

31.1.1 Dispenser Communication Error Codes for units containing the DeLaRue SDD-1700 feeders only:

- 001 No acknowledgment received.
- 002 Command transmit time-out.
- 003 Command response receive time-out.
- 004 Communication write failed.
- 005 Block check character error.
- 006 End of transmission character not received.
- 007 Special option flag set in error.
- 008 Invalid protocol selection.
- 009 FIB (Feeder/dispenser Interface Board) jumper setting error.
- 010 FIB not responding.
- 011 FIB error recovery failure.
- 012 Internal AnyCard logic error.
- 013 Power fail during dispense.

31.1.2 Dispenser Operational Error Codes for units containing the DeLaRue SDD-1700 feeders only:

- 033 Feed failure.
- 034 Item mis-track at feed.
- 035 Item mis-track at doubles detector.
- 036 Item mis-track at exit.
- 037 Item too long at exit.
- 038 Blocked exit.
- 039 Too many items.
- 040 Timing wheel error.
- 041 Band roller profile error.
- 042 Diverter error.
- 043 Exit quantified error.
- 044 Item missing at doubles detector.
- 045 Reject rate exceeded.
- 046 Jam at exit.
- 047 Interference recovery.
- 048 Suspect exit accountancy.
- 049 Read-write memory error.
- 050 Read-only memory error.
- 051 Operation time-out.
- 052 Read-write memory corruption.
- 053 Link error.
- 054 Feed sensor blocked.
- 055 Exit sensor blocked.
- 056 Cassette low indicator.
- 057 Exit sensor dirty.
- 058 Average item thickness range error.
- 059 Average item length range error.
- 060 Soft reset failure.
- 061 Firmware version invalid.
- 062 Firmware issue number invalid.
- 063 Transport type invalid.
- 064 Currency type error.

31.1.3 Dispenser Operational Error Codes for units containing the DeLaRue MDDM feeders only:

- 001 Delivery failure.
- 002 Sub-unit faulty.
- 003 Cassette faulty.
- 004 Reserved.
- 005 Wrong count.
- 006 Cleaning fingers failure.
- 007 Reject failure.
- 008 Conveyor failure.
- 009 Main motor failure.
- 010 Gain limit error.
- 011 Shutter failure.
- 012 Throat error.
- 013 Feed failure.
- 014 Doubles detector error.
- 015 Illegal cassette number.
- 016 Feeder sensor failure.
- 017 Sensor error.
- 018 Sub-unit not installed.
- 019 No message to resend.
- 020 Power or cable(s) error.
- 020 FIB error recovery failure.
- 020 FIB not responding.
- 020 Dispenser jumper setting error.
- 024 BIN post event.
- 033 Items rejected.
- 034 No items retracted.
- 035 Warning - reject cassette full.
- 036 High pressure in feeder.
- 037 Sub-unit operation.
- 038 Module needs service.
- 039 Spare.
- 040 Transmission error.
- 041 Illegal command.
- 042 Communication time-out.
- 043 Must read cassette ID's.
- 044 Sub-unit communications error.
- 045 Empty cassette(s).
- 046 Lifts are down.
- 047 Cassette not installed.
- 048 Reject bin not installed.
- 049 Too many items requested.
- 050 Items in delivery throat.
- 051 Reject cassette full.

31.1.4 Dispenser Operational Error Codes for units containing the DeLaRue NMD-50 or NMD-100 feeders only:

- 001 Delivery failure.
- 002 NMD data corrupt.
- 003 Cassette lock faulty.
- 005 Jam in note stacker.

006 Wrong count.
007 Reject failure.
008 Jam in note transport.
009 Main motor failure.
010 Note qualifier faulty.
011 Shutter failure.
012 Throat error.
013 Feed failure.
014 Jam in note qualifier.
015 Cassette data corrupted.
016 Cassette exit sensor failure.
017 Sensor error.
019 No message to re-send.
020 Power or cable(s) error.
020 FIB error recovery failure.
020 FIB not responding.
020 Dispenser jumper setting error.
020 BIN post event.
033 Clear dispenser transport.
034 Reserved.
035 No notes retracted.
036 Reject cassette full.
037 Reserved.
038 All cassettes need calibration.
039 Module needs service.
040 No data available.
041 Command transmission error.
042 Illegal command.
043 Communications time-out.
044 Bin change - must read IDs.
045 Reserved.
046 Cassette empty.
047 Lifts are down.
048 Cassette not installed.
049 Reject bin not installed.
050 Too many notes requested.
051 Notes in delivery throat.
052 Reject cassette full.
053 All cassettes out of service.
054 Cassette exit sensor failure.

31.1.5 Dispenser Operational Error Codes for units containing the Fujitsu Single/Expandable feeders or

001 Internal AnyCard logic error.
002 ENQ transmit timeout.
003 Communications write error.
004 No ACK received.
005 Unknown command.
006 Response timeout.
007 Parameter not registered.
008 Count instruction without setup.
009 Too many items requested.

- 010 Invalid ISO code for parameter.
- 011 Invalid item length or thickness.
- 012 Invalid parameter.
- 013 Command format error.
- 014 Pulse motor over current detected.
- 015 Main motor over current detected.
- 016 Checksum error of log data.
- 017 Sensor abnormal.
- 018 Item at exit sensor after mechanical reset.
- 019 Unknown error code.
- 020 Invalid ISO parity.
- 021 Power fail during dispense.
- 022 FIB not responding.
- 023 FIB error recovery failure.
- 024 Dispenser download error.
- 025 Undefined RAS command.
- 026 Dispenser 24 volt power loss.
- 027 FIB (Feeder/dispenser Interface Board) jumper setting error.
- 028...032 Spare.
- 033 Cassette 1 not installed.
- 034 Cassette 1 pick failure.
- 035 Cassette 2 not installed.
- 036 Spare.
- 037 Cassette 3 not installed.
- 038 Spare.
- 039 Cassette 4 not installed.
- 040 Spare.
- 041 Reject box overflow.
- 042 Suspected item on transport belts.
- 043 Motor turning without permission.
- 044 Motor failure.
- 045 Jam between pick and potentiometer sensors.
- 046 Jam at potentiometer sensor.
- 047 Jam between potentiometer and exit sensors.
- 048 Check diverter gate.
- 049 Item too long.
- 050 Item too short.
- 051 Item thickness abnormal.
- 052 Spurious item detected at cassette sensor.
- 053 Item spacing too close.
- 054 Check diverter gate.
- 055 Potentiometer failure.
- 056 Empty cassette/s.
- 057 All cassettes need calibration.
- 058 Clear dispenser transport required.
- 059 All cassettes out of service
- 060...064 Spare.

31.1.6 Dispenser Operational Error Codes for units containing the Fujitsu Single/Expandable feeders or
Code Definition:.....

- 065 Audible alarm active.

- 066 Printer time-out.
- 067 Card reader failure.
- 068 Dispensed item count not equal to requested item count.
- 069 Diskette receipt write error.
- 070 Diskette initialization error.
- 071 Diskette write error.
- 072 Diskette read error.
- 073 No diskette in drive.
- 074 Spare.
- 075 Diskette format error.
- 076 Bad diskette.
- 077 Door opened with no log-on.
- 078 Item count equals zero.
- 079 Telephone line and/or modem problem(s).
- 080 Modem TX/RX problems.
- 081 Reversal in process.
- 082 Scheduler/Kernel error.
- 083 Host response Message Type 97 - invalid Sequence Number.
- 084 Host response Message Type 99 - invalid request Terminal ID.
- 085 Card removal display message down-load error.
- 086 Printer paper low.
- 087 No valid cash selections.
- 088 Transaction file date error. (Cleared only on cold-start).
- 089 Host response Message Type 96 - invalid message sequence.
- 090 Host type-2 dispense amount error.
- 091 Out of Service – must perform close-out.
- 092 Flash memory write error.
- 093 RAM test failure.
- 094 Application flash failure.
- 095 Modem Setup Required – External Modem.
- 096 Security module is tampered, re-enter master keys.

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31.1.7 Dispenser Operational Error Codes for units containing the LG MCDM feeders only:

Code Definition:.....

- 001 No acknowledgment received.
- 002 Dispenser not responding.
- 003 Communication Line error.
- 004 Transmit timeout error.
- 005 Response content error.
- 006 Message check character error.
- 007 Receive timeout error.
- 008 Post processing error.
- 009 FIB error recovery failure.
- 010 FIB not responding.
- 011 Dispenser jumper setting error.
- 012 Power failure during dispense.
- 013 No acknowledgment received.
- 014 Dispenser not responding.
- 015 No acknowledgment received.
- 016 Dispenser not responding.

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- 032 Spare.
- 033 Feed failure.
- 034 Note separation error.
- 035 Sensed double detect before pick.
- 036 Pick sensor blocked.
- 037 Delay at exit sensor.
- 038 Exit sensor blocked.
- 039 Timing wheel error.
- 040 Double detected before picking.
- 041 Diverter error.
- 042 Exit count error.
- 043 No note at double detect.
- 044 Reject rate exceeded.
- 045 Reject sensor error.
- 046 Exit sensor initialization error.
- 047 Empty cassettes(s).
- 048 Double detect sensor abnormal.
- 049 Dispenser error code unknown.
- 050 Dispense timeout.
- 051 Purge did not operate.
- 052 Purge timeout.
- 053 Bad command to dispenser.
- 054 Cassette 1 pick sensor blocked.
- 055 Cassette 2 pick sensor blocked.
- 056 Cassette 3 pick sensor blocked.
- 057 Cassette 4 pick sensor blocked.

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31.1.8 Dispenser Operational Error Codes for units containing the TCDM feeders only:

Code Definition:.....

- 001 DISPENSER WILL NOT ACKNOWLEDGE.
- 002 DISPENSER NOT RESPONDING.
- 003 DISPENSER LINE ERROR.
- 004 DISPENSER TRANSMIT TIMEOUT.
- 005 DISPENSER RESPONSE FORMAT ERROR.
- 006 DISPENSER BLOCK CHECK CHAR ERROR.
- 007 DISPENSER RESPONSE TIMEOUT.
- 008 DISPENSER POST EVENT.
- 009 FIB ERROR RECOVERY FAILURE.
- 010 FIB NOT RESPONDING.
- 011 DISPENSER JUMPER SETTING ERROR.
- 012 POWER FAIL DURING DISPENSE.
- 013 EMPTY CASSETTE(S).
- 014 ALL CASSETTES OUT OF SERVICE.
- 015 LEFT CASSETTE 4 SENSOR BLOCKED.
- 016 RIGHT CASSETTE 4 SENSOR BLOCKED.
- 017 LEFT CASSETTE 3 SENSOR BLOCKED.
- 018 RIGHT CASSETTE 3 SENSOR BLOCKED.
- 019 LEFT CASSETTE 2 SENSOR BLOCKED.
- 020 RIGHT CASSETTE 2 SENSOR BLOCKED.
- 021 LEFT CASSETTE 1 SENSOR BLOCKED.
- 022 RIGHT CASSETTE 1 SENSOR BLOCKED.

- 023 LEFT SENSOR BEFORE RVDT BLOCKED.
- 024 RIGHT SENSOR BEFORE RVDT BLOCKED.
- 025 LEFT SENSOR BEFORE DIVERter BLOCKED.
- 026 RIGHT SENSOR BEFORE DIVERter BLOCKED.
- 027 LEFT REJECT SENSOR BLOCKED.
- 028 RIGHT REJECT SENSOR BLOCKED.
- 029 LEFT SENSOR AFTER DIVERter BLOCKED.
- 030 RIGHT SENSOR AFTER DIVERter BLOCKED.
- 031 LEFT EJECT SENSOR BLOCKED.
- 032 RIGHT EJECT SENSOR
- 033 Pick Failure.
- 034 Jam Between Cassette 1 and RVDT.
- 035 Jam Between Cassette 2 and RVDT.
- 036 Jam Between Cassette 3 and RVDT.
- 037 Jam Between Cassette 4 and RVDT.
- 038 JAM BETWEEN RVDT AND DIVERter.
- 039 JAM BETWEEN DIVERter AND EXIT.
- 040 JAM BETWEEN DIVERter AND REJECT.
- 041 NOTE AT EXIT TOO LONG.
- 042 NOTE AT EXIT TOO SHORT.
- 043 BLDC MOTOR FAILURE.
- 044 SENSOR ERROR.
- 045 MOTOR FAILURE CHECK 24V POWER.
- 046 ABNORMAL FEEDING SPEED.
- 047 DIVERter FAILED NOTE(S) REJECTED.
- 048 DIVERter FAILED NOTE(S) EJECTED.
- 049 DIVERter FAILED DURING INITIALIZATION.
- 050 SENSOR ERROR, NOTES MISTRACKED.
- 051 NOTE SKEW, CHECK CONDITION OF NOTES.
- 052 TOO MANY NOTES REQUESTED.
- 053 TOO MANY NOTES REJECTED.
- 054 TCDM UNKNOWN COMMAND.
- 055 POTENTIOMETER ERROR.
- 056 REJECT CASSETTE MISSING.
- 057 TCDM DIP SWITCH 3 NOT SET CORRECTLY.
- 058 WARNING - CASSETTE MISSING.
- 059 WARNING - REJECT CASSETTE ALMOST FULL.
- 060 DISPENSING FROM WRONG CASSETTE.
- 061 CLEAR DISPENSER ERRORS EJECTED NOTES.
- 062 ALL CASSETTES NEED CALIBRATION.
- 063-064 Reserved for future definition and use.

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31.1.9 General Error Codes which are independent of feeder type:

Code Definition:.....

- 065 Audible alarm active.
- 066 Printer time-out.
- 067 Card reader failure.
- 068 Dispensed item count not equal to requested item count.
- 069 Diskette receipt write error.
- 070 Diskette initialization error.
- 071 Diskette write error.
- 072 Diskette read error.

073 No diskette in drive.
074 Spare.
075 Diskette format error.
076 Bad diskette.
077 Door opened with no log-on.
078 Item count equals zero.
079 Telephone line and/or modem problem(s).
080 Modem TX/RX problems.
081 Reversal in process.
082 Scheduler/Kernel error.
083 Host response Message Type 97 - invalid Sequence Number.
084 Host response Message Type 99 - invalid request Terminal ID.
085 Card removal display message down-load error.
086 Printer paper low.
087 No valid cash selections.
088 Transaction file date error. (Cleared only on cold-start).
089 Host response Message Type 96 - invalid message sequence.
090 Host type-2 dispense amount error.
091 Out of Service – must perform close-out.
092 Flash memory write error.
093 RAM test failure.
094 Application flash failure.
095 Modem Setup Required – External Modem.
096 Security Module Tampered
097 Cassette-1 empty.
098 Cassette-2 empty.
099 Cassette-3 empty.
100 Cassette-4 empty.
101 Cassette-5 empty.
102 Cassette-6 empty.
103 Cassette-7 empty.
104 Cassette-8 empty.
105 Cassette-1 low.
106 Cassette-2 low.
107 Cassette-3 low.
108 Cassette-4 low.
109 Cassette-5 low.
110 Cassette-6 low
111 Cassette-7 low.
112 Cassette-8 low
113 Cassette-1 zero document count.
114 Cassette-2 zero document count.
115 Cassette-3 zero document count.
116 Cassette-4 zero document count.
117 Cassette-5 zero document count.
118 Cassette-6 zero document count.
119 Cassette-7 zero document count.
120 Cassette-8 zero document count.
121 Cassette-1 needs calibration.
122 Cassette-2 needs calibration.
123 Cassette-3 needs calibration.
124 Cassette-4 needs calibration.

125 Cassette-5 needs calibration.
126 Cassette-6 needs calibration.
127 Cassette-7 needs calibration.
128 Cassette-8 needs calibration.

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