Installation Manual

Prior to the installation make sure you perform the following:

1. Check the machine model and protocol:
   A. With MDB protocol the connection is between the VMC and the coinmech.
   B. Executive protocol requires MDB peripheral cable and 12V DC power adaptor (see separate installation instructions).
   C. Mechanical protocol requires MDB peripheral cable and 12V DC power adaptor (see separate installation instructions).
2. Check that the machine software supports card readers.
3. Make sure the cable length is sufficient when choosing the installation position.
4. Check for DEX plug or DDCMP connector.
5. Check that all parts of cashless unit are present (Wireless module, Bezel, MDB Cable, Antenna).
6. Make sure machine power is off.

Card Reader – Internal installation (Bill acceptor window):

1. Locate and remove window cover.
2. Place the card reader from within the vending machine.
3. Fasten in with nuts.

Card Reader – External installation (Bill acceptor present or no acceptor window):

1. Remove the back plate of the card reader by unscrewing the 4 bolts.
2. Locate a place on the external wall for the card reader.
3. Make sure the reader's location will allow a successful card swipe.
4. Use back plate as a stencil to mark the 5 marked holes.
5. Use #4 drill bit to drill the 5 marked holes.
6. Use a cone shaped drill to widen the center hole.
7. Thread cables in the center hole.
8. Fasten card reader to machine with the 4 bolts that held the back plate.

Wireless Module

Must be placed in a visible location with clear access to the buttons, make sure the modules position will not interfere with normal operation of the machine:

1. Do NOT place module in a damp or refrigerated area.
2. Do NOT please module in a hot area (engine etc.).
3. Do NOT expose module to outside moisture (e.g. rain).

4. Place module with easy access to it in case part replacement is necessary.

Antenna (Magnetic mount)

1. Locate internally to avoid vandalism.
2. Locate externally to increase signal strength.
3. Make sure antenna in not surrounded by metal (reception loss).
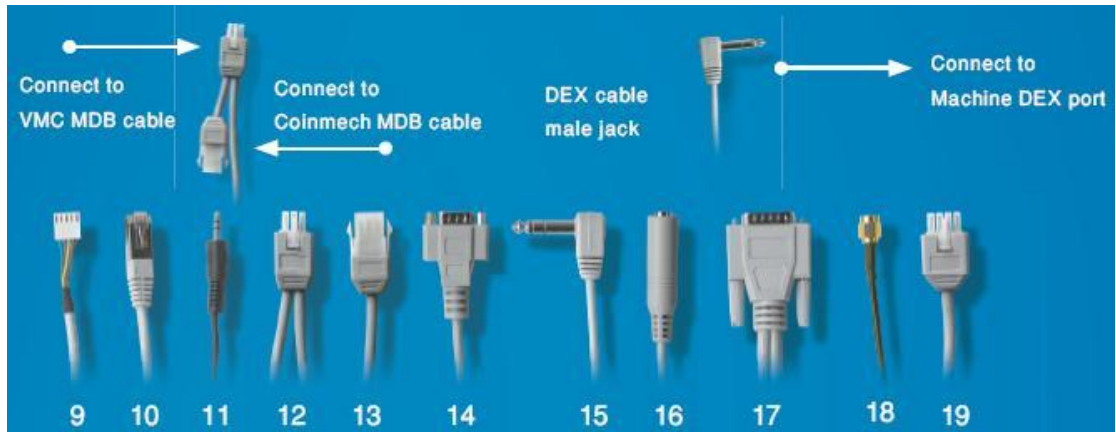4. Make sure the antenna cord is not damaged or pinched when the door is closed.

MDB Cable – Gray Comm. & Power

Cable Connections:

1. Connect Bezel cables to wireless module:
   A. LCD RJ45 (#10) connector to LCD RJ45 plug (#1)
   B. Card reader white Molex (#9) to card reader 5 pin Molex connector (#2)
   C. Speaker 3.5mm Jack (#11) to 3.5mm Audio plug (#3)
2. Connect Antenna to Wireless module:
   A. SMA screw on Connector (#18) to SMA screw on Connector (#4)
3. Connect MDB Cable to Vending Machine Controller (VMC) and coinmech:
   A. Connect DB15 Comm. & Power Male Connector (#17) to DB15 Comm. & Power Female Connector (#5)
   B. Sever connection between VMC and Coinmech
   C. MDB Male Molex (#12) to VMCs MDB female Molex
   D. Coinmech MDB Male Molex to MDB Female Molex (#13)
   E. DEX 1/4 inch Male Jack (#15) to VMCs DEX 1/4 Female plug

Connect to VMC MDB cable | Connect to Coinmech MDB cable | DEX cable male jack | Connect to Machine DEX port

9 10 11 12 13 14 15 16 17 18 19

Operating and Testing

1. Turn machine on
   A. Make sure products are present before vend test
   B. Make sure prices are setup before the vend test
   C. Make sure door switch does no inhibit the machine's work state
2. Once machine is powered up, a system Self-Test is automatically initiated, performing:
   A. SIM card check
   B. GPRS communication check
   C. Server connectivity check
3. Once LCD displays "Swipe Card/Dial" – swipe card for testing purposes. "Sound" and "Communication" check is performed
4. Carry out trial purchases using following methods:
   A. A cash purchases – check that charge price was correct
   B. A credit card purchase – check that charge price was correct
   C. A card vend cancel – check that credit is not retained on transaction cancel

Once all purchases are successfully completed the unit is fully installed and ready to use!