

SUBARU CAR AUDIO DISPLAY MODEL OPERATION MANUAL

Display model :

PF-3302

PF-3303

PF-3304

PF-3305

CAUTION:

- * Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- * This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).
- * This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

1. Key Function Specification & Explanation

1.2 Escutcheon Key

SUBARU PD5

No	Key name			
	USA(LH)	EU(LH)	EU(RH)	AUS(RH)
E-1	CD Eject	CD Eject	RDS	RDS
E-2	POWER	POWER	MENU/ENTER	MENU/ENTER
E-3	VOLUME	VOLUME	TUNE/TRACK	TUNE/TRACK
E-4	CD/AUX	CD/AUX	>>/SCAN	>>/SCAN
E-5	FM/AM	FM	<</A.S	<</A.S
E-6	SAT	AM	LIST/BACK	LIST/BACK
E-7	HD/TAG	T.I/NEWS	T.I/NEWS	T.I/NEWS
E-8	Preset 1/RPT	Preset 1/RPT	Preset 1	Preset 1
E-9	Preset 2/RDM	Preset 2/RDM	Preset 2	Preset 2
E-10	Preset 3	Preset 3	Preset 3	Preset 3
E-11	Preset 4	Preset 4	Preset 4	Preset 4
E-12	Preset 5	Preset 5	Preset 5/RDM	Preset 5/RDM
E-13	Preset 6	Preset 6	Preset 6/RPT	Preset 6/RPT
E-14	TEXT	RDS	CD Eject	CD Eject
E-15	MENU/ENTER	MENU/ENTER	POWER	POWER
E-16	TUNE/TRACK/CH	TUNE/TRACK	VOLUME	VOLUME
E-17	>>/SCAN	>>/SCAN	CD/AUX	CD/AUX
E-18	<</A.S	<</A.S	FM	FM
E-19	LIST/BACK	LIST/BACK	AM	AM

1.3 Steering remote control Key

•All the steering remote control keys are A/D keys. The priority depends on the circuit.

SUBARU PD5

No	Key name
SW1-1	ST-UP(Λ)
SW1-2	ST-DOWN(V)
SW1-3	ST-VOL UP(VOL+)
SW1-4	ST-VOL DOWN(VOL-)
SW2-1	ST-MODE
SW2-2	ST-ON HOOK
SW2-3	ST-OFF HOOK
SW2-4	ST-TALK

2. Power Mode

2.1 ACC On/Off

Details of operations

Function	ACC On
Mode	ACC Off
Key operation	ACC On operation
Outline of functions	"ACC On" operation is executed.

Function	ACC Off
Mode	ACC On
Key operation	ACC Off operation
Outline of functions	"ACC Off" operation" is executed.

2.2 Power On/Off

Details of operations

Function	Power On
Mode	ACC On (except for TEL mode)
Key operation	·Pressing Power key ·Pressing ST-Mode key
Outline of functions	Power is set to On.

Function	Power Off
Mode	Power On (except for TEL mode)
Key operation	Pressing Power key
Outline of functions	Power is set to Of

Function	Volume Up/Down
Mode	Power On
Key operation	Rotating Volume key
Outline of functions	Volume is controlled.

3.1 Radio(RBDS HD)

Details of operations

Function	Radio On
Mode	Except for FM/AM mode
Key operation	Pressing FM/AM key
Outline of functions	Radio mode is set to On.

Function	Switch of BAND
Mode	During FM/AM mode
Key operation	Pressing FM/AM key
Outline of functions	Radio band is changed.

Function	Tune Up/Down
Mode	During FM/AM mode
Key operation	Rotating Volume key
Outline of functions	

Function	Seek Up/Down
Mode	During FM/AM mode
Key operation	Pressing Seek Up/Down key
Outline of functions	Receivable frequency is detected.

Function	SCAN
Mode	During FM/AM mode
Key operation	Short pressing of >>/SCAN key
Outline of functions	Stations are received sequentially.

Function	Seek stop / Scan stop
Mode	During FM/AM mode (During Seek/Scan)
Key operation	-
Outline of functions	Seek/Scan is stopped.

Function	Calling Preset
Mode	During FM/AM mode
Key operation	Short pressing of Preset key
Outline of functions	Registered frequency is called.

Function	Preset registration
Mode	During FM/AM mode
Key operation	Holding of Preset key
Outline of functions	Receiving frequency is registered.

Function	Preset-ch Up/Down
Mode	During FM/AM mode
Key operation	Pressing Set Up/Down key
Outline of functions	Preset-ch is changed by 1ch.

Mode	During FM/AM mode
Key operation	Holding of <</A.S key
Outline of functions	Receivable frequency is registered to Preset.
Function	PTY group selection function
Mode	During FM mode
Key operation	Pressing LIST/BACK key
Outline of functions	The mode is transited to PTY group selection mode.
Function	PTY SEEK
Mode	In FM mode and PTY group selection mode
Key operation	Pressing >>/SCAN and <</AS keys
Outline of functions	SEEK is executed in PTY group.
Function	Switching between multiple stations
Mode	During FM mode
Key operation	Short pressing of HD/TAG key
Outline of functions	Transition to Multi station (MPS / SPS1 / SPS2 / SPS3 ...) in the same station
Function	HD Radio ON/OFF switch
Mode	HD Radio ON/OFF switch display of Setting Mode (in any mode)
Key operation	Rotation of Tune key
Outline of functions	HD Radio is switched between ON (Hybrid) and OFF (Analog).
Function	iTunes Tagging
Mode	During FM/AM mode (During receiving Digital data)
Key operation	Holding of HD/TAG key
Outline of functions	On-air music information is memorized.
Function	Preset channel list mode
Mode	During FM/AM mode
Key operation	<ul style="list-style-type: none"> ■ Holding of List/Back : <ul style="list-style-type: none"> • Preset channel list mode is switched between ON and OFF. <ul style="list-style-type: none"> → When main screen is displayed: Preset channel list is displayed. (List mode ON) → When Preset ch list is displayed: Main screen is displayed. (List mode OFF) ■ Short pressing of Menu/Enter : <ul style="list-style-type: none"> • The highlighted item is selected. ■ Rotation of Tune/Track : <ul style="list-style-type: none"> • The list cursor moves up or down. <ul style="list-style-type: none"> → In the case of the counterclockwise turn from the list top (P.ch1), the cursor moves to the end of the list (P.ch6). → In the case of the clockwise turn from the list end (P.ch6), the cursor moves to the top (P.ch1). * After operating the cursor, the cursor position selection icon is lighted. ■ Holding of P.ch1~P.ch6 : <ul style="list-style-type: none"> • The selection icon corresponding to the pressed P.ch key is lighted. * After pressing P.ch key, the cursor position does not change. ■ Pressing of station control Up : <ul style="list-style-type: none"> • If the received frequency is between P.ch1 and P.ch5, P.ch(+1) selection icon is lighted. • If the received frequency is P.ch6, P.ch1 selection icon is lighted. • If the received frequency is not P.ch, P.ch1 selection icon is lighted. * After pressing the key, the cursor position does not change. ■ Pressing of station control Down : <ul style="list-style-type: none"> • If the received frequency is between P.ch2 and P.ch6, P.ch(-1) selection icon is lighted. • If the received frequency is P.ch1, P.ch6 selection icon is lighted. • If the received frequency is not P.ch, P.ch6 selection icon is lighted. * After pressing the key, the cursor position does not change.
Outline of functions	Preset channel list in the received band is displayed.

*Refer to "DisplaySpec_List" for the actual Preset channel list display.

While receiving FM (HD ON);

BAND display

Selection icon

Displayed only in the case of HD ON

Preset channel display

Indicators

FM1	HD	1	2	3	4	5	6	7	8
Preset List									
		STEREO	PTY	TAG	LIVE				
1	106.7-2	4	106.7						
2	106.7	5	106.7						
3	106.7	6	106.7-4						
Station Name		WWWWWWWWW							

Selection cursor (Highlighted)

Display of selected station (Name of CH selected by cursor)

Frequency display Multiple station Nos. are also displayed. (-2 to 8 for SPS stations only)

While receiving FM (HD OFF);

BAND display

Selection icon

Preset channel display

Indicators

FM1	HD								
Preset List									
		STEREO	PTY						
1	106.7	4	106.7						
2	106.7	5	106.7						
3	106.7	6	106.7						
Station Name		WWWWWWWWW							

Selection cursor (Highlighted)

Display of selected station (Name of CH selected by cursor)

Frequency display Multiple station Nos. are not displayed.

While receiving AM (HD ON);

BAND display

Selection icon

Displayed only in the case of HD ON

Preset channel display

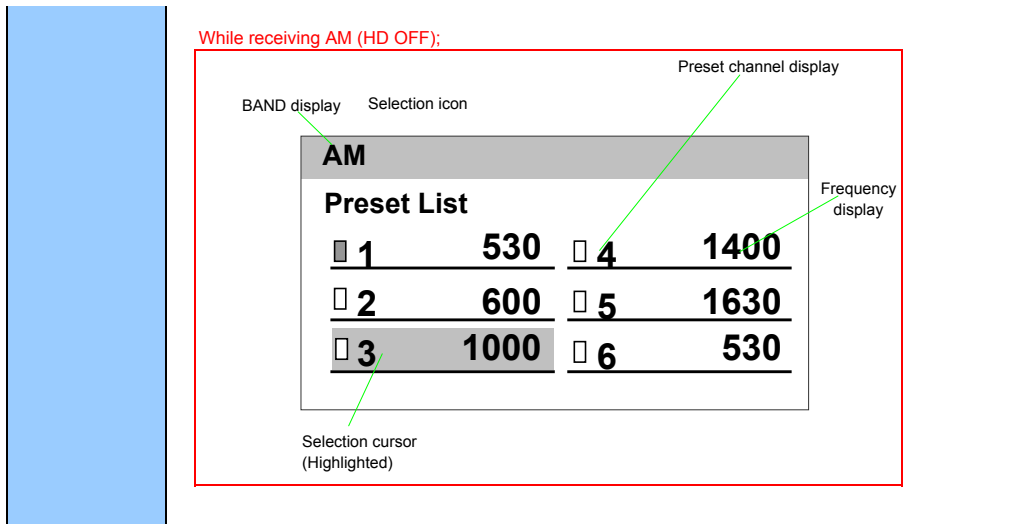
Indicators

Frequency display

AM	HD								
Preset List									
		TAG	LIVE						
1	530	4	1400						
2	600	5	1630						
3	1000	6	530						
Station Name		WWWWWWWWW							

Selection cursor (Highlighted)

Display of selected station (Name of CH selected by cursor)



Function	Text page feeding
Mode	HD ON: AM/FM mode (Artist/Song data receiving condition) HD OFF: FM mode (RBDS text receiving condition)
Key operation	Pressing of TEXT key
Outline of functions	Displayed text data page is turned.

Explanation of indicator

Function	HD indicator
Mode	During FM/AM mode (During receiving Digital data)S
Key operation	-
Outline of functions	Indicator is lighted when HD Radio is ON and Digital Audio signal is being received.

Function	Tagging indicator
Mode	During FM/AM mode (During receiving Digital data)
Key operation	-
Outline of functions	Indicator is lighted when iPod Tagging receiving becomes available.

Function	Live indicator
Mode	During FM/AM mode (During receiving Digital data)
Key operation	-
Outline of functions	Indicator is lighted when Ballgame is received.

Function	ST indicator
Mode	During FM mode (During receiving Analog data)
Key operation	-
Outline of functions	Indicator is lighted when STEREO broadcasting is received.

Function	PTY indicator
Mode	In FM mode (While receiving RBDS and HD ON)
Key operation	Short pressing of LIST/BACK key
Outline of functions	Indicator is lighted when PTY group selection is ON in FM mode.

4. Radio(RDS)

Function specification

Function	FM On
Mode	Except for FM mode
Key operation	Pressing of FM key
Outline of functions	FM is set to ON.

Function	AM On
Mode	Except for AM mode
Key operation	Pressing of AM key
Outline of functions	AM is set to ON.

Function	Change of FM BAND
Mode	In FM mode
Key operation	Pressing of FM key
Outline of functions	FM band is switched.

Function	Change of AM BAND
Mode	In AM mode
Key operation	Pressing of AM key
Outline of functions	AM band is switched.

Function	Tune Up/Down
Mode	During FM/AM mode
Key operation	Rotation of Tune key
Outline of functions	The receiving frequency is changed by the specified number of steps.
Function	Seek Up/Down
Mode	During FM/AM mode
Key operation	Pressing of Seek Up/Down key
Outline of functions	The receivable frequency is detected.
Function	Preset SCAN
Mode	During FM/AM mode
Key operation	Holding of >>/SCAN key
Outline of functions	Preset channel is received sequentially.
Function	Stop of Seek
Mode	During FM/AM mode (Seeking)
Key operation	-
Outline of functions	Seeking operation is stopped.
Function	Stop of Preset Scan
Mode	During FM/AM mode (Preset Scanning)
Key operation	-
Outline of functions	Preset Scan is stopped.
Function	Calling of Preset
Mode	During FM/AM mode
Key operation	Short pressing of Preset key
Outline of functions	Registered frequency is called.
Function	Preset registration
Mode	During FM/AM mode
Key operation	Holding of Preset key
Outline of functions	Receiving frequency is registered.
Function	Preset-ch Up/Down
Mode	During FM/AM mode
Key operation	Pressing of ST-Up/Down key
Outline of functions	Preset channel is changed by 1ch.
Function	Auto Store
Mode	During FM/AM mode
Key operation	Holding of <</A.S. key for 1.5 seconds or more
Outline of functions	Receivable frequency is registered to Preset.
Function	Stop of Auto Store
Mode	During FM/AM mode (In Auto Store)
Key operation	-
Outline of functions	Executed Auto Store is stopped.
Function	AF function ON/OFF
Mode	During FM mode
Key operation	Pressing of RDS key
Outline of functions	AF function is set to ON or OFF.
Function	REG function ON/OFF
Mode	
Key operation	Operation in MENU
Outline of functions	REG function is set to ON/OFF.
Function	TI function ON/OFF
Mode	Power ON (Except for AM, TEL, and camera mode)
Key operation	Pressing of TI/NEWS key for less than 0.5 seconds
Outline of functions	TI function is set to ON or OFF.
Function	NEWS function ON/OFF
Mode	Power ON (Except for AM, TEL, and camera mode)
Key operation	Pressing of TI/NEWS key for more than 0.5 seconds
Outline of functions	NEWS function is set to ON/OFF.
Function	ALARM interruption function
Mode	-
Key operation	-
Outline of functions	ALARM interruption receipt is executed.
Function	TI interruption function
Mode	-
Key operation	-
Outline of functions	TI interruption receipt is executed.
Function	NEWS interruption function
Mode	-
Key operation	-
Outline of functions	NEWS interruption receipt is executed.

Function	RDS interruption reset
Mode	During interruption operation
Key operation	
Outline of functions	RDS interruption is reset.

Function	TP Seek
Mode	During FM mode
Key operation	-
Outline of functions	Frequency receivable by traffic information broadcast station (TP station) is detected.

Function	Preset channel list mode
Mode	During FM/AM mode
Key operation	<ul style="list-style-type: none"> ■ Pressing of List/Back : <ul style="list-style-type: none"> • Preset channel list mode ON/OFF setting is switched. • Preset channel list screen is displayed if the key is pressed while the main screen is displayed. • The main screen is displayed if the key is pressed while Preset ch list screen is displayed. ■ Short pressing of Menu/Enter : <ul style="list-style-type: none"> • Channel at the selected cursor position is selected. ■ Rotation of Tune/Track : <ul style="list-style-type: none"> • The list selection cursor moves up or down. → In the case of counterclockwise rotation from the list top (P.ch1), the cursor moves to the end of the list (P.ch6). → In the case of clockwise rotation from the list end (P.ch6), the cursor moves to the top (P.ch1). * After cursor operation, the cursor position selection icon is lighted. ■ Pressing of List/Back : <ul style="list-style-type: none"> • Preset channel list mode is reset. <p style="color: red; margin-top: 10px;">■ Pressing of ST_Up/ST_Down (Preset ch. Up/Down):</p> <ul style="list-style-type: none"> • P.ch selection icon corresponding to the pressed ST_Up/ST_Down key is lighted. * After pressing keys, the cursor position does not change.
Outline of functions	Preset channel list of the receiving band is displayed.

Display	<p>*Refer to "DisplaySpec_List" for the actual Preset channel list display.</p> <p>When FM is received;</p> <div style="text-align: center;"> </div> <p style="text-align: center;">Name is displayed if PS Name has been acquired.</p> <p>When AM is received;</p> <div style="text-align: center;"> </div>
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Details of operations

Function	CD On
Mode	CDDA, MP3/WMA/AAC
Key operation	Pressing of CD key
Outline of functions	The mode is transited to CD mode.
Function	CD In
Mode	CDDA, MP3/WMA/AAC
Key operation	Insertion of DISC
Outline of functions	DISC Insertion operation is executed.
Function	CD Eject
Mode	CDDA, MP3/WMA/AAC
Key operation	Pressing of CD Eject key
Outline of functions	Disc is ejected.
Function	Track Up
Mode	CDDA, MP3/WMA/AAC
Key operation	Clockwise rotation of TUNE/Track rotary key
Outline of functions	Skip to next track
Function	Track DOWN
Mode	CDDA, MP3/WMA/AAC
Key operation	Counterclockwise rotation of TUNE/Track rotary key
Outline of functions	Back to the top of the track being played or back to the previous track.
Function	FF
Mode	CDDA, MP3/WMA/AAC
Key operation	Holding of >> / AS key
Outline of functions	Played track is fast-fed.
Function	FB
Mode	CDDA, MP3/WMA/AAC
Key operation	Holding of << / SCAN key
Outline of functions	Played track is fast-wound.
Function	Pause
Mode	CDDA, MP3/WMA/AAC
Key operation	Pressing of ST-Mute key
Outline of functions	Playback is stopped and the sound is muted.
Function	CD (Common) ERROR display
Mode	CDDA, MP3/WMA/AAC
Key operation	
Outline of functions	CD (Common)ERROR display

5.2 CD(CDDA)

Details of operations

Function	RPT change (CDDA)
Mode	CDDA
Key operation	Pressing of Preset 1/RPT key (Left-hand drive) Pressing of Preset 6/RPT key (Right-hand drive)
Outline of functions	Repeat mode is switched.
Function	RDM change (CDDA)
Mode	CDDA
Key operation	Pressing of Preset 2/RDM key (Left-hand drive) Pressing of Preset 5/RDM key (Right-hand drive)
Outline of functions	Random mode is switched.

5.3 CD(MP3/WMA/AAC)

Details of operations

Function	Folder Up
Mode	MP3/WMA/AAC
Key operation	Short pressing of >> / AS key
Outline of functions	Proceeding to next Folder
Function	Folder Down
Mode	MP3/WMA/AAC
Key operation	Short pressing of << / SCAN key
Outline of functions	Returning to the previous Folder
Function	RPT change(MP3/WMA/AAC)
Mode	MP3/WMA/AAC
Key operation	Pressing of Preset 1/RPT key (Left-hand drive) Pressing of Preset 6/RPT key (Right-hand drive)
Outline of functions	Repeat mode is switched.

Function	RDM change (MP3/WMA/AAC)
Mode	MP3/WMA/AAC
Key operation	Pressing of Preset 2/RDM key (Left-hand drive) or Preset 5/RDM key (Right-hand drive)
Outline of functions	Random mode is changed.

Function	List mode On
Mode	MP3/WMA/AAC
Key operation	Short pressing of List/Back key
Outline of functions	List mode is set to ON.

Function	List mode operation
Mode	During MP3/WMA/AAC List mode
Key operation	<ul style="list-style-type: none"> ■ Short pressing of Menu/Enter : <ul style="list-style-type: none"> • The highlighted item is selected and the cursor transits to the list of the lowest layer. (In the case of the final layer, the highlighted item is reproduced.) ■ Rotation of Tune/Track : <ul style="list-style-type: none"> • List cursor is moved up or down. <ul style="list-style-type: none"> → In the case of counterclockwise rotation from the list top, the cursor moves to the end of the list. → In the case of clockwise rotation from the list end, the cursor moves to the top of the list. ■ Short pressing of List/Back : <ul style="list-style-type: none"> • The cursor returns to the list higher layer. (In the case of the topmost layer, the list is reset.) ■ Holding of List/Back : <ul style="list-style-type: none"> • The list mode is reset.

Outline of functions	<ul style="list-style-type: none"> • Folder and File are selected and operated on the list. • The track is selected in the order of Folder→File.
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Display	<ul style="list-style-type: none"> • On Folder selection screen, the folder name is displayed as it is. • On File selection screen, the extension (.mp3/.wma/.aac) of the file name is deleted when displayed.
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Function	CD (MP3/WMA/AAC)ERROR display
Mode	MP3/WMA/AAC
Key operation	
Outline of functions	CD (MP3/WMA/AAC)ERROR display

2.2.3.1.4. USB

Details of operations

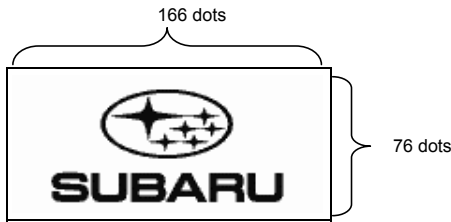
Function	Insertion of USB device
Mode	In USB mode
Key operation	N/A
Outline of functions	Recognition of connection

Function	USB ERROR display
Mode	During USB mode
Key operation	
Outline of functions	ERROR display when USB device is connected

5.4 iPod

Details of operations

Function	Attaching and detaching of iPod
Mode	iPod
Key operation	-
Outline of functions	Operation when iPod is attached to or detached from DisplayAudio

Display	<ul style="list-style-type: none"> • Display on iPod main body when iPod is connected 
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Function	iPod mode On
Mode	ACC On (except for iPod mode) and when iPod is connected
Key operation	Pressing of mode change key
Outline of functions	The mode is changed to iPod mode.

Function	iPod mode Off (Transition to other modes)
Mode	ACC On (except for iPod mode) and when iPod is connected
Key operation	• Mode change key
Outline of functions	iPod mode is ended.

Function	Track Up/Down
Mode	Playback of iPod
Key operation	Short pressing of Tune/Track Up key
Outline of functions	Track is moved Up or Down.
Function	FF/FB
Mode	iPod
Key operation	•Holding of >> / AS key (FF)
Outline of functions	FF/FB is executed.
Function	RPT change (iPod)
Mode	iPod *Except for the time during playback of Audiobook
Key operation	Pressing of Preset 1/RPT key (Left-hand drive) Pressing of Preset 6/RPT key (Right-hand drive)
Key operation	Pressing of Preset 1 key
Outline of functions	iPod RPT function is switched.
Display	The indication is switched after confirming that iPod state is shifted. (Advanced indication is not possible because there might be the case that iPod condition does not change even if the command is sent.)
Function	Shuffle change (iPod)
Mode	iPod
Key operation	Pressing of Preset 2/RPT key (Left-hand drive) Pressing of Preset 5/RPT key (Right-hand drive)
Outline of functions	iPod Shuffle function is switched.
Display	The indication is switched after confirming that iPod condition is switched. (Advanced indication is not possible because there might be the case that iPod condition does not change even if the command is sent.)
Function	Change of playback speed
Mode	iPod *Only during playback of Audiobook
Key operation	Pressing of Preset 1/RPT key (Left-hand drive) Pressing of Preset 6/RPT key (Right-hand drive)
Outline of functions	iPod playback speed is changed.
Display	The indication is switched after confirming that iPod condition is switched. (Advanced indication is not possible because there might be the case that iPod condition does not change even if the command is sent.)
Function	iPod List mode On
Mode	iPod
Key operation	•Pressing of List / Back key
Outline of functions	iPod List mode is set to ON.
Function	iPod List mode operation
Mode	During iPod List mode
Key operation	■ Short pressing of Menu/Enter :
Outline of functions	By setting iPod List mode to ON, the track can be selected in the list like iPod.
Function	iPod ERROR display
Mode	iPod
Key operation	-
Outline of functions	ERROR display when iPod is connected
Function	iTunes tagging information transfer
Mode	iPod
Key operation	-
Outline of functions	iTunes tagging information is transferred to iPod when iPod is connected.

6. AUX TEL VTR

6.1 AUX

Details of operations

Function	AUX device connection judgment
Mode	When ACC is On
Key operation	N/A
Outline of functions	It is judged whether AUX device is connected in the universal input port of the microcomputer.
Function	AUX mode On
Mode	When ACC is On (Power On)
Key operation(YT2mc)	Short pressing of AUX key (Operated when the key is ON)
Key operation(PD5)	Pressing of CD/AUX key
Outline of functions	The mode is transited to AUX mode.
Function	Volume exclusive for AUX
Mode	During AUX mode
Key operation	Volume key rotation
Outline of functions	•Volume exclusive for AUX is moved UP or DOWN.

6.2 VTR

Details of operations

Function	Judgment of VTR device connection
Mode	When ACC is On
Key operation	N/A
Outline of functions	It is judged whether AUX device is connected in the universal input port of the microcomputer. Judging method Refer to the universal port input monitor control function

Function	VTR mode On
Mode	When ACC is On (Power On)
Key operation(YT2mc)	Pressing of AUX key
Key operation(PD5)	Pressing of CD/AUX key
Outline of functions	The mode is transited to VTR mode.

Function	Volume exclusive for VTR
Mode	During VTR mode
Key operation	Volume key rotation
Outline of functions	<ul style="list-style-type: none"> Volume exclusive for VTR is moved UP or DOWN. Volume adjustment range and method in VTR mode are the same as the regular Volume Up/Down.

Function	Drive regulation in VTR mode
Feature List No.	
Target model	
Mode	During VTR mode
Key operation	N/A
Outline of functions	The video output is restricted depending on the vehicle driving condition (Parking Brake condition).

7. SAT

7.1 XM/Sirius function

Satellite radio operation (XM)

Function	ACC ON	S DCU 2 SAT XM ACC ON
Mode	ACC OFF, source mode except for XM mode, Power OFF	
Key operation	ACC ON (during connection of XM BB), Connection of XM BB when ACC is ON	
Outline of functions	XM BB is connected to the system.	
Display	Connection image diagram	

Function	XM On	S DCU 2 SAT XM ON
Mode	Source mode except for XM mode, Power OFF	
Key operation	Pressing of SAT key	
Outline of functions	The mode is transited to XM Mode.	
Display	<p>Without XM BB connection</p> <p>Selection is not available.</p> <p>When only XM BB is connected; (In the case of BAND3)</p> <p>When XM BB (BAND 3) + Media Hub (Media1,2) are connected;</p>	

Function	Switching of band	S DCU 2 SAT XM BAND
Mode	During XM mode	
Key operation	Pressing of SAT key	
Outline of functions	XM band is switched.	

Function	Channel Up/Down	S DCU 2 SAT CH UD
Mode	During XM mode	
Key operation	Rotation of TUNE key ST-UP, ST-DOWN key	
Outline of functions	Received channel is changed.	

Function	Channel 10-digit Up/Down increments (S DCU 2 SAT SEEK UD)
Mode	During XM mode
Key operation	Pressing of >>/SCAN for less than 1.5 seconds Short pressing of <</A.S key
Outline of functions	Received channel is incremented by 10 digits.

Function	Category Search Mode On	S DCU 2 SAT CAT MODE ON
Mode	During XM mode	
Key operation	Pressing of LIST/BACK key	
Outline of functions	The mode is transited to Category Search Mode. In this mode, the category of user preference is selected and the channel included in the category is searched for.	

Function	Category Up/Down	S DCU 2 SAT CAT UD																											
Mode	During CATEGORY SEARCH mode																												
Key operation	Pressing of FOLDER Up/Down key																												
Outline of functions	The category is changed.																												
Display	<table border="1"> <thead> <tr> <th>Category</th> <th>ID</th> <th></th> </tr> </thead> <tbody> <tr><td>:</td><td>:</td><td></td></tr> <tr><td>:</td><td>:</td><td></td></tr> <tr><td>ROCK</td><td>6</td><td>Down</td></tr> <tr><td>POP</td><td>7</td><td>↑</td></tr> <tr><td>DECADES</td><td>10</td><td>● The category is moved up or down from the selected one based on ID.</td></tr> <tr><td>HIP HOP</td><td>12</td><td>↓</td></tr> <tr><td>:</td><td>:</td><td>Up</td></tr> <tr><td>:</td><td>:</td><td></td></tr> </tbody> </table>		Category	ID		:	:		:	:		ROCK	6	Down	POP	7	↑	DECADES	10	● The category is moved up or down from the selected one based on ID.	HIP HOP	12	↓	:	:	Up	:	:	
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Function	Up/Down of Category CH	S DCU 2 SAT CAT CH UD																																			
Mode	During CATEGORY SEARCH mode																																				
Key operation	Rotation of TUNE key ST-UP,ST-DOWN key																																				
Outline of functions	CH that belongs to the selected category is changed.																																				
Display	<table border="1"> <thead> <tr> <th>Category</th> <th>ID</th> <th></th> </tr> </thead> <tbody> <tr><td>:</td><td>:</td><td></td></tr> <tr><td>:</td><td>:</td><td></td></tr> <tr><td>ROCK</td><td>6</td><td></td></tr> <tr><td>POP</td><td>7</td><td></td></tr> <tr><td>DECADES</td><td>10</td><td>● Only CH that belongs to the selected category is moved UP or DOWN.</td></tr> <tr><td>HIP HOP</td><td>12</td><td></td></tr> <tr><td>:</td><td>:</td><td></td></tr> <tr><td>:</td><td>:</td><td></td></tr> </tbody> </table> <table border="1"> <tr> <td>CH</td> <td>5</td> <td>10</td> <td>11</td> <td>12</td> <td>13</td> <td>20</td> <td>21</td> </tr> </table> <p style="text-align: center;"> ← Down ● → Up </p>		Category	ID		:	:		:	:		ROCK	6		POP	7		DECADES	10	● Only CH that belongs to the selected category is moved UP or DOWN.	HIP HOP	12		:	:		:	:		CH	5	10	11	12	13	20	21
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Function	Preset List	S DCU 2 SAT PCH LIST									
Mode	During XM mode										
Key operation	Holding of LIST/BACK key										
Outline of functions	The channel list registered in Preset is displayed.										
Display	<p><Image of list display></p> <table border="1"> <tr> <td>Pch 1 CH 001</td> <td>↓ Preset No.</td> <td>Pch 4 CH 005 ←Channel No.</td> </tr> <tr> <td>Pch 2 CH 002</td> <td></td> <td>Pch 5 CH 007 ←Cursor</td> </tr> <tr> <td>Pch 3 CH 001</td> <td></td> <td>Pch 6 CH 011</td> </tr> </table> <p style="text-align: center;">★ This part is not displayed.</p>		Pch 1 CH 001	↓ Preset No.	Pch 4 CH 005 ←Channel No.	Pch 2 CH 002		Pch 5 CH 007 ←Cursor	Pch 3 CH 001		Pch 6 CH 011
Pch 1 CH 001	↓ Preset No.	Pch 4 CH 005 ←Channel No.									
Pch 2 CH 002		Pch 5 CH 007 ←Cursor									
Pch 3 CH 001		Pch 6 CH 011									

Function	Calling of Preset	S DCU 2 SAT PCH CALL
Mode	During XM mode	
Key operation	Pressing of Preset key for less than 1.5 seconds	
Outline of functions	CH that is registered to the corresponding Preset is called.	

Function	Registration of Preset	S DCU 2 SAT PCH STORE
Mode	During XM mode	
Key operation	Pressing of Preset key for 1.5 seconds or more	
Outline of functions	The received channel is registered to the corresponding Preset.	

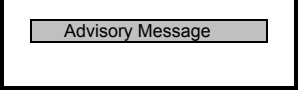
Function	Scan of Channels included in category	S DCU 2 SAT CAT SCAN
Mode	During CATEGORY SEARCH mode	
Key operation	Pressing of SCAN key for 1.5 seconds or more	
Outline of functions	Channel included in the selected Category is scanned.	

Function	ALL CH Scan	S DCU 2 SAT ALL SCAN
Mode	During XM mode (During non-CATEGORY SEARCH mode)	
Key operation	Pressing of SCAN key for 1.5 seconds or more	
Outline of functions	On-air channel is scanned.	

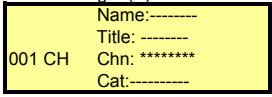
Function	RADIO ID display	S DCU 2 SAT RADIO ID
Mode	During XM mode (During non-CATEGORY SEARCH mode)	
Key operation	Key operation to select CH 0	
Outline of functions	XM RADIO ID is displayed.	

Display		
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Function	Advisory Message display	S DCU 2 SAT XM ADV MSG
Mode	During XM mode	
Key operation	Without channel selection operation or key operation	
Outline of functions	The condition related to XM broadcast is displayed.	

Display	<p>Advisory Message is displayed in the following manner. Refer to F_DC_01_Screen layout for the actual display.</p> 	
---------	---	--

Function	DIAG MODE On	S DCU 2 SAT XM DIAG
Mode	During XM mode	
Key operation	Holding of multi-pressing keys of LIST/BACK + Preset 6	
Outline of functions	The mode is transited to XM Diag Mode.	

Display	<p>Check item) Is DIAG display screen provided exclusively?</p> <p>Only the mode is displayed. It is updated every time the 8-byte data is notified by XM BB.</p> <p>Image (B)</p> 	
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Function	Diag Up/Down	S DCU 2 SAT DIAG UD
Mode	In XM Diag Mode	
Key operation	>>/SCAN, <</A.S キーON	
Outline of functions	Received channel is changed.	

Function	EXT DIAG MODE On	S DCU 2 SAT XM EXT DIAG
Mode	During XM mode	
Key operation	Holding of multi-pressing keys of LIST/BACK + Preset 5	
Outline of functions	The mode is transited to XM Ext Diag Mode. XM BB is externally connected to PC, and the performance of XM Module is evaluated in this mode.	

Display	EXT DIAG display screen is similar to DIAG display screen.	
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Satellite radio operation (Sirius)

Function	ACC ON	S DCU 2 SAT SR ACC ON
Mode	ACC OFF, source modes except for Sirius mode, Power OFF	
Key operation	ACC ON (during connection of Sirius BB), Connection of Sirius BB when ACC is ON	
Outline of functions	Sirius BB is connected to the system.	
Display	<p>Connection image diagram</p> <pre> graph LR DCU["Main body of DCU set (Master microcomputer)"] --- Sie["Sie-BUS cable"] --- BB["Sirius BB"] subgraph DCU_Box [Function No. 42] DCU end </pre>	

Function	Sirius On	S DCU 2 SAT SR ON
Mode	Source mode except for Sirius mode, Power OFF	
Key operation	Pressing of SAT key	
Outline of functions	The mode is transited to Sirius Mode.	
Display	<p>Without Sirius BB connection</p> <p style="text-align: center;">Non-selectable</p> <hr/> <p>When only Sirius BB is connected; (In the case of BAND3)</p> <pre> graph LR SR1[SR1] --> SR2[SR2] SR2 --> SR3[SR3] SR3 --> SR1_2[SR1] SR1_2 --> Arrow[→] </pre> <hr/> <p>When connecting Sirius BB (BAND 3) + Media Hub (Media1,2)</p> <pre> graph LR SR1[SR1] --> SR2[SR2] SR2 --> SR3[SR3] SR3 --> MEDIA1[MEDIA1] MEDIA1 --> MEDIA2[MEDIA2] MEDIA2 --> SR1_2[SR1] SR1_2 --> Arrow[→] </pre>	

Function	Switching of band	S DCU 2 SAT SR BAND
Mode	During Sirius mode	
Key operation	Pressing of SAT key	
Outline of functions	Sirius band is switched.	

Function	CH Up/Down	
Mode	During Sirius mode	
Key operation	Rotation of TUNE key ST-UP,ST-DOWN key	
Outline of functions	Received channel is changed.	

Function	Channel Up/Down by 10 digits (SEEK Up/Down)	
Mode	During Sirius mode	
Key operation	Pressing of >>/SCAN, <</A.S key for less than 1.5 seconds	
Outline of functions	Received channel is incremented by 10 digits.	

Function	Category Search Mode On	
Mode	During Sirius mode	
Key operation	Pressing of LIST/BACK key	
Outline of functions	The mode is transited to Category Search Mode. In this mode, the category of the user preference is selected and the channel included in the category is searched for.	

Function	Category Up/Down	
Mode	During CATEGORY SEARCH mode	
Key operation	Pressing of FOLDER Up/Down key	
Outline of functions	The category is changed.	

Function	Channel included in category Up/Down	
Mode	During CATEGORY SEARCH mode	
Key operation	Rotation of TUNE key ST-UP,ST-DOWN key	
Outline of functions	Channel that belongs to the selected category is changed.	

Function	Preset List	
Mode	During Sirius mode	
Key operation	Holding of LIST/BACK key	
Outline of functions	The list of channels registered to Preset is displayed.	

Function	Calling of Preset	
Mode	During Sirius mode	
Key operation	Pressing of Preset key for less than 1.5 seconds	
Outline of functions	Channel that is registered to the corresponding Preset is called.	

Function	Registration of Preset	
Mode	During Sirius mode	
Key operation	Pressing of Preset key for 1.5 seconds or more	
Outline of functions	Channel that is registered to the corresponding Preset is called.	

Function	Channel included in category Scan	
Mode	During CATEGORY SEARCH mode	
Key operation	Pressing of SCAN key for 1.5 seconds or more	
Outline of functions	Channel that belongs to the selected category is scanned.	

Function	ALL channel Scan	
Mode	During XM mode (In non-CATEGORY SEARCH mode)	
Key operation	Pressing of SCAN key for 1.5 seconds or more	
Outline of functions	On-air CH is scanned.	

Function	Display of Sirius ID	S DCU 2 SAT SIRIUS ID
Mode	During Sirius mode (In non-CATEGORY SEARCH mode)	
Key operation	Key operation for selecting CH 0	
Outline of functions	SIRIUS ID is displayed. This is the user ID in Sirius broadcast, and is also called Hardware ID.	

Function	Advisory Message display	S DCU 2 SAT SR ADV MSG
Mode	During Sirius mode	
Key operation	Without channel selection operation or key operation	
Outline of functions	The condition related to Sirius broadcast is displayed.	

Function	DIAG MODE On	S DCU 2 SAT SR DIAG
Mode	During Sirius mode	
Key operation	Holding of multiple keys of LIST/BACK + Preset 6	
Outline of functions	The mode is transited to Sirius Diag Mode. This is the mode to display the diagnosis data of Sirius Module notified by Sirius BB.	

Function	Diag Up/Down	
Mode	During Sirius Diag Mode	
Key operation	>>/SCAN, <</A.S key ON	
Outline of functions	Received channel is changed.	

Function	EXT DIAG MODE On	
Mode	During Sirius mode	
Key operation	Holding of multiple keys of LIST/BACK + Preset 5	
Outline of functions	The mode is transited to Sirius Ext Diag Mode. In this mode, Sirius BB is externally connected to PC, and the performance of Sirius Module is evaluated.	

8. Media-HUB

Media-HUB operation

Function	ACC ON	S DCU 2 MH ACC ON
Mode	ACC OFF, source mode except for Media-HUB mode, Power OFF	
Key operation	ACC ON (during connection of Media-HUB), Connection of Media-HUB when ACC is ON	
Outline of functions	Media-HUB is connected to the system.	
Display	Connection image diagram	
<pre> graph LR DCU["Main body of DCU set (Master microcomputer)"] --- Sie["Sie-BUS cable"] --- Media["Media-HUB"] </pre>		

Function	Media-HUB On	S DCU 2 MH ON
Mode	Except for XM/Sirius/Media-HUB mode (North America) Except for CD/USB/BT-Audio/AUX/Media-HUB mode (Europe/Australia)	
Key operation	Pressing of SAT key (North America) CD/AUX key (Europe/Australia)	
Outline of functions	The last mode of Media-HUB mode is set to ON.	
Display	<div style="border: 1px solid black; padding: 5px;"> <p>Without connection of Media-HUB</p> <p style="text-align: center;">Non-selectable</p> </div> <p>■ North America</p> <div style="border: 1px solid black; padding: 5px;"> <p>When only Media-HUB is connected (Media1,2)</p> <p style="text-align: center;"> MEDIA1 → MEDIA2 → MEDIA1 → </p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>When connecting XM BB (BAND 3) + Media Hub (Media1,2)</p> <p style="text-align: center;"> XM1 → XM2 → XM3 MEDIA1 → MEDIA2 → XM1 → </p> </div> <p>■ Europe/Australia</p> <div style="border: 1px solid black; padding: 5px;"> <p>When connecting Media Hub (Media1,2)</p> <p style="text-align: center;"> CD → USB → BTA → AUX MEDIA1 → MEDIA2 → CD → </p> </div>	
Function	Switching of band	S DCU 2 MH BAND
Mode	XM/Sirius/Media-HUB mode (North America) CD/USB/BT-Audio/AUX/Media-HUB mode (Europe/Australia)	
Key operation	Pressing of SAT key (for North America) or CD/AUX key (for Europe/Australia)	
Outline of functions	Media-HUB mode BAND is changed.	
Function	Track Up/Down	S DCU 2 MH TRK UD
Mode	During ON of Browsing function in Media-HUB mode, During OFF	
Key operation	Rotation of TUNE key ST-UP,ST-DOWN key	
Outline of functions	Track is moved Up or Down.	
Function	FF/FB	S DCU 2 MH FF FB
Mode	During ON of Browsing function in Media-HUB mode, During OFF	
Key operation	Pressing of >>/SCAN, <</A.S key	
Outline of functions	Fast-forward or fast returning	
Function	Browsing Mode On/Off	S DCU 2 MH BWS_MODE_ON
Mode	Media-HUB mode	
Key operation	Pressing of LIST/BACK key (North America) Pressing of LIST/BACK key (Europe/Australia)	
Outline of functions	The mode is transited to Browsing Mode.	
Function	Operation setting change function	S DCU 2 MH OP_SETTING
Mode	During OFF of Browsing function in Media-HUB mode	
Key operation	Pressing of Preset 1 to 6 keys (Short pressing or holding)	
Outline of functions	Operation setting is changed.	
Function	Change of Operation set value	
Mode	During ON of Browsing function in Media-HUB mode	
Key operation	>>/SCAN, <</A.S key	
Outline of functions	The set value in the current Operation mode is changed.	

Explanation of outline of USB/iPod operation


Function	Connect USB Device
Mode	While selecting MEDIA1 in Media-Hub mode (Other modes and BAND are acceptable.)
Key operation	N/A
Outline of functions	USB Device is connected to Media-HUB.
Display	<p>Connection image diagram</p> <pre> graph LR DCU[Main body of DCU set (Master microcomputer)] --- SieBUS[Sie-BUS cable] --- MediaHUB[Media-HUB] MediaHUB --- USB[USB] USB --- iPod[iPod] USB --- USBMem[USB Memory] </pre>
Function	Text/Status
Mode	During selection of MEDIA1 in Media-Hub mode
Key operation	
Outline of functions	Connected USB device title and state is displayed.
Function	USB/iPod Control
Mode	During selection of MEDIA1 in Media-Hub mode
Key operation	Refer to details.
Outline of functions	The playback function of the connected USB Memory/iPod is controlled.
Function	USB Browsing Mode
Mode	Media-Hub mode: During selection of MEDIA1 - During Browsing Mode
Key operation	Refer to details.
Outline of functions	The connected USB Memory is controlled.
Function	iPod Browsing Mode
Mode	Media-Hub mode: During selection of MEDIA1 - In Browsing Mode
Key operation	Refer to details.
Outline of functions	The connected iPod is controlled.
Function	Media-Hub Software Version
Mode	During selection of MEDIA1 in Media-Hub mode
Key operation	Holding of Preset 1/RPT key
Outline of functions	Media-HUB Software Version is displayed.

Explanation of outline of Bluetooth Audio

Function	Pairing Bluetooth Audio
Mode	During selection of MEDIA2 in Media-Hub mode
Key operation	N/A
Outline of functions	Bluetooth Audio (BTA) device and Media-HUB are paired.
Display	<p>Connection image diagram</p> <pre> graph LR DCU[Main body of DCU set (Master microcomputer)] --- SieBUS[Sie-BUS cable] --- MediaHUB[Media-HUB] MediaHUB --- Bluetooth[Bluetooth] --- BTAD[Bluetooth Audio device] </pre>
Function	Bluetooth Text/Status
Mode	During selection of MEDIA2 in Media-Hub mode
Key operation	N/A
Outline of functions	Connected Bluetooth Audio (BTA) device title and state are displayed.
Function	Bluetooth Control
Mode	During selection of MEDIA2 in Media-Hub mode
Key operation	Refer to details.
Outline of functions	The playback function of the connected Bluetooth Audio (BTA) device is controlled.
Function	Media-Hub Software Version
Mode	During selection of MEDIA2 in Media-Hub mode
Key operation	Holding of Preset 1/RPT key
Outline of functions	Media-HUB Software Version is displayed.

9. Bluetooth Audio

Details of operations

Function	A2DP connection and cutting
Mode	Bluetooth Audio mode
Key operation	N/A
Outline of functions	Connection recognition
Display	Explanation of display) 

Function	Track Up
Mode	Bluetooth Audio mode
Key operation	Clockwise rotation of TUNE/Track rotary key
Outline of functions	Skip to next track

Function	Track DOWN
Mode	Bluetooth Audio mode
Key operation	Counterclockwise rotation of TUNE/Track rotary key
Outline of functions	Back to the top of the track being played or back to the previous track

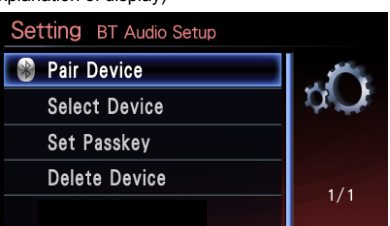
Function	Pause
Mode	Bluetooth Audio mode
Key operation	Pressing of ST-Mute key
Outline of functions	Playback is stopped and sound is muted.

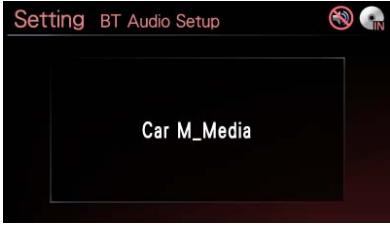
Function	Folder Up
Mode	Bluetooth Audio mode
Key operation	Short pressing of >>/AS key
Outline of functions	Moving to the next Folder

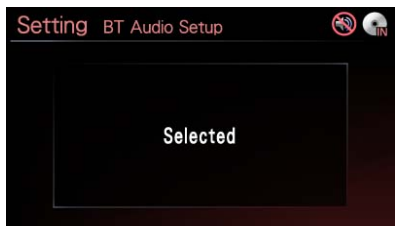
Function	Folder Down
Mode	Bluetooth Audio mode
Key operation	Short pressing of <</SCAN key
Outline of functions	Returning to the previous Folder


Function	RPT change
Mode	Bluetooth Audio mode
Key operation	Pressing of Preset 1/RPT key (Left-hand drive), Pressing of Preset 6/RPT key (Right-hand drive)
Outline of functions	Repeat mode is changed.

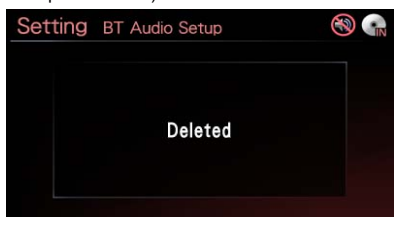
Function	RDM change
Mode	Bluetooth Audio mode
Key operation	Pressing of Preset 2/RDM key (Left-hand drive) Pressing of Preset 5/RDM key (Right-hand drive)
Outline of functions	Random mode is changed.

Function	"BT-Audio Setup" Top Menu
Mode	During Setting Mode
Key operation	Selection of BT-Audio Setup
Outline of functions	BT-Audio Setup is started.
Display	Explanation of display) 

Function	"BT-Audio Setup" Pair Audio Player
Mode	During Setting Mode
Key operation	Pair Audio Player is selected in BT-Audio Setup Top Menu.
Outline of functions	Pairing is executed. By pairing, connection with Bluetooth Audio Player becomes possible.
Display	Explanation of display) 

Function	"BT-Audio Setup" Select Audio Player
Mode	During Setting Mode
Key operation	Select Audio Player is selected in BT-Audio Setup Top Menu.
Outline of functions	Paired Audio Player is connected with Bluetooth.
Display	Explanation of display) 

Function	"BT-Audio Setup" Set Passkey
Mode	During Setting Mode
Key operation	Select Audio Player is selected in BT-Audio Setup Top Menu.
Outline of functions	Paired Audio Player is connected with Bluetooth.
Display	Explanation of display) 

Function	"BT-Audio Setup" Delete Audio Player
Mode	During Setting Mode
Key operation	Delete Audio Player is selected in BT-Audio Setup Top Menu.
Outline of functions	The registration information of paired Audio Player is deleted.
Display	Example of screen) 

10. BT-Hands Free

Details of operations

Function	Initial start of "BT-HF MENU"
Mode	Except for BT-HF Mode, AND 0 Pairing unit
Key operation	Pressing of Talk Key, pressing of Off-Hook key
Voice Command	N/A
Outline of functions	After initial start, Guidance language is selected and the operation is transited to the pairing function. *If the operation is started without registering phones, it is regarded as the initial start.

Function	"BT-HF MENU" Top Menu
Mode	Except for BT-HF Mode
Key operation	Pressing of Off-Hook key (Pressing of Talk Key)
Voice Command	N/A
Outline of functions	Menu of the topmost layer in BT-HF Mode

Function	"BT-HF MENU" Dial By Name
Mode	[Top Menu]
Key operation	N/A
Voice Command	Dial By Name
Outline of functions	The registered data associated with Voice Tag is called, and a phone call can be made to the registered data.

Function	"BT-HF MENU" Dial By Number
Mode	[Top Menu]
Key operation	N/A
Voice Command	Dial By Number
Outline of functions	If the phone number is told, the phone call can be made to the voice-recognized phone number.

Function	"BT-HF MENU" Speed Dial
Mode	[Top Menu]
Key operation	Pressing of Preset1-6
Voice Command	N/A
Outline of functions	The registered data associated with Speed Dial is called, and the phone call can be made to the registered data.

Function	"BT-HF MENU" Redial
Mode	[Top Menu]
Key operation	Selection of Redial
Voice Command	Redial
Outline of functions	The phone call is made or address book is registered from the registration of dial record, or the dial record can be deleted.

Function	"BT-HF MENU" Call Back
Mode	[Top Menu]
Key operation	Selection of Call Back
Voice Command	Call Back
Outline of functions	The phone call is made or address book is registered from the call register, or the call register is deleted.

Function	"BT-HF MENU" By Voice
Mode	[Top Menu]-[Phone Book]-[Add Entry]
Key operation	Selection of "By Voice"
Voice Command	By Voice
Outline of functions	If the phone number is told, the voice-recognized phone number is registered to the address book.

Function	"BT-HF MENU" By Phone
Mode	[Top Menu]-[Phone Book]-[Add Entry]
Key operation	Selection of "By Phone"
Voice Command	By Phone
Outline of functions	The address book data is transferred from the cell phone by OPP transfer, and registered to the address book.

Function	"BT-HF MENU" Manual Input
Mode	[Top Menu]-[Phone Book]-[Add Entry]
Key operation	Selection of Manual Input
Voice Command	N/A
Outline of functions	The phone number is input by key operation, and registered to the address book.

Function	"BT-HF MENU" Call History
Mode	[Top Menu]-[Phone Book]-[Add Entry]
Key operation	Selection of Call History
Voice Command	Call History
Outline of functions	The data is registered to the address book from the call history.

Function	"BT-HF MENU" List Names
Mode	[Top Menu]-[Phone Book]
Key operation	Selection of List Names
Voice Command	List Names
Outline of functions	Voice Tag associated with the registered data of the address book is reproduced. The registered data is selected to make phone calls, change Voice Tag, register to Speed Dial, or delete the registered data.

Function	"BT-HF MENU" Change Name
Mode	[Top Menu]-[Phone Book]
Key operation	Selection of Change Names
Voice Command	Change Names
Outline of functions	Voice Tag associated with the registered data of the address book is changed.


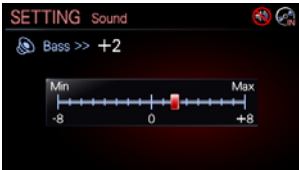
Function	"BT-HF MENU" Set Speed Dial
Mode	[Top Menu]-[Phone Book]
Key operation	Selection of Set Speed Dials
Voice Command	Set Speed Dials
Outline of functions	The registered data is registered to Speed Dial.

Function	"BT-HF MENU" Delete
Mode	[Top Menu]-[Phone Book]
Key operation	Selection of Delete
Voice Command	Delete
Outline of functions	The registered data is deleted.
Function	"BT-HF MENU" Delete Speed Dial
Mode	[Top Menu]-[Phone Book]
Key operation	Selection of Delete Speed Dial
Voice Command	Delete Speed Dial
Outline of functions	The registered data of Speed Dial is deleted.
Function	"BT-HF MENU" Set PIN
Mode	[Top Menu]-[Setup Menu]-[Security Menu]
Key operation	Selection of Set PIN
Voice Command	Set PIN
Outline of functions	PIN Code required for setting/resetting Phone Book Lock is set.
Function	"BT-HF MENU" Phone Book Lock
Mode	[Top Menu]-[Setup Menu]-[Security Menu]
Key operation	Selection of Phone Book Lock
Voice Command	Phone Book Lock
Outline of functions	Phone Book Lock is set.
Function	"BT-HF MENU" Phone Book Unlock
Mode	[Top Menu]-[Setup Menu]-[Security Menu]
Key operation	Selection of Phone Book Unlock
Voice Command	Phone Book Unlock
Outline of functions	Phone Book Lock is reset.
Function	"BT-HF MENU" Pair Phone
Mode	[Top Menu]-[Setup Menu]-[Phone Setup Menu]
Key operation	Selection of Pair Phone
Voice Command	Pair Phone
Outline of functions	Pairing is executed. By pairing, connection between Audio and cell phone becomes possible.
Function	"BT-HF MENU" Select Phone
Mode	[Top Menu]-[Setup Menu]-[Phone Setup Menu]
Key operation	Selection of "Select Phone"
Voice Command	Select Phone
Outline of functions	The phone to be connected is selected among from paired phones, and connected.
Function	"BT-HF MENU" Change Name
Mode	[Top Menu]-[Setup Menu]-[Phone Setup Menu]
Key operation	Selection of "Change Name"
Voice Command	Change Name
Outline of functions	Voice Tag associated with phones is changed.
Function	"BT-HF MENU" List Phones
Mode	[Top Menu]-[Setup Menu]-[Phone Setup Menu]
Key operation	Selection of List Phones
Voice Command	List Phones
Outline of functions	Voice Tag associated with registered phones is reproduced. The registered phone is selected to change Voice Tag, select connected phones, or delete registered phones.
Function	"BT-HF MENU" Delete
Mode	[Top Menu]-[Setup Menu]-[Phone Setup Menu]
Key operation	Selection of Delete
Voice Command	Delete
Outline of functions	The pairing state of the paired registered phones is reset.
Function	"BT-HF MENU" Set Passkey
Mode	[Top Menu]-[Setup Menu]-[Phone Setup Menu]
Key operation	Selection of Set Passkey
Voice Command	Set Passkey
Outline of functions	Passkey required for registration of BT-Device is set.
Function	"BT-HF MENU" Guidance Volume
Mode	[Top Menu]-[Setup Menu]-[System Setup Menu]
Key operation	Selection of Guidance Volume
Voice Command	N/A
Outline of functions	Guidance Volume is set.
Function	"BT-HF MENU" Language
Mode	[Top Menu]-[Setup Menu]-[System Setup Menu]
Key operation	Selection of Language
Voice Command	N/A
Outline of functions	The language type of Guidance is set.

Function	"BT-HF MENU" Initialize
Mode	[Top Menu]-[Setup Menu]-[System Setup Menu]
Key operation	Selection of "Initialize"
Voice Command	N/A
Outline of functions	System is initialized.
Function	Receipt of call
Mode	BT-HF Menu state, or state except for BT-HF mode
Key operation	N/A
Outline of functions	Receiving call condition is notified to users.
Function	Call on hold
Mode	Receiving of call
Key operation	Short pressing of On-Hook Key
Outline of functions	Call is put on hold.
Function	Rejection of receiving
Mode	Receiving of call
Key operation	Holding on On-Hook Key
Outline of functions	Receiving of calls is rejected.
Function	Start of phone call
Mode	Receiving of call
Key operation	Pressing of Off-Hook Key
Outline of functions	The phone call is started.
Function	Stop of phone call
Mode	Outgoing call
Key operation	Pressing of On-Hook Key
Outline of functions	The phone call is stopped.
Function	End of phone call
Mode	Speaking
Key operation	Pressing of On-Hook Key
Outline of functions	The phone call is ended.
Function	Transfer (From Hands Free state to Private state)
Mode	Speaking
Key operation	Pressing of Off-Hook Key
Outline of functions	The calling state is transferred to the cell phone.
Function	Transfer (From Private state to Hands Free state)
Mode	Speaking (Except for BT-HF Mode)
Key operation	Pressing of Off-Hook Key
Outline of functions	The call state is transferred from the cell phone to the set.
Function	Mute talking
Mode	Speaking
Key operation	Pressing of Talk Key
Outline of functions	Mute talking is set to ON or OFF.
Function	Adjustment of Mic Level
Mode	Speaking
Key operation	Pressing of ST-UP / ST-DOWN Key
Outline of functions	Mic Level is adjusted. By adjustment, the volume of the receiver is changed.

11. Setting

Details of operations

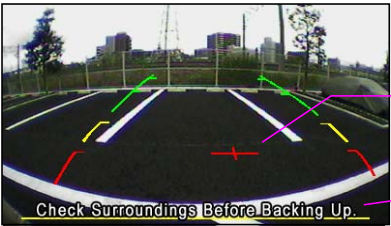
Function	Setting Mode On
Mode	In all modes (Except for Power Off and Tel Mode)
Key operation	Pressing of MENU/ENTER key
Outline of functions	Setting screen is displayed.
Display	Explanation of display) <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>List screen</p>  </div> <div style="text-align: center;"> <p>Adjustment screen</p>  </div> </div>
Function	Contents of adjustment items
Mode	During Setting Mode
Key operation	-
Outline of functions	Contents of adjustment items

Function	UP/DOWN movement of items in List screen
Mode	List screen During Setting Mode
Key operation	TUNE/TRACK/CH key rotation
Outline of functions	UP/DOWN movement of list items
Function	Decision of items on List screen
Mode	List screen During Setting Mode
Key operation	Pressing of MENU/ENTER key
Outline of functions	List items are decided.
Function	UP/DOWN of adjustment value on adjustment screen
Mode	Adjustment screen During Setting Mode
Key operation	Tune/Folder key rotation
Outline of functions	The adjustment value is increased or decreased.
Function	Setting Mode Back by 1 layer
Mode	During Setting Mode
Key operation	Short pressing of LIST/BACK key
Outline of functions	Returning by 1 layer During Setting Mode
Function	Reset of Setting Mode
Mode	During Setting Mode
Key operation	Holding of Back key
Outline of functions	Setting Mode is reset.
Function	Drive regulation During Setting Mode (Except for Camera Mode)
Mode	During Setting Mode (Except for Camera Mode)
Key operation	Vehicle speed input
Outline of functions	The operation is restricted depending on the vehicle drive state (Vehicle speed state).
Function	Mute/Pause During Setting Mode
Mode	Screen Saver items During Setting Mode
Key operation	
Outline of functions	Setting Mode is reset.
Function	Brightness (Dimmer cancel) On
Mode	Brightness On
Key operation	
Outline of functions	Brightness, Contrast is set to the daytime value.

12. Camera


Rearview-Camera

Details of operations

Function	Rearview-Camera display
Mode	•ACC On (Power On/Power Off)
Key operation	Vehicle REVERSE signal On (I NR REVERSE Active)
Outline of functions	Rearview-Camera display is executed.
Display	<p>Image of Rearview-Camera</p>  <p>V-shaped track</p> <p>Warning</p>

13. Screen OFF

Details of operations

Function	Screen OFF
Mode	All modes in ACC ON (Except for camera and Tel Mode)
Key operation	Decision of Screen OFF
Outline of functions	The screen is set to OFF.
Display	<p>Explanation of display)</p> <p>After decision of Screen OFF in Setting;</p> 

Function	Continuous operation of screen OFF
Mode	Screen OFF
Key operation	Refer to details.
Outline of functions	The key operation is accepted with the screen kept OFF.
Function	Reset of screen OFF
Mode	Screen OFF
Key operation	Refer to details.
Outline of functions	Screen OFF is reset.

13.1 NAVI mode

Details of operations

Function	NAVI mode On
Mode	All modes in ACC On (Except for TEL mode and CAMERA mode)
Key operation(PD5)	Holding of CD/AUX key
Outline of functions	It is judged whether NAVI devices are connected to the microcomputer universal input port. Judgment port is common with VTR. VTR-DET terminal is used. Refer to Subaru_PD5_Setting specification_2-1-9_PinAssign for allocation of Port. The mode is transited to NAVI mode when it is connected.

Function	Continuous operation of NAVI mode
Mode	During NAVI mode
Key operation	Refer to details.
Outline of functions	The operation is accepted with NAVI mode continued.

Function	Reset of NAVI mode
Mode	During NAVI mode
Key operation	Refer to details.
Outline of functions	NAVI mode is reset.

Function	Interruption of NAVI sound
Mode	All modes in ACC ON (Except for TEL mode)
Key operation(PD5)	
Outline of functions	Audio sound is muted in connection with TEL –MUTE terminal state. The presence of NAVI interruption is judged at the microcomputer universal input port. TEL-MUTE terminal is used for judgment port.

14. Screen saver

Details of operations

Function	Display of saved image (Reset of operation screen display)
Mode	Refer to "Switchable state to saved image" for details.
Function accrual state	Refer to "Timing to display saved image" for details.
Outline of functions	If there is no user operation for a certain length of time, the display is changed from the operation screen to the saved image.

Function	Display of saved image
Mode	All conditions for displaying saved image (Refer to "Display of saved image (Reset of operation screen display)").
Function accrual condition	-
Outline of functions	JPEG image saved by users is displayed.

Function	Reset of saved image display (Operation screen display)
Mode	Saved image display
Function accrual condition	Refer to details.
Outline of functions	The saved image display is reset and operation screen is displayed by operations specified in the details section.

Function	Setting of screen saver
Mode	
Function accrual condition	
Outline of functions	Setting to load JPEG images, selection of displayed images, and deletion of saved images

Function	Loading of JPEG image
Mode	Setting Mode
Function accrual condition	With USB storing JPEG data connected, "Screen Saver ⇒Picture Download" is selected in Setting Menu.
Outline of functions	

Function	Deletion of image
Mode	Setting Mode
Function accrual condition	In the condition at least one JPEG image is saved in ROM, "Screen Saver⇒Picture Erase" is selected in Setting Menu.
Outline of functions	JPEG image saved in ROM is selected and deleted.

Function	Selection of displayed image
Mode	Setting Mode
Function accrual condition	In the condition at least one JPEG image is saved in ROM, "Screen Saver⇒Picture Select" is selected in Setting Menu.
Outline of functions	Among the images saved in ROM, the image displayed in "Saved image display (Operation screen display reset)" is selected. The condition is switched by selection of Display/Non-display.