

Q-Card



Auto XL Quick Setup Card

Version - February 2006
For Software Version V1.05

Part Number - 39-0015



General Specifications

Parlour Size: 16 or 24pt on main relay board.
38pt max. with Feeder Relay Extension Box.

Meridian: On board.

Electronic Fuse: 3Amps approximately: Software reset.
Diagnostic display shows stall message:
'Fuse'.

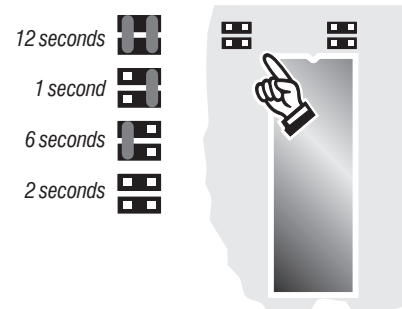
Diagnostic display shows PSU message:
'PS Fail'.

Relay Board: Relays: 16Amp rating: Switched (+/-).
Address jumpers:

	Main Board	Extension Box
No larger than 24pt:		N/A
Larger than 24pt:		

Systems with Feeder Relay Extension Box: the
Extension Box controls feeders 1 through 24
and the main board 25 through 38.

Standby: Individual stall or batch
Batch running time set by jumpers:



Feeder OFF position on Mode Selector Switch

Quick Setup

Function Mode Key Sequence:

- Press the Side key
- Press the Batch(ENTER) key
- Press the 0(FUSE) key
- Key the Function Number
- Press the Batch(Enter) key.

Set Number of Feeders/Stalls per Side: Function 82

- Run the Function Mode Key Sequence.
- Message = 'St'
- Key the number of feeders/Stalls using the 0-9 keys.
- Max=19.
- Press Batch(ENTER)

Set Number of Feeders to Run: Function 83

- Run the Function Mode Key Sequence.
- Message = 'Fr'
- Key the number of feeders to run using the 0-9 keys.
- Safe=4
- Press Batch(ENTER)

Set Type of Feeder: Function 84

- Run the Function Mode Key Sequence.
- Message = 'PU'
- Key the feeder type. Key '0' for timed electric. Key 1, 2, 3 or 4 for number of pulses for pulsed feeder.
- Press Batch(ENTER)

Set Feeding Mode: Function 81

- Run the Function Mode Key Sequence.
- Message = 'SF'
- Press key 0(FUSE) to toggle Stored Mode 'on' or 'off'.
- Select 'off' for normal Sequential feeding.
- Press Batch(ENTER)

Bleep Enable/Disable: Function 89

- Run the Function Mode Key Sequence.
- Message = 'bL'
- Press key 0(FUSE) to toggle between 'on' and 'off'
- Press Batch(ENTER)

Set Default Total Display: Function 85 and 86

Select either Total Cumulative Feed (Function 85) or Total Cows Fed this Milking (Function 86). Whichever function runs becomes the default display.

Run the Function Mode Key Sequence using the desired function number (85 or 86).

Message = 'dd Ftot' or 'dd cFEd'

Press Batch(ENTER)

Display Cows Fed this Milking: Function 3

Run the Function Mode Key Sequence.

Message = 'cF' with cows fed total in Totals window.

Press the Side key to clear the display

Clear Cows Fed this Milking Total: Function 13

This total is usually cleared automatically about 30 minutes after milking.

Run the Function Mode Key Sequence.

To Key In Function 13 Use '1' and '3' Keys

Message = 'cF' with cows fed total cleared to zero.

Press the Side key to clear the display

Display Feed Dispensed this Milking: Function 4

Run the Function Mode Key Sequence.

Message = 'MF' with the feed total in Totals window.

Press the Side key to clear the display

Clear Feed Dispensed this Milking: Function 14

This total is usually cleared automatically about 30 minutes after milking.

Run the Function Mode Key Sequence.

To Key In Function 14 Use '1' and '4' Keys

Message = 'MF' with the feed total cleared to zero.

Press the Side key to clear the display

Clear Cumulative Feed Total: Function 15

The counter rolls over to zero at 99999

Run the Function Mode Key Sequence.

To Key In Function 15 Use '1' and '5' Keys

Message = 'Fc' with the feed total cleared to zero.

Press the Side key to clear the display

Serial Number and Software Version: Functions 77 & 2

Run the Function Mode Key Sequence using function 77 for the Serial Number or function 2 for the Software Version.

Message = 'Sn' or 'EP'

Press the Side key to clear the display.

Calibrate: Function 1

This feature increases or decreases the ration as a percentage of the Run Time value. Set to 100 to deliver 'flat' ration. Range is 1 through 200.

Run the Function Mode Key Sequence.

Message = 'cL'

Key the new calibration value.

Press the Batch(ENTER) key.

Set Feeder Run Time: Function 87

This feature sets the time for which a feeder will run. Increments are 0.01 seconds to a maximum of 9999 (99.99 seconds).

Run the Function Mode Key Sequence.

Message = 'Fc'

Key the new Run Time value. Use trailing zeros.

Press the Batch(ENTER) key.

Batch Feeding

Batch feeding starts at the current stall number and ends at the highest stall number on one side.

Press the Batch(ENTER) key.

Message = 'Batch'

Press the required ration key. Feeding starts automatically.

Automatic Fuses: Reset

Press key 0(FUSE) to initiate the warning reset.

Clear the problem before attempting to use that feeder again

Feeder Setup

Check Calibration value = 100

Run the Function Mode Key Sequence using '1' as the Function Number.

Message = 'cL' with current value.

Key '100'

Press Batch(ENTER).

Select the Feeder Run Time

Run the Function Mode Key Sequence using '87' as the Function Number.

Message = 'Fc' with current Run Time value.

Press key 15. Feeder 1 will dispense cake.

Weigh the cake. Aim for 500grams.

If the weight is too high or too low:

Press Batch(ENTER).

Key a new Run Time value lower for less cake or higher for more cake.

Press Batch(ENTER).

Repeat weighing process above until weight is correct.

Apply the Feeder Run Time

Repeat the process for the other feeders using key 0(FUSE) to step through the feeders or:

Run the Function Mode Key Sequence using '87' as the Function Number.

Message = 'cL' with current value.

Press key 11. Message = 'AL'

Key the new Run Time value.

Press Batch(ENTER). The Run Time value will be applied to all of the remaining feeders.

Fine Tune Calibrate

Run the Function Mode Key Sequence using '1' as the Function Number.

Message = 'cL' with current value.

Feed a single ration and check the weight.

Adjust the ration by altering the Calibration value as a percentage.

Press Batch(ENTER).