User Manual

This device is installed in vehicle. Since it is not sold to general end users directly, there is no user manual of this device.

The following statements must be described on the user manual of the host vehicle of this device;

[for FCC]

FCC 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 radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. 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.

[for IC]

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets 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.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée. Cependant, il est souhaitable qu'il devrait être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps.

Audio set
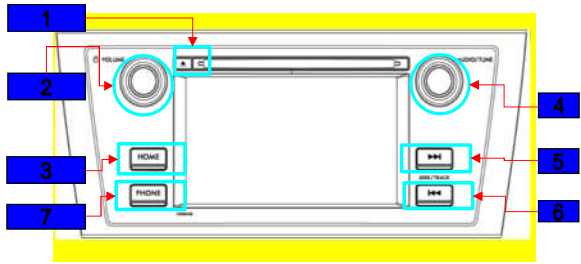
1	Eject Button
2	Power/Volume Button
3	Home Button
4	Tune/Audio Button
5	Seek/Track Up Button
6	Seek/Track Down Button
7	PHONE Button

Power and audio controls

1 Eject Button
Press the "▲" button to eject a disc loaded in the audio set.

2 Power/Volume Button
Push the dial for ON or OFF.
Turn the dial to control volume.

**3 Home Button**
Press the button to indicate main menu.

4 Tune/Audio Button
Turn "Tune" dial clockwise to increase the tuning frequency and turn the "Tune" dial counterclockwise to decrease it.
Press switch to select desired tone and balance control modes.

5 Seek/Track Up Button
Press the button and hold 2s, the radio will automatically search for a receivable station and stop at the first one it finds
Press the button to select the next folder.
Press the button to select the previous.

6 Seek/Track Down Button
Press the button and hold 2s, the radio will automatically search for a receivable station and stop at the first one it finds.
Press the button to select the previous.

7 PHONE Button
Press the button to pair with your cell phone.

FM MODE
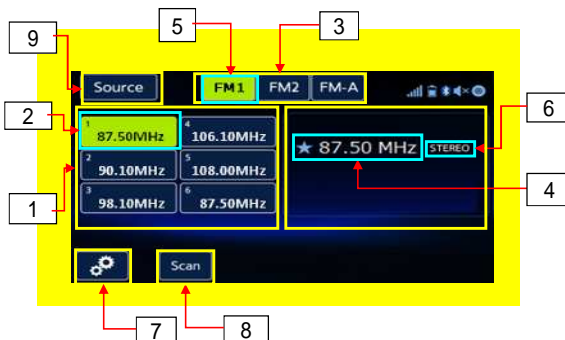
1	Preset Channel List
2	Preset Channel Key
3	Band Display Area
4	Frequency Display Area
5	Band Select Key
6	STEREO Display Area
7	Setting Key
8	SCAN Key
9	Source Select Key

1 Preset Channel List
You can preset the channel in the Preset Channel List.

2 Preset Channel Key
You can select the channel when you press the key.

3 Band Display Area
In the area,you can select the band that you want.

4 Frequency Display Area
The CurrentFrequency that you are receiving

5 Band Select Key
You can select the band when you press the key.

6 STEREO Display Area
The area is used to judge whether the stereo or not.

7 Setting Key
Press the key to enter the audio setting.

8 SCAN Key
Press the key,the radio starts to scan the channel.

9 Source Select Key
Press the key to enter the Multimedia Select Interface.

AM MODE

1	Preset Channel List
2	Preset Channel Key
3	Band Display Area
4	Frequency Display Area
5	Band Select Key
6	~~STEREO Display Area~~
7	Setting Key
8	SCAN Key
9	Source Select Key

1	Preset Channel List	2	Preset Channel Key	3	Band Display Area
You can preset the channel in the Preset Channel List.		You can select the channel when you press the key.		In the area,you can select the band that you want.	

4	Frequency Display Area	5	Band Select Key
The CurrentFrequency that you are receiving		You can select the band when you press the key.	

7	Setting Key	8	SCAN Key	9	Source Select Key
Press the key to enter the audio setting.		Press the key,the radio starts to scan the channel.		Press the key to enter the Multimedia Select Interface.	

RDS/Radio
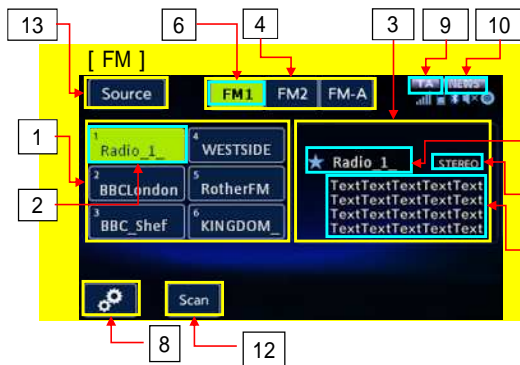
1	Preset Channel List
2	Preset Channel Key
3	Receiving Status Display Area
4	Band Display Area
5	Frequency Display Area
6	Band Select Key
7	STEREO Display Area
8	Setting Key
9	TA Icon Display Area
10	NEWS Icon Display Area
11	Radio Text Display Area
12	SCAN Key
13	Source Select Key

1	Preset Channel List	2	Preset Channel Key	3	Receiving Station Display Area
You can preset the channel in the Preset Channel List.		You can select the channel when you press the key.		In the area,you can the current status about the radio receiving.	

4	Band Display Area	5	Frequency Display Area	6	Band Select Key
In the area,you can select the band that you want.		The CurrentFrequency that you are receving		You can select the band when you press the key.	

7	STEREO Display Area	8	Setting Key	9	TA Icon Display Area
The area is used to judge whether the stereo or not.		Press the key to enter the audio setting.		In the area,you can see the "TA" mark.	

10	NEWS Icon Display Area	11	Radio Text Display Area	12	SCAN Key
In the area,you can see the "NEWS" mark.		In the area,you can see the radio text information.		Press the key,the radio starts to scan the channel.	

13	Source Select Key
Press the key to enter the Multimedia Select Interface.	

1	Preset Channel List
2	Preset Channel Key
3	Receiving Station Display Area
4	Band Display Area
5	Frequency Display Area
6	Band Select Key
7	STEREO Display Area
8	Setting Key
9	TA Icon Display Area
10	NEWS Icon Display Area
11	Radio Text Display Area
12	SCAN Key
13	Source Select Key

1	Preset Channel List	2	Preset Channel Key	3	Receiving Station Display Area
You can preset the channel in the Preset Channel List.		You can select the channel when you press the key.		In the area,you can the current status about the radio receiving.	

4	Band Display Area	5	Frequency Display Area	6	Band Select Key
In the area,you can select		The CurrentFrequency that		You can select the band when	

the band that you want.

you are receving

 you press the key.

8	Setting Key

Press the key to enter the audio setting.

12	SCAN Key

Press the key,the radio starts to scan the channel.

13	Source Select Key

Press the key to enter the Multimedia Select Interface.

SXM
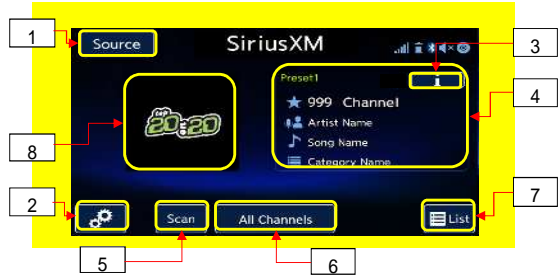
1	Source Select Key
2	Setting Key
3	Information Key
4	Receiving Station Display Area
5	Scan Key
6	Seek Mode Key
7	List Key
8	Channel Logo Display Area

1	Source Select Key

Press the key to enter the Multimedia Select Interface.

2	Setting Key

Press the key to enter the audio setting.

3	Information Key

Press the key,you can get more information.

4	Receiving Station Display Area

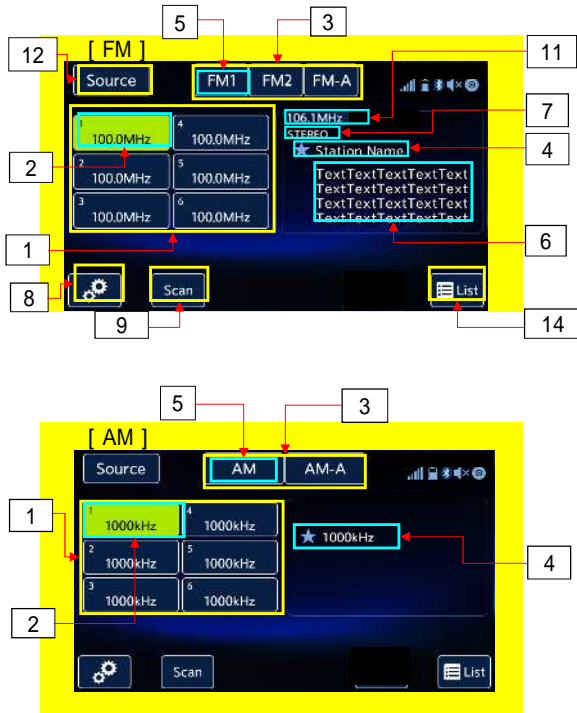In the area,you can the current status about the radio receiving.

5	Scan Key

Press the key,the radio starts to scan the channel.

6	Seek Mode Key

Press the key,you can get others' Channels.

7	List Key

Press the key to enter the list.

8	Channel Logo Display Area

The channel logo display in the area.

RBDS_HD-Radio

1	Preset Channel List
2	Preset Channel Key
3	Band Display Area
4	PS Name or Frequency Display Area
5	Band Key
6	Radio Text Display Area
7	STEREO Display Area
8	Setting Key
9	SCAN Key
10	Tag Key
11	Frequency Display Area
12	Source select Key
13	Bookmark Key
14	List Key
15	HD Indicator
16	Live Indicator
17	Receiving MultiCast Display Area
18	MultiCast Select Key
19	Short Name Display Area
20	Artist Experience Display Area
21	Song Name Display Area
22	Artist Name DisplayArea
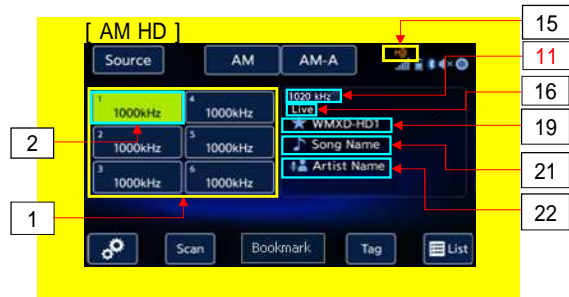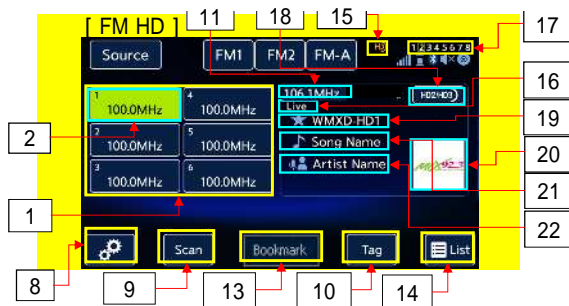
| 1 Preset Channel List	2 Preset Channel Key	4 Band Display Area
You can preset the channel in the Preset Channel List.	You can select the channel when you press the key.	In the area,you can select the band that you want.
4 PS Name or Frequency Display Area	5 Band Key	6 Radio Text Display Area
In the area,you can see the that CurrentFrequency that you are receving.	You can select the band when you press the key.	In the area,you can see the radio text information.
7 STEREO Display Area	8 Setting Key	9 SCAN Key
The area is used to judge whether the stereo or not.	Press the key to enter the audio setting.	Press the key,the radio starts to scan the channel.
10 Tag Key	11 Frequency Display Area	12 Source Select Key
Press the key to enter the Tag.	The CurrentFrequency that you are receving	Press the key to enter the Multimedia Select Interface.
13 Bookmark Key	14 List Key	15 HD Indicator
Press the key to enter the bookmark	Press the key to enter the list.	The indicator show that is HD radio.
16 Live Indicator	17 Receiving MultiCast Display Area	18 MultiCast Select Key
The indicator show the current status is "LIVE".	In the area,you can the current status about the radio receiving.	Press the key to select MultiCast.
19 Short Name Display Area	20 Artist Experience Display Area	21 Song Name Display Area
In the area,you can see the short name about current radio.	In the area,you can see the experience information ahout the artist.	The area shows the song name.
22 Artist Name DisplayArea		
The area shows the artist name.		

CD

1 CD Key
Press the key to enter CD mode.

1 Source Select Key
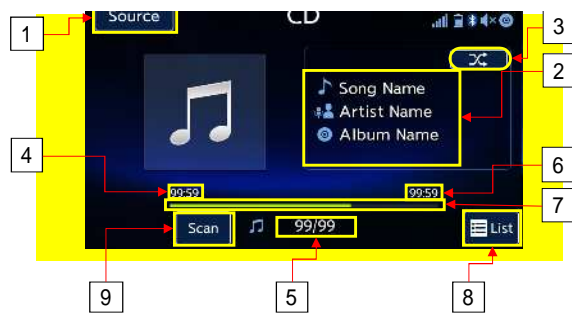
2	Audio Information Display
3	Trick Play Key
4	Playing Time Display
5	Track Number
6	Time Of Track
7	Progress Bar
8	List Key
9	SCAN Key

1 Source Select Key
Press the key to enter the Multimedia Select Interface.

2 Audio Information Display
In the area,audio information is showed.

3 Trick Play Key
Press the key to select the trick.

4 Playing Time Display
It shows the currentplay time.

5 Track Number
It shows the playing song's order and the total songs' number.

6 Time Of Track
It shows the track's play time.
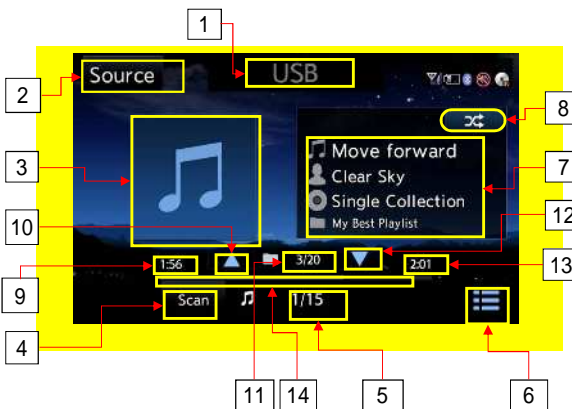
7 Progress Bar
It shows the progress of track.

8 List Key
Press the key to enter the list.

9 SCAN Key
Press the key,Scan mode lets you listen to the first 10seconds of each track/file.To cancel it, press the button again.

USB

1 USB/iPod Key
Press the key to enter USB mode.

1	USB（Source Name）
2	Source Select Key
3	Quasi Album artwork
4	Scan Key
5	Track Number
6	List Key
7	Audio Information Display
8	Trick play Key
9	CurrentPlayTime Display Area
10	Folder up Key
11	Folder Number
12	Folder down Key
13	Time Of Track
14	Progress bar

1 USB（Source Name）
It shows the current mode.

2 Source Select Key
Press the key to enter the Multimedia Select Interface.

3 Quasi Album artwork
It is the quasi album art work.

4 SCAN Key
Press the key,Scan mode lets you listen to the first 10seconds of each track/file.To cancel it, press the key again.

5 Track Number
It shows the playing song's order and the total songs' number.

6 List Key
Press the key to enter the list.

7 Audio Information Display
In the area,audio information is showed.

8 Trick Play Key
Press the key to select the trick.

9 CurrentPlayTime Display Ar
It shows the currentplay time.

10 Folder up Key
Press the key to select the previous.

11 Folder Number
It shows the total folder number.

12 Folder down Key
Press the key to next folder.

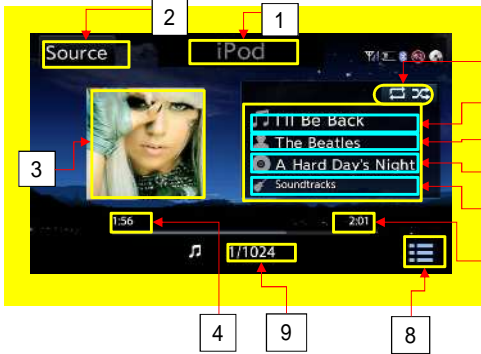**13 Time Of Track**

14 Progress Bar

It shows the track's play time.   It shows the progress of track.

Ipod

1	USB/iPod Key

Press the key to enter Ipod mode.

#	
1	Source Name
2	Source Key
3	Album artwork
4	CurrentPlayTime Display Area
5	TotalPlayTime Display Area
6	Audio Information Area
7	Trick play key
8	List key
9	TrackNumber Display Area
10	Title Display Area
11	ArtistName Display Area
12	Album Display Area
13	GenreName Display Area

1 Source Name
It shows the current mode.

2 Source Select Key
Press the key to enter the Multimedia Select Interface.

3 Album artwork
It is the quasi album art work.

4 CurrentPlayTime Display Area
It shows the currentplay time.

5 TotalPlayTime Display Area
It shows the track's play time.

6 Audio Information Display
In the area,audio information is showed.

7 Trick Play Key
Press the key to select the trick.

8 List Key
Press the key to enter the list.

9 TrackNumber Display Area
It shows the total folder number.

10 Title Display Area
It shows the song's title.

11 ArtistName Display Area
The area shows the artist name.

12 Album Display Area
It shows the album about the son

13 GenreName Display Area
It shows the GenreName about the song.

BT

1	BT Audio Key

Press the key to enter BT mode.

#	
1	Song Name Display
2	Artist Name Display
3	Album Name Display
4	CurrentPlayTime Display Area

5	Track's Order Number
6	Trick play key
7	Play/Pause key
8	List key
9	Bluetooth Setting Key

1	Song Name Display	2	Artist Name Display	3	Album Name Display
	It shows the song's name.		It shows the artist's name.		It shows the album's name.

4	CurrentPlayTime Display Area	5	Track Number	6	Trick play key
	It shows the currentplay time.		It shows the playing song's order.		Press the key to select the trick.

7	Play/Pause key	8	List Key	9	Bluetooth Setting Key
	Press the key first to play,then press again to pause it.		Press the key to enter the list.		Press the key to enter bluetooth setting.

Aha

1	Aha Radio Key
	Press the key to enter aha mode.
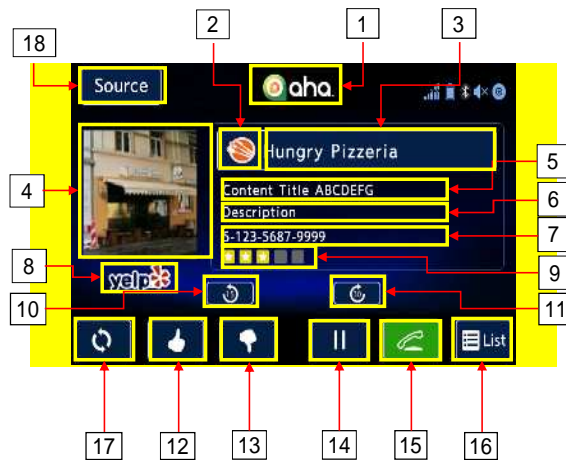
1	Aha Logo
2	Station Icon
3	Station Name/Station List Key
4	Content Image
5	Content Description Line 1
6	Content Description Line 2
7	Content Description Line 3
8	Content Partner Logo
9	Content Ratings Image
10	Skip Back Key
11	Skip Forward Key
12	Like Key
13	Dislike Key
14	Play/Pause Key
15	Call Key
16	Content List Key
17	Refresh Key
18	Source Select Key

1	Aha Logo	2	Station Icon	3	Station Name/Station List Key
	It shows the Aha Logo.		It shows the Station Icon.		It shows the Station Name.

4	Content Image	5	Content Description Line 1	6	Content Description Line 2
	It shows Content Image.		It shows the content title.		It shows the content description.

7	Content Description Line 3	8	Content Partner Logo	9	Content Ratings Image
	It shows the content information.		Press the key to enter the list.		It shows Content Ratings Image.

10	Skip Back Key	11	Skip Forward Key	12	Like Key
	Press the key to skip back.		Press the key to skip forward.		Press the key to show you like it.

13	Dislike Key	14	Play/Pause key	15	Call Key
	Press the key to show you dislike it.		Press the key first to play,then press again to pause it.		Press the key to call telephone.

16	Content List Key		17	Refresh Key		18	Source Select Key

Press the key to enter the content list. Press the key to refresh. Press the key to enter the Multimedia Select Interface.

AUX

1	AUX Key

Press the key to enter AUX mode.

1	SOURCE Key
2	Setting Key

1	SOURCE Key		2	Setting Key

Press the key to enter the Multimedia Select Interface.

Press the key to enter the audio setting.

Pandora

1	Source List
2	Pandora Key

1	Source Key

It shows the Multimedia Select Interface.

2	Pandora Key

Press the key to enter Pandora mode.
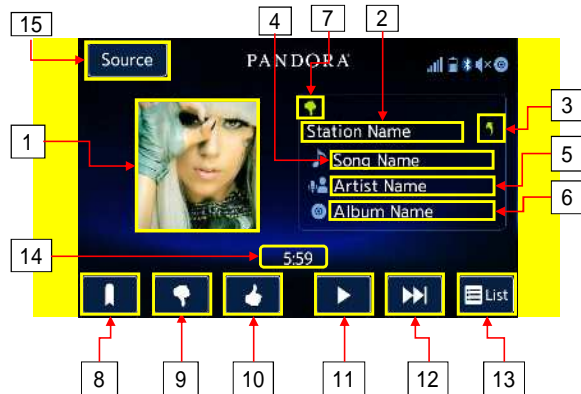
1	Album Artwork
2	Station Name
3	Shared Station Icon
4	Track Name
5	Artist Name
6	Album Name
7	Thumbs Up/Down Icon
8	Bookmark Key
9	Thumbs Down Key
10	Thumbs Up Key
11	Play/Pause Key
12	Skip Key
13	List Key
14	PlayTime
15	Source Select Key