## **MDB** Peripheral Cables



P/N: 3108 MDB Peripheral Adaptor Cable For MEI CF690 Coin Mechanism



P/N: 3111 **MDB Peripheral Adaptor Cable** For MEI CF7xxx Series Coin Mechanism

P/N: 3113 **MDB Peripheral Adaptor Cable** For CoinCo - Global 2 Coin Mechanism



P/N: 3109 **MDB Peripheral Adaptor Cable** For MEI CF694 Coin Mechanism

## **DEX Adaptor Cables**



P/N: 3110

DEX Adaptor Cable For MEI CF690/CF694 Coin Mechanism

## **Additional Adaptors**



P/N: 3105 **Cashless Adaptor Cable** For Jofemar Machines





P/N: 3107

**Dual Reader** Adaptor



P/N: 3116 Adaptor Cable For : Pulse / Door Switch / Temperature Probe



# NAYAXvend

NAVAXIE



INSERT BILL NERE



## **Installation Guide**

#### Prior to installation make sure you perform the following:

- 1. Check machine model and protocol:
- With MDB Protocol the connection is between the VMC and the coinmech
- Executive Protocol requires MDB Peripheral cable (see separate installation instructions)
- 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):

- Locate and remove window cover
- Place the Card Reader from within the vending machin
- Fasten it with nuts

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

- Remove the back plate of the Card Reader by unscrewing the 4 bolts
- Locate a place on the external wall for the Card Reader
- Make sure the reader's location will allow a successful card swipe
- Use back plate as a stencil to mark the 5 holes for drilling
- Use #4 drill bit to drill the 5 marked holes
- Use a cone shaped drill to widen the center hole
- Thread cables in the center hole
- 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 that the module position will not interfere with normal operation of the machine:

- Do NOT place module in a damp or refrigerated area
- Do NOT place module in a hot area (engine etc.)
- Do NOT expose module to outside moisture (e.g. rain)
- Place module with easy access to it in case part replacement is necessary.

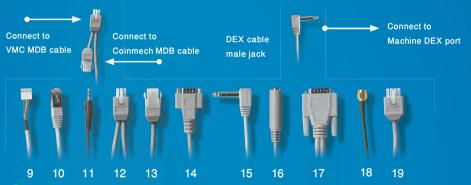
#### Antenna (Magnetic mount)

- Locate internally avoid vandalism
- Locate externally to increase signal strength
- Make sure antenna is not surrounded by metal (reception loss)
- 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:
- LCD RJ45 connector (#10) to LCD RJ45 Plug (#1)
- Card Reader white Molex (#9) to Card Reader 5 pin Molex Connector (#2)
- Speaker 3.5mm Jack (11) to 3.5mm Audio Plug (13)
- 2. Connect Antenna to Wireless module:
- SMA Screw on Connector (#18) to SMA Screw on Connector (#4)
- 3. Connect MDB Cable to Vending Machine Controller\*(VMC) and Coin Mech. :
- Connect DB15 Comm. & Power Male Connector (17) to DB15 Comm.
- & Power Female Connector (#5)
- Sever Connection Between VMC and Coin Mech.
- MDB Male Molex (#12) to VMCs MDB female Molex
- Coin Mech. MDB Male Molex to MDB female Molex (#13)
- DEX 1/4 inch male Jack #15 to VMCs DEX 1/4 female plug



(19) 8 Pin Molex for Connection of the Pulse / Door Switch / Temperature Probe Adaptor cable

#### **Operating and Testing**

- 1. Turn machine On
- Make sure products are present before the vend test
- Make sure prices are setup before the vend test
- Make sure door switch does not inhibit the machine's work state
- 2. Once Machine is powered up, a system Self-Test is automatically initiated, performing: - SIM Card check
- GPRS Communication check
- Server Connectivity check
- 3. Once the LCD displays "Swipe Card / Dial" Swipe card for testing purposes. "Sound" and "Communication" check is performed.
- Carry out trial purchases using the following methods:
- A Cash Purchase check that charge price was correct
- A Credit Card Purchase check that charge price was correct
- 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 for use!



P/N: 3102

- P/N: 2101

P/N: 3101

## FCC Compliance Statement

- This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations.
- This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception.
- However, there is no guarantee that interference will not occur in a particular installation. If this device does cause such interference, which can be verified by turning the device off and on, the user is encouraged to eliminate the interference by one or more of the following measures:

- Re-orient or re-locate the receiving antenna.
- Increase the distance between the device and the Receiver.
- Connect the device to an outlet on a circuit different From the one that supplies power to the receiver.
- Consult the dealer or an experienced radio/TV technician.

WARNING! Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with FCC Rules Part 15 and with Industry Canada licence-exempt RSS standard(s). Operation is subject to two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received or that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.