading by Removing Cassette
1. Remove the cassette. Place it front down on a firm surface.
2. From the front, manually load the coins into tubes A, B, C, D, E (nickel, dime, quarter, and dollar) if available with at least 15 coins. Each tube will hold 2 rolls of coins.

LOADING THE COIN CASSETTE
From the Front
1. Press down on the white Cassette Latch in front and tilt the top of the cassette out until you can lift the cassette from the coin changer. Close the cassette on a firm surface.
2. From the front, manually load the coins into tubes A, B, C, D, and E.

LOADING THE COIN CASSETTE
Close and latch the Discriminator assembly.

DIP SWITCHES

<table>
<thead>
<tr>
<th>Switch Position</th>
<th>USA</th>
<th>CANADA</th>
<th>TOLL</th>
<th>FLOAT H/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>On</td>
<td>Off</td>
<td>Off</td>
<td>Off/low</td>
</tr>
<tr>
<td>2</td>
<td>Off</td>
<td>On</td>
<td>On</td>
<td>Low</td>
</tr>
<tr>
<td>3</td>
<td>Off</td>
<td>On</td>
<td>Off</td>
<td>Low</td>
</tr>
<tr>
<td>4</td>
<td>Off</td>
<td>Off</td>
<td>On</td>
<td>Low</td>
</tr>
</tbody>
</table>
### Types of cassettes and the coin configuration

<table>
<thead>
<tr>
<th>Type</th>
<th>Feature</th>
<th>Tube A</th>
<th>Tube B</th>
<th>Tube C</th>
<th>Tube D</th>
<th>Tube E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 US-1</td>
<td>Denomination</td>
<td>25¢</td>
<td>5¢</td>
<td>25¢</td>
<td>10¢</td>
<td>25¢</td>
</tr>
<tr>
<td></td>
<td>Auto Storing</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Empty Quantity (Note 1)</td>
<td>6</td>
<td>8</td>
<td>8</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Full Quantity (Note 2)</td>
<td>71</td>
<td>64</td>
<td>71</td>
<td>97</td>
<td>71</td>
</tr>
<tr>
<td>2 US-4</td>
<td>Denomination</td>
<td>$1</td>
<td>5¢</td>
<td>25¢</td>
<td>10¢</td>
<td>25¢</td>
</tr>
<tr>
<td></td>
<td>Auto Storing</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Empty Quantity (Note 1)</td>
<td>5</td>
<td>8</td>
<td>8</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Full Quantity (Note 2)</td>
<td>63</td>
<td>64</td>
<td>71</td>
<td>97</td>
<td>71</td>
</tr>
</tbody>
</table>

**Note 1:** If lower sensor detects coins, then there are coins to at least the empty quantity.

**Note 2:** If the coins reach the upper sensor, the tube is considered to be full.

### Factory FLOAT/PAR Settings (Chart #1)

**Float 1 $34 – Switch Position Low (OFF)**

- **Cassette US-1**
  - Tube A – 25¢: 40 coins = $10
  - Tube B – 5¢: 40 coins = $2
  - Tube C – 25¢: 40 coins = $10
  - Tube D – 10¢: 40 coins = $4
  - Tube E – 25¢: 32 coins = $8

- **Cassette US-4**
  - Tube A – $1: 10 coins = $10
  - Tube B – 5¢: 40 coins = $2
  - Tube C – 25¢: 40 coins = $10
  - Tube D – 10¢: 40 coins = $4
  - Tube E – 25¢: 32 coins = $8

**Float 2 $52 – Switch Position High (ON)**

- **Cassette US-1**
  - Tube A – 25¢: 60 coins = $15
  - Tube B – 5¢: 60 coins = $3
  - Tube C – 25¢: 60 coins = $15
  - Tube D – 10¢: 60 coins = $6
  - Tube E – 25¢: 52 coins = $13

- **Cassette US-4**
  - Tube A – $1: 30 coins = $30
  - Tube B – 5¢: 40 coins = $2
  - Tube C – 25¢: 40 coins = $10
  - Tube D – 10¢: 40 coins = $4
  - Tube E – 25¢: 24 coins = $6

### How to Utilize the Float/Par Factory Settings

The user must start with an empty cassette.

- The DIP switch should be set to either - Float High $52.00 (ON) or Float Low $34.00 (OFF) depending on which value will be utilized.
- Remove the empty cassette from the MCM5. Place it on a hard surface and fill it with the coins indicated on chart #1.
- Press and HOLD the “F” button for three (3) seconds. The C/C light will flash rapidly.
- Place the filled cassette back into the MCM5. The C/C light will continue to flash rapidly, then flash 3 times slowly and return to steady ON. You have successfully set the Float/Par.

**AFTER A PERIOD OF OPERATION:**
To empty excess coins from the changer and return it to the Float level, press and HOLD the “F” button for (3) seconds. The excess coins will be sent to the return cup. If a tube does not have coins up to the Float/Par level, no coins will be dispensed from that tube.