TASCAM

TASCAM SS250 CONTROL
Remote Control Protocol
Command list

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TEAC Corporation

【1】Cmd 00h～7Fh, 80h～FFh

CMD Code	Commands	Data	Description	Note
10	STOP		STOP, Input Monitor OFF	
12	PLAY			
13	RECORD	00		REC PLAY
		01		REC PAUSE
		02		SPLIT(Take Increment)
14	PAUSE	01	on	PAUSE
15	SCRABBLE(JOG)	FF	JOG STATUS SENSE	
16	SEARCH	00	FWD	
		01	RWD	
17	FLASH READY (FLASH LOAD)			
1A	TRACK SKIP	00	track next	
		01	track previous	
1A	TIME SKIP	30	Time next	
		31	Time previous	
1D	CALL			
25	PITCH DATA PRESET	level		
2A	MEMO A POINT PRESET			
2B	MEMO B POINT PRESET			
2C	TIME SEARCH PRESET	time		
2D	KEY CONTROL DATA PRESET	level		
30	AUTO CUE SELECT	onoff		
31	AUTO TRACK SELECT	trigger		
35	PITCH CONTROL SELECT	onoff		
36	AUTO READY SELECT	onoff		
37	REPEAT SELECT	onoff		
38	SYNC REC SELECT	onoff		
3A	INCR PLAY SELECT	onoff		
3D	KEY CONTROL SELECT	onoff		
3F	TIME DATA SEND SELECT	00	off	
		01	elapsed with frame	
		02	remain with frame	
		03	total elapsed with frame	
		04	total remain with frame	
		11	elapsed without frame	
		12	remain without frame	
		13	total elapsed without frame	
		14	total remain without frame	
		FF	TIME DATA SEND SELECT SENSE	
4D	PLAY MODE SELECT	continue		
		single		
		program		
		random		
4E	PLAY MODE SENSE			
50	MECHA STATUS SENSE			
55	TRACK No. STATUS SENSE			
56	DISC STATUS SENSE			
58	CURRENT TRACK TIME SENSE	00	Elapsed	
		01	Remain	
		02	Total Elapsed	
		03	Total Remain	
5D	TOTAL TRACK No./ TOTAL TIME SENSE			
75	POWER CONTROL	00	POWER ON	Power on from the standby state
		11	POWER OFF	The controlled device enters the standby state
		80	FORCE RESET	The controlled device restarts
88	TIME DATA	time	depend on the setting of "3F"	
95	JOG STATUS RETURN	ofoff		
A5	PITCH DATA RETURN	level		
AD	KEY CONTROL DATA RETURN	level		
B0	AUTO CUE SELECT RETURN	onoff		
B1	AUTO TRACK RETURN	trigger		
B5	PITCH CONTROL SELECT RETURN	onoff		
B6	AUTO READY SELECT RETURN	onoff		
B7	REPEAT SELECT RETURN	onoff		
B8	SYNC REC SELECT RETURN	onoff		
BA	INCR PLAY SELECT RETURN	onoff		
BD	KEY CONTROL SELECT RETURN	onoff		
BF	TIME DATA SEND SELECT RETURN	00	off	
		01	elapsed with frame	
		02	remain with frame	
		03	total elapsed with frame	
		04	total remain with frame	
		11	elapsed without frame	
		12	remain without frame	
		13	total elapsed without frame	
		14	total remain without frame	
CE	PLAY MODE RETURN	00	continue	
		01	single	
		04	program (no entry)	
		05	program	
		06	random	
D0	MECHA STATUS RETURN	00	no media	
		01	eject	
		10	stop	
		11	play	
		12	ready on	
		28	Cue	
		29	Review	
		80	monitor play	
		81	record	
		82	record ready	
		83	info writing	
		FF	other state	
D1	SPECIFIED DEVICE STATUS RETURN			
D5	TRACK No. STATUS RETURN	trk		
D6	DISC STATUS RETURN	Status, Type		
D8	CURRENT TRACK TIME RETURN			
DD	TOTAL TRACK No./ TOTAL TIME RETURN			
F5	STANDBY STATUS			

【2】Vender Cmd

Order of CMD and Data
CMD + Category Data 1/2 + Command Data 3/4 + Command Data 5/6 + Command Data 7/8 + Command Data 9/10 + Command Data 11/12 + Command Data 13/14 + Command Data 15/16 + Command Data 17/18

Category Note	Category Data 1/2	CMD	Commands / Returns	Command Data 3/4	Command Data 5/6	Command Data 7/8	Command Data 9/10	Command Data 11/12	Command Data 13/14	Command Data 15/16	Command Data 17/18	Note
DEVICE SELECT	01	7F	DEVEICE SELECT	00								Device Select (Slot1)
				01								Device Select (Slot2)
				10								Device Select (USB)
				FF								Deveice Select Sense
		FF	DEVICE SELECT RETURN	00								Slot 1
				01								Slot 2
				10								USB
MARK opration	03	7F	MARK SET	10								Mark Set Current
			MARK SKIP	1A	00							mark next
					01							mark previous
			MARK TIME SENSE	58	markId							Mark Time sense
			TOTAL MARK No SENSE	5D								#Marks sense
			MARK TIME RETURN	D8	markId		mark time (8bytes)					Mark Time return
			TOTAL MARK No RETURN	DD	#marks							#Mark return
			MARK REQUEST RESULT RETURN	F7	10	11						Mark Set OK
						12						Mark Set NG
FLASH PLAY	04	7F	FLASH LOAD STATUS SENSE	17	FF							Load Status Sense
		FF	FLASH LOAD STATUS RETURN	97	00							Unload
					01							Loading
					10							Load
			CHANGE FLASH LOAD	F8								Notify changing Flash load
PLAY	07	7F	PLAY AREA SELECT	4F	00							Play Area Select All
					01							Play Area Select Folder
					02							Play Area Select Play List
					FF							Play Area Sense
			PLAY AREA SELECT RETURN	CF	00							Play Area Select All
					01							Play Area Select Folder
					02							Play Area Select Play List
REMOTE	11	7F	ADMINI PASSWORD CHECK	41	PASSWORD(Up to 10 characters)							administrator password sense
		FF	ADMIN PASS RETRUN	D1	00							NG
					01							OK
AUDIO I/O	12	7F	SRC SELECT	11	00	00	FF					SRC Senese
		FF	SRC RETURN	91	00	00	00					SRC Return (Off)
							01					SRC Return (On)
PLAYLIST 1	31	7F	PLAY LIST STANDBY	00	00	File Name(UTF-8)						Request
					FF							Status Sense
			PLAY LIST CURRENT NAME SENSE	05								
		FF	PLAY LIST STANDBY STATUS RETURN	80	00							OK
					11							No File
					12							Not Current
					13							Illegal Folder
					20							During Standby Procedure
					F0							Illegal Operation Mode
			PLAY LIST CURRENT NAME RETURN	85	FileName							
PLAYLIST 2 (for SS Control Appli)	45	7F	see Vender Cmd(Playlist) sheet									
		FF										
TIMER EVENTLIST	47	7F	TIMER EVENT	00	00							Timer Event Off
					01							Timer Event On
					FF							Timer Event Sense
			EVENTLIST COUNT SENSE	5D	Year (see Note)	Month (01～12)	Day (01～31)					Year(AA=ALL, DD=TODAY, 00～99=specify date) *This is the first command to send when creating, referencing, or editing an EVENT LIST.
			EVENTLIST ROW EVENT NUMBER SENSE	55	10th 1st/1000th 100th (1～)							For "TODAY" and "specify date", inquire about the EVENT number.
			EVENTLIST INPUT SELECT SENSE	56	00							Inquire if Dante can be selected with INPUT SELECT
					01							reserve
			EVENTLIST EVENT SETTING SENSE	57	10th 1st/1000th 100th (1～)							
			EVENTLIST CREATE NEW EVENT	40	Enable (01=OFF, 01=ON)	Action [TYPE] (see Note)	Year (00～99)	Month (00～12, see Note)	Day (00～31 00=everyday)	DayOfWeek (see Note)	Hour (00～23)	Action 00=PLAY, 01=REPEAT PLAY, 02=REC, 03=STOP, 04=Download, 05=Delete & Download Month When the value is 0 and the value of DAY is other than 0, it means every month. DayOfWeek bit7=Enable, bit6=Sat, bit5=Fri, bit4=Thu, bit3=Wed, bit2=Tue, bit1=Mon, bit0=Sun
					Min (00～59)	Sec (00～59)	Rec Input (see Note)	PlayTime Mode (00=START, 01=END)	RptIntvlTm Hour (00～23)	RptIntvlTm Min (00～59)	RptEvnt Count (00～99, 00=100)	Data 19-32 Rec Input 00=ANA Unbal, 01=ANA Bal, 02=DIGI Coax, 03=DIGI XLR, 04=DIGI Dante
					FileName(UTF-8) PLAYBACK FILE or DOWNLOAD TARGET							Data 33-
			EVENTLIST EDIT EVENT	42	10th 1st/1000th 100th (1～)		Enable (01=OFF, 01=ON)	Action [TYPE] (see Note)	Year (00～99)	Month (00～12, see Note)	Day (00～31 00=everyday)	Action 00=PLAY / 01=REPEAT PLAY / 02=REC / 03=STOP / 04=Download / 05=Delete & Download Month When the value is 0 and the value of DAY is other than 0, it means every month.
					DayOfWeek (see Note)	Hour (00～23)	Min (00～59)	Sec (00～59)	Rec Input (see Note)	PlayTime Mode (00=START, 01=END)	RptIntvlTm Hour (00～23)	Data 19-32 DayOfWeek bit7=Enable, bit6=Sat, bit5=Fri, bit4=Thu, bit3=Wed, bit2=Tue, bit1=Mon, bit0=Sun Rec Input 00=ANA Unbal, 01=ANA Bal, 02=DIGI Coax, 03=DIGI XLR, 04=DIGI Dante
					RptIntvlTm Min (00～59)	RptEvnt Count (00～99, 00=100)	FileName(UTF-8) PLAYBACK FILE or DOWNLOAD TARGET					Data 33-
			EVENTLIST CLEAR EVENT	44	10th 1st/1000th 100th (0000＝ALL, 1～)							
		FF	TIMER EVENT SENSE RETURN	80	00							Timer Event Off
					01							Timer Event On
			EVENTLIST COUNT RETURN	DD	Year	Month	Day	10th 1st/1000th 100th				
			EVENTLIST ROW EVENT NUMBER RETURN	D5	Row Number 10th 1st/1000th 100th (1～)							
			EVENTLIST INPUT SELECT RETURN	D6	00	00						Dante cannot be selected in the INPUT SELECT
						01						Dante can be selected in the INPUT SELECT
			EVENTLIST EVENT SETTING RETURN	D7	10th 1st/1000th 100th (1～)		Enable (01=OFF, 01=ON)	Action [TYPE] (see Note)	Year (00～99)	Month (00～12, see Note)	Day (00～31 00=everyday)	Action 00=PLAY / 01=REPEAT PLAY / 02=REC / 03=STOP / 04=Download / 05=Delete & Download Month When the value is 0 and the value of DAY is other than 0, it means every month.
					DayOfWeek (see Note)	Hour (00～23)	Min (00～59)	Sec (00～59)	Rec Input (see Note)	PlayTime Mode (00=START, 01=END)	RptIntvlTm Hour (00～23)	Data 19-32 DayOfWeek bit7=Enable, bit6=Sat, bit5=Fri, bit4=Thu, bit3=Wed, bit2=Tue, bit1=Mon, bit0=Sun Rec Input
					RptIntvlTm Min (00～59)	RptEvnt Count (00～99, 00=100)	FileName(UTF-8) PLAYBACK FILE or DOWNLOAD TARGET					Data 33-
			EVENTLIST CREATE NEW EVENT RETURN	C0	10th 1st/1000th 100th (1～)							Returns the created event number
			EVENTLIST EDIT EVENT RETURN	C2	10th 1st/1000th 100th (1～)							Returns the edited event number
			EVENTLIST CHANGE STATUS	F6								
SS Control Appli	6A	7F	CHANGE STATUS SEND SELECT	00	00							Change Status Send OFF
					01							Change Status Send ON
					FF							Change Status Send Sense
			DISPLAY FILE NAME SENSE	01								
			FOLDER CURRENT NAME SENSE	02								
			MONO MIX SENSE	03								
			INPUT SELECT SENSE	04								
			MIC PHANTOM SENSE	05								
			TIMER EVENT SENSE	06								
			FTP UPLOAD SENSE	07								
			FTP DOWNLOAD SENSE	08								
			REPEAT MODE SENSE	0A								
			BACKUP/RELAY MEDIA SENSE	0B								
			REC FORMAT SENSE	0C								
			MIC AGC SENSE	0D								
			DYNAMICS SENSE	0E								
			SKIP	1A	00							Folder Next
					01							Folder Previous
			METER DATA SEND SELECT	3F	00							Meter data Send OFF
					01							Meter data Send ON

【2】Vender Cmd

Order of CMD and Data
CMD + Category Data 1/2 + Command Data 3/4 + Command Data 5/6 + Command Data 7/8 + Command Data 9/10 + Command Data 11/12 + Command Data 13/14 + Command Data 15/16 + Command Data 17/18

Category Note	Category Data 1/2	CMD	Commands / Returns	Command Data 3/4	Command Data 5/6	Command Data 7/8	Command Data 9/10	Command Data 11/12	Command Data 13/14	Command Data 15/16	Command Data 17/18	Note
SS Control Appli	6A	7F	METER DATA SEND SELECT	3F	FF							Meter data Send Sense
			LOW CUT SENSE	60								
			AUTO MARK SENSE	61								
			STEREO_MONO SENSE	62								
			CURRENT TRACK TOP FRAMES SENSE	63								
			MODEL TYPE SENSE	64								
			FINALIZE STATUS SENSE	65								Finalize status
			CD STATUS SENSE	66								
			MENU SENSE	7A	00	Page No.		Item No.				Menu Sense Item Value
					01	Page No.		Item No.		Sub Item No.		Menu Sense Sub Item Value
					02	Page No.		Item No.		Value		Menu Request Select Item Value
						Value						Menu Request Select Item Value. Data 19-22
					03	Page No.		Item No.		Sub Item No.		Menu Request Select Sub Item Value
						Value						Menu Request Select Sub Item Value. Data 19-26
					10							Menu Sense Page Count
					11	Page No.						Menu Sense Item Count
					12	Page No.		Item No.				Menu Sense Item Value Property
					13	Page No.		Item No.		Sub Item No.		Menu Sense Sub Item Count
					14	Page No.		Item No.		Sub Item No.		Menu Sense Sub Item Value Property
					20	Page No.						Menu Sense Selected Page Name
					21	Page No.		Item No.				Menu Sense Selected Item Name
					22	Page No.		Item No.		Value		Menu Sense Selected Item Value Name
						Value						Menu Sense Selected Item Value Name. Data 19-22
					23	Page No.		Item No.		Sub Item No.		Menu Sense Selected Sub Item Name
					24	Page No.		Item No.		Sub Item No.		Menu Sense Selected Sub Item Value Name
						Value						Menu Sense Selected Sub Item Value Name. Data 19-26
			CONTROL AUTHORITY BY MAIN UNIT SENSE	7D								Inquire about the control right of the main unit
			CONTROL PERMISSION	7E	10							Return the right
					11							Notify that rights have been acquired / continued
					FF							Inquire
		FF	CHANGE STATUS SEND RETURN	80	00							Change Status Send OFF
					01							Change Status Send ON
			DISPLAY FILE NAME RETURN	81	FileName							
			FOLDER CURRENT NAME RETURN	82	FileName							
			MONO MIX RETURN	83	00							Mono Mix OFF
					01							Mono Mix ON
			INPUT SELECT RETURN	84	00							Input Select ANALOG UNBALANCE
					01							Input Select ANALOG BALANCE
					02							Input Select DIGITAL COAXIAL
					03							Input Select DIGITAL XLR
					04							Input Select DANTE
					05							Input Select ANALOG MIC BALANCE (Unlock)
					82							Input Select DIGITAL COAXIAL (Unlock)
					83							Input Select DIGITAL XLR (Unlock)
					84							Input Select DANTE (Unlock)
			MIC PHANTOM RETURN	85	00							Mic Phantom OFF
					01							Mic Phantom ON
			TIMER EVENT RETURN	86	00							Timer Event OFF
					01							Timer Event ON
			FTP UPLOAD RETURN	87	00							FALSE
					01							TRUE
			FTP DOWNLOAD RETURN	88	00							FALSE
					01							TRUE
			METER DATA	89	ML	MR	PL	PR	OL	OR		ML - Lch meter data MR - Rch meter data PL - Lch peak data PR - Rch peak data OL - Lch Overload OR - Rch Overload *OL, OR 00=not Overload / 01=Overload
			REPEAT MODE RETURN	8A	00							REPEAT_OFF
					01							REPEAT_ON
					02							REPEAT_A
					03							REPEAT_AB
			BACKUP/RELAY MEDIA RETURN	8B	00							SD1-SD2
					01							SD1-USB
					02							SD2-SD1
					03							SD2-USB
					04							USB-SD1
					05							USB-SD2
					06							----------
			REC FORMAT RETURN	8C	00							44k Wav
					01							44k Mp3
					02							44k Wav16+Mp3
					03							44k Wav(Backup)
					04							44k Mp3(Backup)
					05							44k Wav(Relay)
					06							44k Mp3(Relay)
					07							44k Wav16+Mp3(Relay)
					08							48k Wav
					09							48k Mp3
					10							48k Wav16+Mp3
					11							48k Wav(Backup)
					12							48k Mp3(Backup)
					13							48k Wav(Relay)
					14							48k Mp3(Relay)
					15							48k Wav16+Mp3(Relay)
					16							96k Wav
			MIC AGC RETURN	8D	00							OFF
					01							ON
			DYNAMICS RETURN	8E	00							OFF
					01							LIMITER
					02							COMP SOFT
					03							COMP HARD
			METER DATA SEND RETURN	BF	00							Meter Data Send OFF
					01							Meter Data Send ON
			LOW CUT RETURN	E0	00							OFF
					01							40Hz
					02							80Hz
					03							120Hz
					04							180Hz
					05							220Hz
			AUTO MARK RETURN	E1	00							OFF
					01							ON
			STEREO MONO RETURN	E2	00							MONO(MIX)
					01							STEREO
					02							MONO(2ch)
			CURRENT TRACK TOP FRAMES RETURN	E3	FRAMES in HEX (Big Endian)							
			MODEL TYPE RETURN	E4	00							SS-R250N
					01							SS-CDR250N
			FINALIZE STATUS RETURN	E5	00							Unfinalize
					01							Finalize
			CD STATUS RETURN	E6	00							Other
					01							Finalize
					02							Erase
					03							Burn to CD
					04							Rip to memory
			INFO CHANGE STATUS	F6	01							Digital Lock Status Change
					02							Current Folder Change
					10							Home Change
					20							Mark Change
					40							Menu Change.
					50							Play Area Select Range Change
					51							Stereo Mono Select Range Change
					70							All Change(FactoryPreset/SystemImport)
			MENU SENSE RETURN	FA	00	Page No.		Item No.		Value		Menu Sense Item Value Return
						Value						Menu Sense Item Value Return. Data 19-22
					01	Page No.		Item No.		Sub Item No.		Menu Sense Sub Item Value Return
						Value						Menu Sense Sub Item Value Return. Data 19-26
					10	Count						Menu Sense Page Count Return
					11	Page No.		Count				Menu Sense Item Count Return
					12	Page No.		Item No.		ParmType		Menu Sense Item Value Property Return
						Minimum				Maximum		Menu Sense Item Value Property Return. Data 19-30
						Maximum		Default				Menu Sense Item Value Property Return. Data 31-42
						Read Only		MaxStringLength				Menu Sense Item Value Property Return. Data 43-50
					13	Page No.		Item No.		Sub Item No.		Menu Sense Sub Item Count Return
						Count						Menu Sense Sub Item Count Return. Data 19-22
					14	Page No.		Item No.		Sub Item No.		Menu Sense Sub Item Value Property Return
						ParmType		Minimum				Menu Sense Sub Item Value Property Return. Data 19-30
						Maximum				Default		Menu Sense Sub Item Value Property Return. Data 31-42
						Default		Read Only		MaxStringLength		Menu Sense Sub Item Value Property Return. Data 43-54

【2】 Vender Cmd

Order of CMD and Data
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Category Note	Category Data 1/2	CMD	Commands / Returns	Command Data 3/4	Command Data 5/6	Command Data 7/8	Command Data 9/10	Command Data 11/12	Command Data 13/14	Command Data 15/16	Command Data 17/18	Note
SS Control Appli	6A	FF	MENU SENSE RETURN	FA		Value				Name(UTF-8)		Menu Sense Selected Sub Item Value Name Return.
					F0							
			CONTROL AUTHORITY BY MAIN UNIT RETURN	FD	00							Main unit releases control rights
					01							Main unit gains control rights
			CONTROL PERMISSION RETURN	FE	00							There is no free right
					01							There is a vacancy of rights
					10							Failure to acquire rights
					11							Successful acquisition of rights
Browse (for SS Control Appli)	6B	7F	see Vender Cmd(Browse) sheet									
		FF										
for RC-SS150	72	7F	SPECIAL STATUS SENSE	01	01							DIRECT REC Sense
		FF	SPECIAL STATUS SENSE RETURN	81	01	**						DIRECT REC Return

【3】Vender Command Category 6B(BROWSE for SS Control Appli)

		Data3/4	Data5/6	Data7/8	Data 9/10	Data 11/12	Data 13/14	Data 15/16	Data 17/18	Data 19/20	Data 21/22	Note
CURRENT FOLDER No. SENSE	7F6B	00										Current device only
SET CURRENT FOLDER		01	Full Folder Name(UTF-8, up to 768 byte)									Current device only The Full Folder name is specified from the ¥ character of the root excluding the drive letter. If there is no "F2" return, reception is
FOLDER No. SENSE from Full Folder		02	Device	Full Folder Name (UTF-8, up to 768 byte)								The Full Folder name is specified from the ¥ character of the root excluding the drive
SORT (TIME or NAME)		03	TIME = 00 NAME = 01	Folder No. 10th 1st/1000th 100th								Current device only
COPY/MOVE		04	00	Source FullPath (UTF8)								【1st step】Set the source path. Current device only. Set the full path including the drive letter.
			MOVE FOLDER = 10 COPY FOLDER = 14 MOVE FILE = 11 COPY FILE = 15 bit0_File flag, bit2_Copy flag	Dist FullPath (UTF8)								【2nd step】 Operation mode, destination path setting and execution. Current device only. Set the full path including the drive letter. In the case of a file, set up to the destination file name.
CURRENT FILE No. SENSE		05										Current device only
FOLDER COUNT SENSE		10	Device	Folder No. 10th 1st/1000th 100th								
FOLDER NAME SENSE		11	Device	Folder No. 10th 1st/1000th 100th								
RENAME FOLDER		13	Device	Folder No.		Folder Name(UTF-8, up to 117byte)						
DELETE FOLDER		14	Device	Folder No.								
CREATE FOLDER		15	Device	Folder No.		Folder Name(UTF-8, up to 117byte)						
FILE COUNT SENSE		20	Device	Folder No. 10th 1st/1000th 100th								
FILE NAME SENSE		21	Device	File No. 10th 1st/1000th 100th								
FILE INFO SENSE		22	Device	File No. 10th 1st/1000th 100th								
RENAME FILE		23	Device	File No.		File Name(UTF-8, up to 117byte)						Set the file name including the extension.
DELETE FILE		24	Device	File No. 10th 1st/1000th 100th								
UNDO FILE		25										
DELETE FILE with Full Path		26	Full File Name(UTF-8, up to 768byte)									Used when deleting one-sided files of MONOx2. For the file name, set the full path from the drive letter to the extension.
SELECT FILE		27	File No. 10th 1st/1000th 100th									Current device only
CURRENT FOLDER No. RETURN	FF6B	80	Folder No. 10th 1st/1000th 100th									Current device only
FOLDER No. SENSE from Full Folder RETURN		82	Device	Folder No. 10th 1st/1000th 100th								
SORT ACKNOWLEDGE		83	00									SORT START
			11									SORT OK
			12									SORT NG
COPY/MOVE ACKNOWLEDGE		84	00									COPY/MOVE START
			11									COPY/MOVE OK
			12									COPY/MOVE NG
CURRENT FILE No. RETURN		85	File No. 10th 1st/1000th 100th									Current device only
FOLDER COUNT RETURN		90	Device	Folder No. 10th 1st/1000th 100th		Start Folder No. 10th 1st/1000th 100th		End Folder No. 10th 1st/1000th 100th		Total Folder Count 10th 1st/1000th 100th		
FOLDER NAME RETURN		91	Device	Folder No. 10th 1st/1000th 100th		Full Folder Name(UTF-8, up to 768byte)						
RENAME FOLDER ACKNOWLEDGE		93	00									RENAME FOLDER START
			11									RENAME FOLDER OK
			12									RENAME FOLDER NG
DELETE FOLDER ACKNOWLEDGE		94	00									DELETE FOLDER START
			11									DELETE FOLDER OK
			12									DELETE FOLDER NG
CREATE FOLDER ACKNOWLEDGE		95	00									CREATE FOLDER START
			11	Device	Folder No. 10th 1st/1000th 100th							CREATE FOLDER OK
			12									CREATE FOLDER NG
FILE COUNT RETURN		A0	Device	Folder No. 10th 1st/1000th 100th		Start File No. 10th 1st/1000th 100th		End File No. 10th 1st/1000th 100th		Total File Count 10th 1st/1000th 100th		
FILE NAME RETURN		A1	Device	File No. 10th 1st/1000th 100th		Full File Name(UTF-8, upto 768byte)						
FILE INFO SENSE		A2	Device	File No. 10th 1st/1000th 100th		Track Bitmap	Type,Rate,Bit,Mono/Stereo + TAB(0x09) + **h**m**s/size + TAB(0x09) + YYYY/MM/DD HH:MM					
RENAME FILE ACKNOWLEDGE		A3	00									RENAME FILE START
			11									RENAME FILE FILE OK
			12									RENAME FILE FILE NG
DELETE FILE ACKNOWLEDGE		A4	00									DELETE FILE START
			11									DELETE FILE OK
			12									DELETE FILE NG
UNDO ACKNOWLEDGE		A5	00									UNDO START
			11									UNDO OK
			12									UNDO NG
DELETE FILE (with Full Path) ACKNOWLEDGE		A6	00									DELETE FILE (with Full Path) START
			11									DELETE FILE (with Full Path) OK
			12									DELETE FILE (with Full Path) NG

【4】SS Control Appli Playlist edit – Vender Command

		Data3/4	Data5/6	Data7/8	Data 9/10	Data 11/12	Data 13/14	Data 15/16	Data 17/18	Data 19/20	…	Data41/42	Data43/44	…	Note
PLAY LIST STANDBY	7F31	00	00	File Nama (UTF-8)											Load playlist

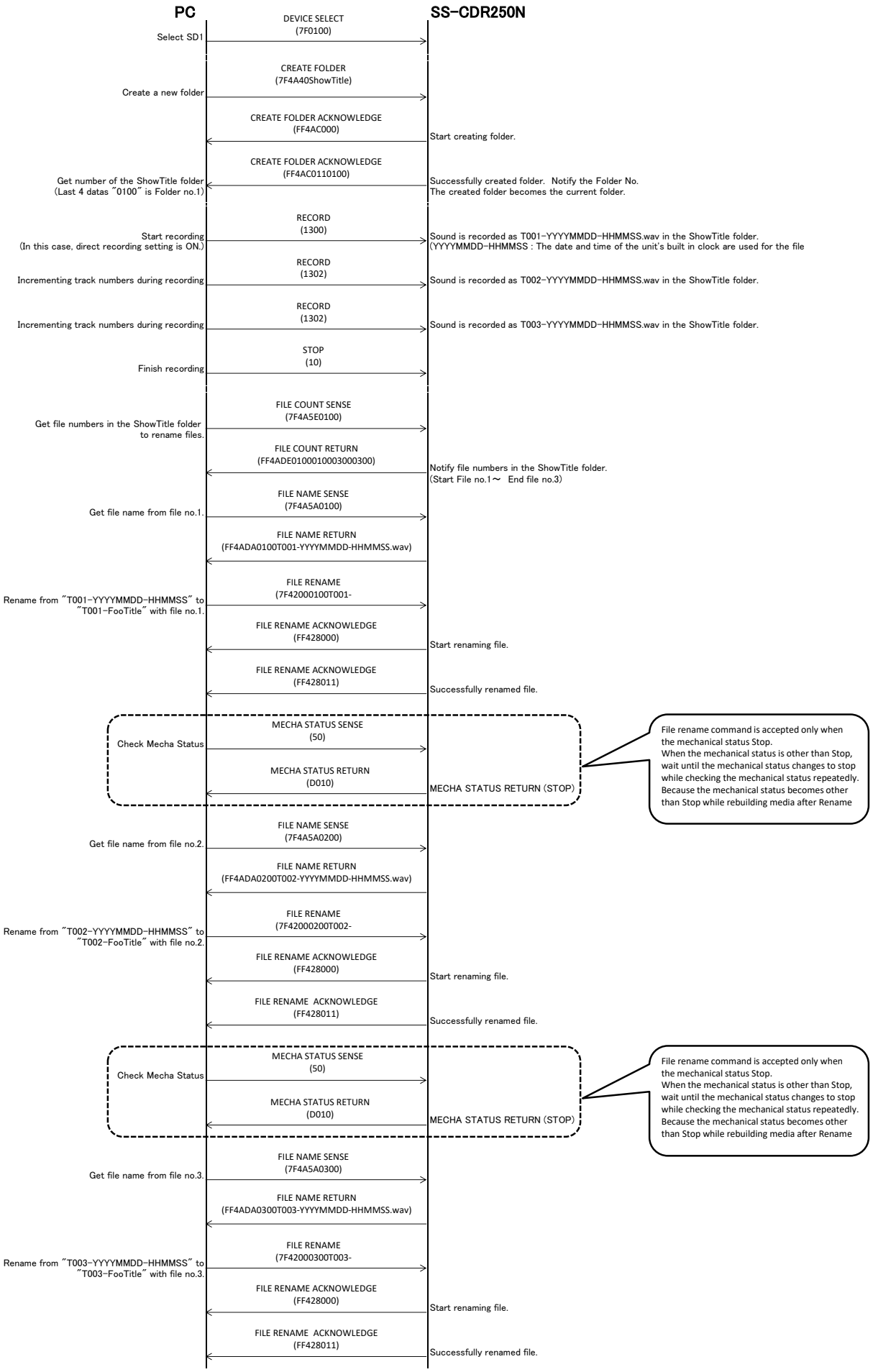
PLAY LIST CREATE	7F45	40	File Name (UTF-8)												CREATE
PLAY LIST SAVE AS		41	File Name (UTF-8)												SAVE AS
PLAY LIST RENAME		43	PPL number (starting from "1")		File Name (UTF-8)										RENAME
PLAY LIST COUNT SENSE		00													Get the number of PPLs for the current media.
PLAY LIST NAME SENSE		01	PPL number (starting from "1")												Get PPL file name.
PLAY LIST CURRENT SENSE		03													Get the current PPL number.
PLAY LIST CURRENT COUNT SENSE		04													Number of PPL (current value)
PLAY LIST INFO MULTIPLE SENSE		05	PPL start number (starting from "1")		PPL end number (starting from "1")										Get the modification date and file name of multiple PPL files.
PLAY LIST ENTRY COUNT SENSE		10													Get the number registered in the playlist.
PLAY LIST ENTRY NAME SENSE		11	Entry start number		Entry end number										Get each file name of the specified range of entries.
PLAY LIST ENTRY SLOT SENSE		12													Get the entry registration status of the current playlist.
PLAY LIST ENTRY INFO SENSE		13	Entry number												Get PPL ENTRY information.
PLAY LIST ENTRY CLEAR	7F31	4B	00	Entry number											Clear ENTRY
PLAY LIST ENTRY ASSIGN FILE			01	Entry number		Track number									Assigne files to playlists.

PLAY LIST CREATE RETURN	FF45	C0	00												Create Start
			11												Create OK
			12												Create NG
PLAY LIST SAVE AS RETURN		C1	00												Save As Start
			11												Save As OK
			12												Save As NG
PLAY LIST RENAME RETURN		C3	00												Rename Start
			11												Rename OK
			12												Rename NG
PLAY LIST COUNT RETURN		80	Count												
			00	1*											Illegal (* is the error code)
			00	20											Caching
			00	40											Status changed ⇒ When PPL Create / Del / Rename / Copy / Move is performed on the main unit side and Caching [7F4500] is required again, this command is notified. * Notifications are sent to Appli that has run [7F6A0001] (Change Status Send ON).
			00	50											Entry changed ⇒When the PlayList entry is registered / deleted on the main unit side, this command notifies the application. * Notifications are sent to Appli that has run [7F6A0001] (Change Status Send ON).
			00	F0											Invalid
PLAY LIST NAME RETURN		81	PPL number		File Name (UTF-8)										
PLAY LIST CURRENT RETURN		83	current PPL number												
PLAY LIST CURRENT COUNT RETURN		84	Number of PPL												
PLAY LIST INFO MULTIPLE RETURN		85	PPL number		DATE/TIME String (ascii) 32byte							File Name (UTF-8)			INFO Returns the modification date / file name of the PPL file specified by MULTIPLE RETURN is for each PPL file (If 10 files are specified, RETURN is sent 10 times)
PLAY LIST ENTRY COUNT RETURN		90	Number of Entry												
PLAY LIST ENTRY NAME RETURN		91	Entry number		File Name (UTF-8)										PLAY LIST ENTRY NAME Returns the filename of the entry specified by SENSE. RETURN is for each entry (if 10 entries are specified, RETURN will be sent 10 times) Entries without file registration will be returned with FileName field = NULL.
PLAY LIST ENTRY SLOT SENSE		92	slot data (26bytes up to Data29/30)												Returns the registration information for 100 entries as bitmap data. *From the beginning of the entry number, 8 entries will be sent together in 1 byte (0 to FF). Within each byte, the LSB side is the beginning of the entry number.
PLAY LIST ENTRY INFO RETURN		93	Entry number		Type,Rate,Bit,Mono/Stereo + TAB(0x09) + **h**m**s/size + TAB(0x09) + YYYY/MM/DD HH:MM + TAB(0x09) + Full Path Name(UTF-8, up to 768byte)										Get PPL ENTRY information
PLAY LIST ENTRY ASSIGN FILE RETUR	FF31	CB	00	Entry number	00										Entry Clear Start
					11										Entry Clear OK
					12										Entry Clear NG
PLAY LIST ENTRY CLEAR RETURN			01	Entry number	00										Entry Assign Start
					11										Entry Assign OK
					12										Entry Assign NG

【5】Command list

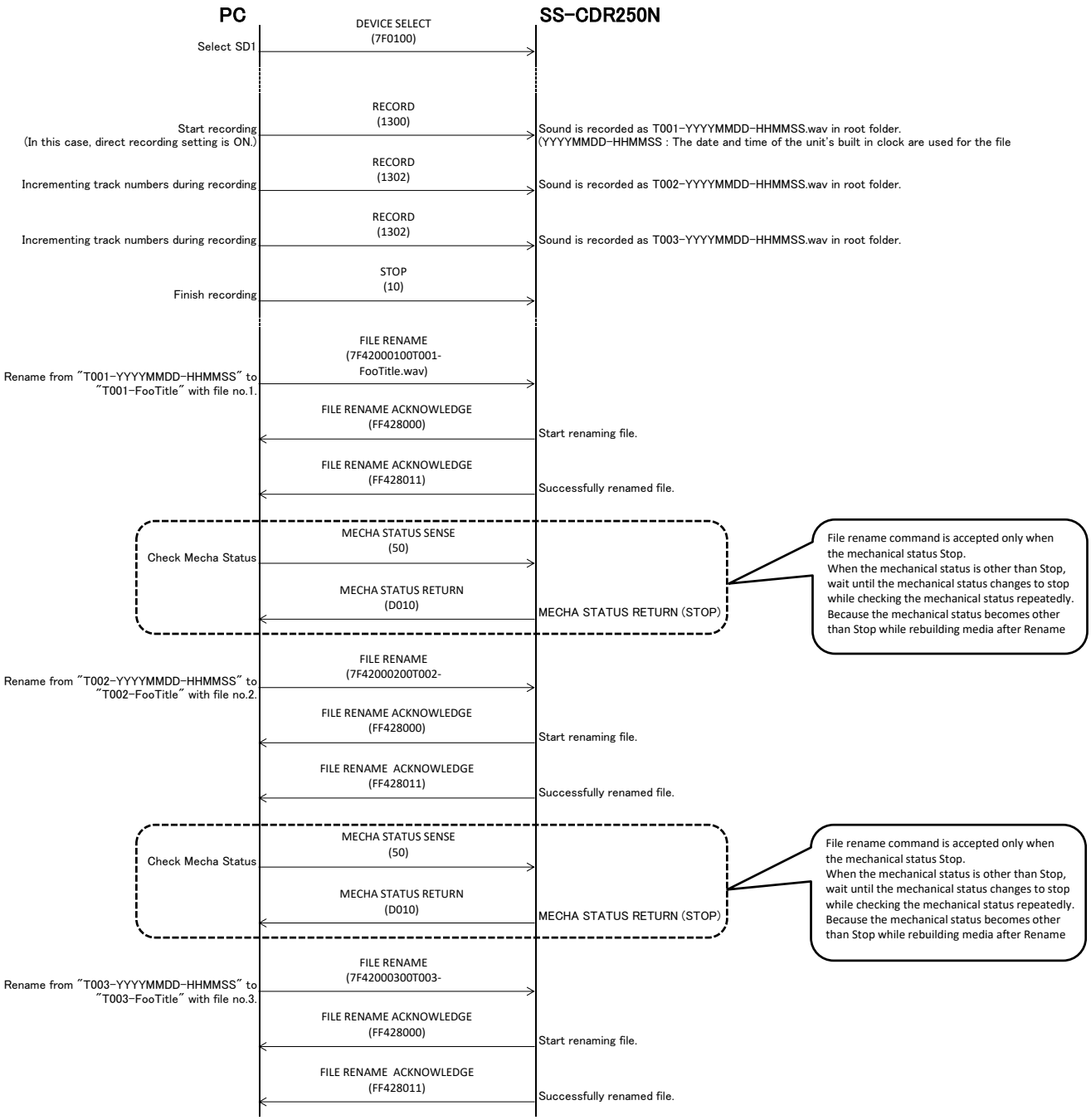
	Command	Data1/2	Data3/4	Data5/6	Data7/8	Data 9/10	Data 11/12	Data 13/14	Data 15/16	Data 17/18	Data 19/20	Note
TEXT PRESET	29	0000 : Specify the disc title 0001-0099 : Specify a track title Tens, Ones	Thousands, Hundreds	Title : Single-byte alphanumeric characters (The title is between 0 bytes and 80 bytes. The characters up to the last one before CR will be used as the specified title.)								Specifies a CD-TEXT title.
DEVICE SELECT	7F	01	00									SD1
			01									SD2
			10									USB
			11									CD
			FF									SENSE
DEVICE SELECT RETURN	FF	01	00									SD1
			01									SD2
			10									USB
			11									CD
FILE RENAME	7F	42	00	File No. Tens, Ones / Thousands, Hundreds		File name (A maximum of 117 bytes in UTF-8 format can be sent from Data 9)						
FILE RENAME ACKNOWLEDGE	FF	42	80	00								RENAME START
				11								RENAME OK
				12								RENAME NG
CURRENT FOLDER No. SENSE	7F	4A	55									
SET CURRENT FOLDER			23	Folder No. Tens, Ones / Thousands, Hundreds								Error when specifying Folder No. which does not exist in root folder
CREATE FOLDER			40	Folder name (A maximum of 117 bytes in UTF-8 format can be sent from Data 5)								Create a new folder in the root folder
RENAME FOLDER			42	Folder No. Tens, Ones / Thousands, Hundreds		Folder name (A maximum of 117 bytes in UTF-8 format can be sent from Data 9)						Error when specifying Folder No. which does not exist in root folder
SEARCH FOLDER No.			56	Folder name (A maximum of 117 bytes in UTF-8 format can be sent from Data 5)								Search in the root folder by folder name and get Folder No.
FOLDER COUNT SENSE			5D									Get the folder information in the root folder
FOLDER NAME SENSE			59	Folder No. Tens, Ones / Thousands, Hundreds								Error when specifying Folder No. which does not exist in root folder
FILE COUNT SENSE			5E	Folder No. Tens, Ones / Thousands, Hundreds								Error when specifying Folder No. which does not exist in root folder
FILE NAME SENSE			5A	File No. Tens, Ones / Thousands, Hundreds								
CURRENT FOLDER No. RETURN	FF	4A	D5	Folder No. Tens, Ones / Thousands, Hundreds								
CREATE FOLDER ACKNOWLEDGE			C0	00								CREATE FOLDER START
				11	Folder No. Tens, Ones / Thousands, Hundreds							CREATE FOLDER OK
				12								CREATE FOLDER NG
RENAME FOLDER ACKNOWLEDGE			C2	00								RENAME FOLDER START
				11								RENAME FOLDER FOLDER OK
				12								RENAME FOLDER FOLDER NG
SEARCH FOLDER No. RETURN			D6	Folder No. Tens, Ones / Thousands, Hundreds								
FOLDER COUNT RETURN			DD	Start Folder No. Tens, Ones / Thousands, Hundreds		End Folder No. Tens, Ones / Thousands, Hundreds		Total Folder Count Tens, Ones / Thousands, Hundreds				
FOLDER NAME RETURN			D9	Folder No. Tens, Ones / Thousands, Hundreds		Folder name (A maximum of 117 bytes in UTF-8 format can be recived from Data 9)						
FILE COUNT RETURN			DE	Folder No. Tens, Ones / Thousands, Hundreds		Start File No. Tens, Ones / Thousands, Hundreds		End File No. Tens, Ones / Thousands, Hundreds		Total File Count Tens, Ones / Thousands, Hundreds		
FILE NAME RETURN			DA	File No. Tens, Ones / Thousands, Hundreds		File name (A maximum of 117 bytes in UTF-8 format can be recived from Data 9)						

【6】 Sequence example using SD CARD

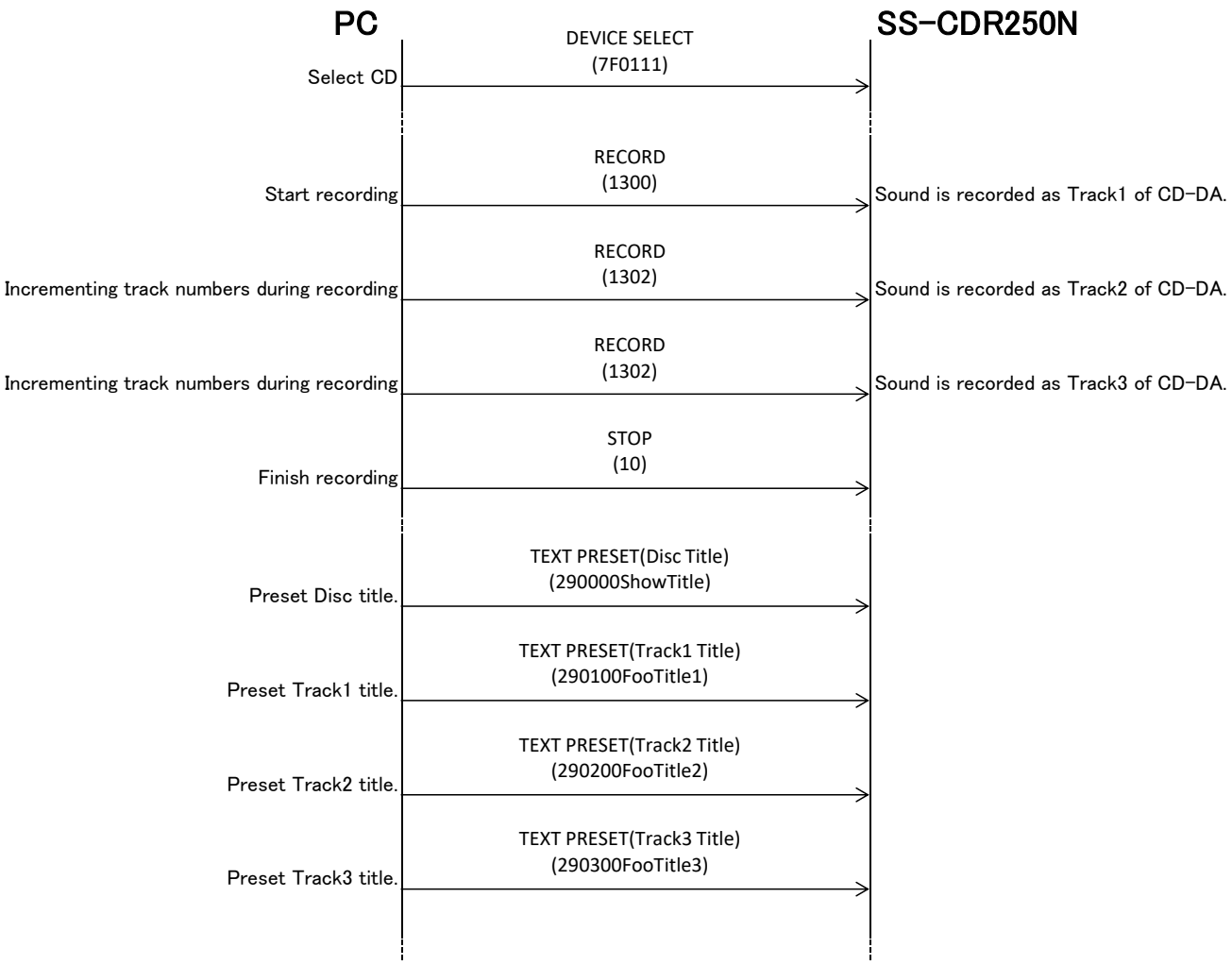


【7】 Sequence example using SD CARD

When recording to root folder of the formated media (Blank media).
This example is a simple operation.



【8】Sequence example using CD-R



The following is a manual operation by the user

・Finalize from MENU-CD-FINALIZE

・Eject disc