

TABLE OF ERROR CODES for Audio Products

Quick Reference of Error Codes <Classified and Coded Troubles>

U group: Those reparable by users

H group: Those to be repaired by dealers

F group: Those to be repaired by service specialists

Group	Block	No.	Trouble or Defective Part
U	General	U01	Battery
		U02	Power plug slipped out
		U70	T-bus not connected
H	Cassette	H01	Mode switch, plunger, or capstan motor defective
		H02	Recording detect switch defective
		H03	Half switch defective
		H04	Open switch defective
		H05	Close switch defective
		H06	Cr02 detect switch defective
		H07	Metal detect switch defective
	CD	H15	Open switch defective
		H16	Close switch defective
		H17	Half open switch defective
F	Mechanism	F01	Reel pulse unusual
		F02	TPS defective
		F03	Reel motor defective (Motor, IC, gear, etc.)
	CD	F15	Rest switch defective
		F16	Up switch defective
		F17	Down switch defective
		F18	Turret rotation not properly detected
		F19	Motor rotation not properly detected
		F20	Loading motor rotation not properly detected
		F21	Loading motor rotation not properly reversed
		F22	Loading motor or mechanism defective
		F23	Solenoid or solenoid mechanism defective

		F24	Half open switch defective
		F25	Full open switch defective
		F26	Communication between CD servo LSI and microcomputer faulty
		F27	Slide action unusual (Position switch defective)
		F28	Failure in disc loading
		F29	Failure in disc unloading
		F30	Disc sensor defective
	Tuner	F56	PLL unlocked during reception
		F57	PLL unlocked during transmission
		F58	Failure in ID-ROM reading
	Amp	F61	Power amplifier output unusual
		F66	CCRT defective 1 (in recording of test signal)
		F67	CCRT defective 2 (in playback of test signal)
		F68	Playback adjustment faulty
		F69	Recording/playback select switch defective
		F70	Communication between peripheral LSI and microcomputer faulty
	CD	F75	Failure in CD power supply
	Mechanism	H85	Open switch defective (cobra, etc.)
		F86	Close switch defective (cobra, etc.)

2. Description of error codes

(1) CD Stereo System (MODEL: SC-CH34, -CH74, -CH75, -AK20, -AK40, -AK60)

<Cassette Mechanism Block>

Error	Symptom	Remedy (Check and replace)
HOI	Irregular action cassette mechanism	Cassette mechanism mode switch Plunger
H02	No recording	Record detect switch Erasure prevention tab detect switch
H03	Pressing the PLAY button fails to play the tape.	Cassette half detect switch.
F01	When the PLAY button is pressed, the tape runs a little and stops soon.	Hall IC
F02	TPS does not operate.	PLAY BACK AMP IC

<5-CD changer mechanism block>

Error	Symptom	Remedy (Check and replace)
F15	CD does not function.	REST switch
F16	CD does not function.	Traverse up detection switch.
F25	Tray does not stay open.	Tray open detection switch.
F26	CD does not function.	1. System control 2. Servo processor
F27	Tray number does not detect correctly.	Tray number detection switch.
F28	CD loading mechanism does not move correctly.	1. Stocker position detection switch 2. Play position detection switch.
F75	CD does not function.	Amplifier output IC or servo Servo processor IC

<Power supply block>

Error	Symptom	Remedy (Check and replace)
F61	When the power switch is switched on, it automatically switches back off, making it impossible to switch power on.	Faulty amplifier output IC or fan motor. (Check and replace)

(2) Video CD Changer (MODEL: SL-VM500, -VM505, -VM510)

Error	Symptom	Remedy (Check and replace)
H15	CD tray does not open or close.	1. Loading motor 2. Motor drive IC (IC501) 3. Open/Close detect switch (S551)
H16	CD tray does not open or close.	
F18	The rotary turret continues to turn at the initial position without stopping.	Optical sensor (D501)
F26	"F26" remains on the FL display, rendering the controls inoperative.	1. System control (IC401) 2. Servo processor (IC702) 3. FFC

(3) CD Mega Changer (Model: SL-MC50, -MC59, -MC60, -MC300, -MC400, -MC409, -MC410, -MC700, SC-CH64M, SC-AK40, SC-AK90)

Error code	Symptom	Remedy (Check and replace)
F15	CD does not function.	Rest detect switch (S701)
F26	CD does not function.	1. System control IC (IC401) 2. Servo circuit.
F27	Tray number does not detect correctly.	1. Slide motor (M511), position sensor 2. Position sensor (Q522,D522) 3. Speed sensor (D511)
F28	CD loading mechanism does not move correctly.	1. Clamp det./FREE switch (S503) 2. Clamp switch(S502) 3. Loading motor (M501) 4. Loading system
F29	CD unloading mechanism does not move correctly.	

(4) Portable CD player (Model: SL-S120, -S125, -S220, -S225, S280, -S318, -S320, -S450, -S480)

Error code	Symptom	Remedy (Check and replace)
F15	CD does not function.	Rest detect switch (S202)

(5) Cassette deck (Model: RS-TR373, -TR474, -TR575, -BX501, -BX601)

Error	Symptom	Remedy (Check and replace)
HOI	Irregular action of cassette mechanism.	Cassette mechanism mode switch (S971, S971A)
H02	No recording.	Erase preventing switch (S974, S974A, S975, S975A)
H03	Does not playback	Cassette half detect switch (S972, S972A)
H04	The cassette holder will not open or close when the OPEN/CLOSE button pressed.	Cassette holder open/close detect switch (S803, S804, S853, S854)
H05		
H06	No treble is produced when a normal tape is played or recorded. Excessive treble is produced when a Gr02/Metal tape is played or the recorded treble is destroyed and at a low level.	Auto tape select(Cr02) detect switch (S973, S973A)
H07		Auto tape select (Metal) detect switch (S976, S976A)
F01	When the PLAY button is pressed, the tape runs a little and stops soon.	Hall IC (IC971, 971A, 972, 972A)
F02	TPS does not operate.	Playback Amp. IC (IC 2)
F03	The unit does not operation.	Reel motor.

(6) CD Radio Cassette (Model: RX-ED70, -ED77, - ED90)

Error	Symptom	Remedy (Check and replace)
U01	When operating on batteries, power goes off immediately after being turned on.	Batteries
U02	Power cannot be switched on.	1. AC power cord 2. Batteries
H01	Cassette deck does not operate correctly	Cassette mechanism mode switch (S951, S971)
H02	No recording.	Erase prevention tab detect switch (S974, S975)
H03	Does not playback.	Tape detect switch (S952, S972)
H15	The CD tray closes immediately after it is opened.	CD tray open detection switch (S790)
H16	The CD tray opens immediately after it is closed.	CD tray close detection switch (S791)
F01	When the PLAY button is pressed, the tape runs a little and stops soon.	Hall IC
F02	TPS does not operate.	1. Rec/Play EQ Amp. IC (IC302) 2. TPS Drive Tr. (Q322) 3. Solenoid Drive Tr. (Q605, Q606)
F15	CD does not function.	Rest detect switch
F26	CD does not function.	1. System control IC 2. Servo processor IC
F75	When a CD is loaded, "NO DISC" is displayed and the CD does not play.	1. CD circuit power supply 2. Servo processor IC