

SONY®

SERVICE BULLETIN

No. CS-94-014
(1/7)

SUBJECT: ERROR CODE UNDER TEST MODE
SUJET:

DATE: AUGUST 1994

MODEL(S): SEE BELOW

MODELS: CDX-45/65/A55/U70/U300/U303/U500/U606
MDX-40/100/400/U1, XES-C1

Please refer to the Error Code under Test Mode.

'XO' in 'Err-nln XO' means nothing in particular

ERROR DISPLAY UNDER TEST MODE

Model Name	Error Display	Meaning
XES-C1	Err-00X0	0001#
	Err-11X0	1101#
	Err-12X0	1201#
	Err-13X0	1301#
	Err-14X0	1401#
	Err-15X0	1501#
	Err-20X0	2001#
	Err-90X0	9001#
	Err-C0X0	C001#
	Err-D0X0	D001#
	Err-F1X0	F101#
	Err-F2X0	F201#
	Err-F3X0	F301#
	Err-F4X0	F401#
	Err-F5X0	F501#
	Err-F6X0	F601#
	Err-F7X0	F701#
Err-F8X0	F801#	
Err-F9X0	F901#	
Err-FAX0	FA01#	
CDX-U500 U300 U303	Err-00X0	0001#
	Err-11X0	1101#
	Err-12X0	1201#
	Err-13X0	1301#
	Err-14X0	1401#
	Err-15X0	1501#
	Err-20X0	2001#
	Err-90X0	9001#
	Err-C0X0	C001#
	Err-D0X0	D001#
	Err-F1X0	F102#
	Err-F2X0	F202#
	Err-F3X0	F302#
	Err-F4X0	F402#
	Err-F5X0	F502#
	Err-F6X0	F602#
	Err-F7X0	F702#

ME94008

SONY OF CANADA LTD.

411 Gordon Baker Road, Willowdale, Ontario M2H 2S6

NATIONAL LAB - CONSUMER SERVICE

Model Name	Error Display	Meaning
※) CDX-U70	E-01 E-02 E-04 E-77 E-99	0001# C001# 1001# D001# F001#
	Err-00X0 Err-11X0 Err-12X0 Err-13X0 Err-14X0 Err-15X0 Err-20X0 Err-90X0 Err-C0X0 Err-D0X0 Err-F1X0 Err-F2X0 Err-F3X0 Err-F4X0 Err-F5X0 Err-F6X0 Err-F7X0	0001# 1101# 1201# 1301# 1401# 1501# 2001# 9001# C001# D001# F102# F202# F302# F402# F502# F602# F702#
CDX-U606	Err-00X0 Err-11X0 Err-12X0 Err-13X0 Err-14X0 Err-15X0 Err-16X0 Err-20X0 Err-41X0 Err-42X0 Err-43X0 Err-44X0 Err-45X0 Err-90X0 Err-C0X0 Err-D0X0 Err-F1X0 Err-F2X0 Err-F3X0 Err-F4X0 Err-F5X0 Err-F6X0 Err-F7X0	0001# 1102# 1202# 1302# 1402# 1502# 1602# 2001# 4102# 4202# 4302# 4402# 4502# 9001# C001# D001# F102# F202# F302# F402# F502# F602# F702#

Model Name	Error Display	Meaning
※) CDX-45	E-01	0001#
	E-02	C001#
	E-04	1001#
	E-77	D001#
	E-99	F001#
	Err-00X0	0001#
	Err-11X0	1102#
	Err-12X0	1202#
	Err-13X0	1302#
	Err-14X0	1402#
	Err-15X0	1502#
	Err-16X0	1602#
	Err-20X0	2001#
	Err-41X0	4102#
	Err-42X0	4202#
	Err-43X0	4302#
	Err-44X0	4402#
	Err-45X0	4502#
	Err-90X0	9001#
	Err-C0X0	C001#
	Err-D0X0	D001#
	Err-F1X0	F102#
	Err-F2X0	F202#
	Err-F3X0	F302#
	Err-F4X0	F402#
	Err-F5X0	F502#
	Err-F6X0	F602#
	Err-F7X0	F702#
CDX-65	Err-00X0	0001#
	Err-11X0	1102#
	Err-12X0	1202#
	Err-13X0	1302#
	Err-14X0	1402#
	Err-15X0	1502#
	Err-16X0	1602#
	Err-20X0	2001#
	Err-41X0	4102#
	Err-42X0	4202#
	Err-43X0	4302#
	Err-44X0	4402#
	Err-45X0	4502#
	Err-90X0	9001#
	Err-C0X0	C001#
	Err-D0X0	D001#
	Err-F1X0	F102#
	Err-F2X0	F202#
	Err-F3X0	F302#
	Err-F4X0	F402#
	Err-F5X0	F502#
	Err-F6X0	F602#
	Err-F7X0	F702#

Model Name	Error Display	Meaning
※) CDX-A55	E-01 E-02 E-04 E-77 E-99	0001# C001# 1001# D001# F001#
MDX-U1 -100	Err-00X0 Err-11X0 Err-12X0 Err-13X0 Err-14X0 Err-1FX0 Err-90X0 Err-D0X0 Err-F1X0 Err-F2X0 Err-F3X0	0003# 1103# 1203# 1303# 1403# 1F03# 9003# D001# F103# F203# F303#
MDX-400 -40	Err-00X0 Err-11X0 Err-12X0 Err-13X0 Err-14X0 Err-15X0 Err-16X0 Err-17X0 Err-20X0 Err-30X0 Err-90X0 Err-B0X0 Err-C0X0 Err-D0X0 Err-F1X0 Err-F2X0 Err-F3X0 Err-F4X0 Err-F5X0 Err-F6X0	0001# 1104# 1204# 1304# 1404# 1504# 1604# 1704# 2001# 3001# 9004# B001# C001# D001# F104# F204# F304# F404# F504# F604#

- ※) These models adopt UNILINK SYSTEM (except CDX-A55).
However, error display method is different according to the master unit.
If display of the master unit or display of the modulator is 7 segment type, error will be displayed simply as E-00.
If display of the master unit or display of the modulator is 14 or 35 segment type, error will be displayed as Err-n1n2.

MESSAGE	MEANING
0001#	Magazine Not In
0003#	Mini Disc Cartridge Not In
1001#	Servo Control Error
1101#	" ① FOCUS error ② FOCUS not on
1201#	" ① GFS error ② GFS became LOW for 5 sec.
1301#	" ① SLED MAX TIME OVER ② Over 15 sec to send SLED to LIMIT SW on internal circumference.
1401#	" ① GFS error ② GFS did not become HIGH after 3 sec. of FOCUS ON.
1501#	" ① TOC READ error ② TOC not read after 15 sec. of TOC READ process.
1102#	" ① FOCUS error ② FOCUS not on
1202#	" ① GFS error ② GFS did not become HIGH after 4 sec. of FOCUS ON.
1302#	" ① SLED MAX TIME OVER ② Over 5 sec. to send SLED to LIMIT SW on internal circumference.
1402#	" ① SUB-Q READ error ② In case SUB-Q not read for 4 sec., all the SERVO turned off for 600 msec. retried in vain.
1502#	" ① TOC READ error ② TOC not read after 15 sec. of TOC READ process.
1602#	" ① FOCUS RETRY COUNTER OVER error ② In case FOCUS became LOW while making GFS stable after FOCUS on, FOCUS was tried again but turned to FOCUS error.
1103#	" ① FOCUS error
1203#	" ① LOCK error
1303#	" ① SUB-Q READ error (SUB-Q not read for 2 sec. and SERVO turned off once and on. Again SUB-Q not read for 2 sec.) ② Or, PTOC or UTOC not readable. ③ Or, BLANK disc.
1403#	" ① SUB-Q READ error (SUB-Q not read for 2 sec. and SERVO turned off once and on. Again SUB-Q not read for 2 sec.)
1F03#	" ① Due to HYBRID DISC, control unable.

MESSAGE	MEANING
1104#	Servo Control Error ① SLED MAX TIME OVER
1204#	" ① FOCUS error
1304#	" ① LOCK error
1404#	" ① PTOC READ MAX TIME OVER error
1504#	" ① PTOC ID ("MINI") incorrect
1604#	" ① PTOC not read due to C2P0 error
1704#	" ① UTOC not read due to C2P0 error
2001#	No Disc to Load
3001#	BLANK Disc
4102#	Access Start ① FOCUS came off for 63 msec.
4202#	" ① When SUB-Q read and compared with previous SUB-Q, difference was over 1 sec. 30 frames ahead accessed.
4302#	" ① When SUB-Q read and compared with previous SUB-Q, it did not go forward. 30 frames ahead accessed.
4402#	" ① SUB-Q not read for 4 sec. Or CRCF not read for 3 sec.
4502#	" ① GFS became LOW for 2 sec.
9001#	Magazine Inserted into Changer
9003#	Mini Disc Cartridge Inserted
B001#	Front Panel Open
C001#	No Disc in Magazine
F001#	Error on Mechanical Deck
F101#	" ① Control unable during CBS (come back search)
F201#	" ① Control unable during DGS (disc get search)
F301#	" ① Control unable during LOAD
F401#	" ① Control unable during SAVE
F501#	" ① Control unable during LVO (lever out)
F601#	" ① Control unable during GTH (go to home)
F701#	" ① Control unable during EJT (eject)
F801#	" ① Control unable during PSET (magazine set)

MESSAGE	MEANING
F901#	Error on Mechanical Deck ① Control unable during FEJT (Forced EJECT)
FA01#	" ① Control unable during GTHR (go to home of reset)
F102#	" ① Control unable during DGS (disc get search)
F202#	" ① Control unable during LOAD
F302#	" ① Control unable during SAVE
F402#	" ① Control unable during LOP (lever open)
F502#	" ① Control unable during LCL (lever close)
F602#	" ① Control unable during ERT (elevator reset)
F702#	" ① Control unable during EJT (eject)
F103#	" ① LOAD failed and EJECT tried but system re-locked out.
F203#	" ① EJECT failed and system tried to insert a disc once, but locked out.
F303#	" ① In case EJECT failed, a disc was inserted once for EJECT again. After 3 times of this retry, EJECT was unable.
F104#	" ① Control unable during CHK (chucking)
F204#	" ① Control unable during RLS (release)
F304#	" ① Control unable during DGS (disc get search) <operation to rotate pick-up to chuck aimed disc>
F404#	" ① Control unable during GTH (go to home) <operation to move pick-up to its home position>
F504#	" ① Control unable during DGS2 (2nd disc get search) <operation to move pick-up to 2nd disc position to open Front Panel>
F604#	" ① Control unable during SLDRV (sled reverse) <operation to move SLED to internal circumference under Test Mode>
D001#	High Temperature
9004#	Magazine of Mini Disc Inserted