
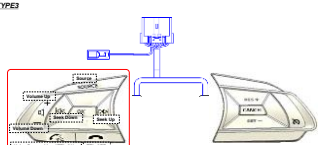
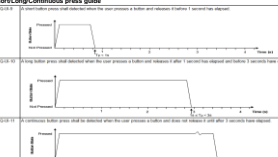


<p>Facisla button layout</p> 	<p>SWIRC button layout</p> <p><i>TYPE2</i></p> 	<p>Short/Long/Continuous press guide</p> 
---	---	---

[A. Mode change rule]

A1. Radio mode cycle by pressing RADIO button: FM1 → FMC → AM / Wrap around
 A2. Media mode cycle by pressing MEDIA button: USB/PoC → BT → ALX / Wrap around (if connected)
 A3. Radio source cycle by pressing SOURCE button: FM1 → FM2 → AM → USB/PoC → BT → ALX / Wrap around (if connected)
 A4. If pressing MEDIA button in radio mode, go to the last media mode. If the last media mode is not available, go to the next media mode on media mode cycle.
 (ex. The last media mode is USB, but USB device is removed in FM1 mode. If pressing MEDIA button in FM1 mode, go to BT audio mode. If BT audio is not available also, go to ALX mode.)
 A5. If pressing RADIO button in media mode, go to the last radio mode.
 A6. If pressing RADIO button in radio mode, go to the last radio mode.
 A7. If pressing RADIO button in media mode, go to the last radio mode.
 A8. If USB or PoC device is removed while playing it, go to the previous audio source. If the previous audio source is not available, go to the audio source before the previous audio source.
 A9. At the end of call, go to the last audio source. (ex. If the call ended in FM1 mode is ended, go to FM1 mode.)
 A10. If a PoC device is connected via both of PoC and BT, BT is disabled.
 A11. If two PoC devices with the same name are connected via PoC and BT, BT is disabled.

[B. Comment for power state transition]

B1. If any event causing the mode change occurs in OFF state, go to ON state. (ex. Pressing RADIO/MEDIA button, incoming call and USB/PoC insertion)
 B2. If POWER button is pressed in receiving call or active call, ignore it.

[C. Comment for media playing control]

C1. If trying TRACK, in 3 sec after starting playback, go to the beginning of the current playing file. Otherwise, play the previous file.
 C2. If reaching the end of file during FF, start playing the next file and keep FF on it.
 C3. If reaching the beginning of file during FR, start playing the previous file from the end and keep FR on it.

[D. Comment for radio seek and FM list update feature]

D1. SEEK+: Increase or decrease the frequency until a station is found.
 D2. Continuous SEEK+: Keep increasing or decreasing the frequency.
 D3. Stop SEEK: Stop at the current frequency.
 D4. Cancel updating: Cancel updating and take to the frequency turned before starting update. The existing FM list is not overwritten by partial FM list found during cancelled update.
 D5. Next preset: If the current frequency is corresponding to one of preset stations, go to the next preset. Otherwise, go to the first preset station.
 D6. If starting FM list update in AM mode, switch to FM1 mode automatically.

[E. Comment for BT call]

E1. If there is no last call when try to redial the last call, "Call failed" message is displayed.
 E2. If ACCIGN is turned off (using active call/handfree), direct call to mobile/handset.
 E3. Changing volume in handset mode doesn't affect the volume of mobile. It will affect the call volume in handset mode later.
 E4. If going to ON state by incoming call in OFF state, go to the last audio source at the end of call. (No return to OFF state)

[F. Comment for multi-button press]

F1. If pressing two or more facisla buttons simultaneously, nothing happens.
 Exception (POWER + one button combination)
 F2. If POWER button and other button are short pressed simultaneously, both buttons are working.
 - Channel A: SOURCE, SEEK+, SEEK-, TEL
 - Channel B: VOL+, VOL-, TEL, END
 F3. If pressing two or more SWIRC buttons on the same ADC channel simultaneously, one of them works. However, it should not cause any unexpected behavior.

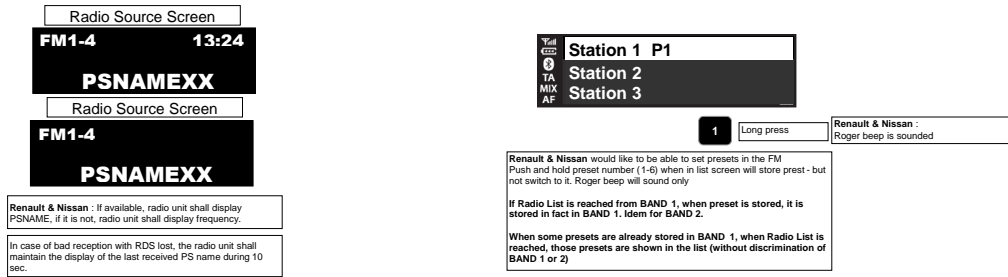
Screen Priority	Highest priority	Audio output	Notification, warning, error	Normally, 3 sec timeout. Masked by pressing any button. (Pressing OK/BACK button just closes popup. Pressing other buttons not only closes it but also works as their original function.)
		Call level navigation	Call setup	Can't select to update through any mode (ringer and playback).
		Call level navigation	SET/PTSEL menu, FM list, music browser	Changes in the same level can't be interrupted. When changing one screen, exit the other.
	Lowest priority	Media playback	Normal operation screen without displaying menu	Normally, 3 sec timeout. Masked by pressing any button. (Pressing OK/BACK button just closes volume control bar. Pressing other buttons not only closes it but also works as their original function.)

Honeywell Automotive Co. Ltd Declares that this CMP #33006 MC is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.

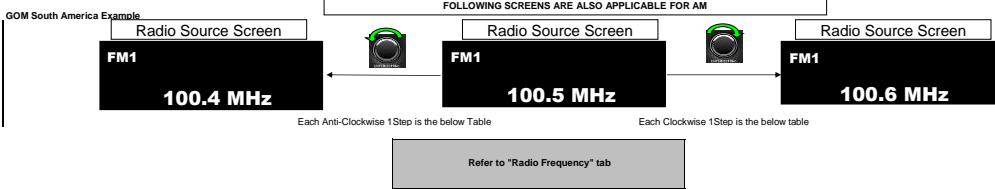
FCC Information to User
 The equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules.
 These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
 Caution: This device is not authorized for operation unless it meets the compliance conditions of the user's authority to operate the equipment.
 NOTE: This device is not responsible for any interference that is not caused by this equipment. APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
 (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.
 AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

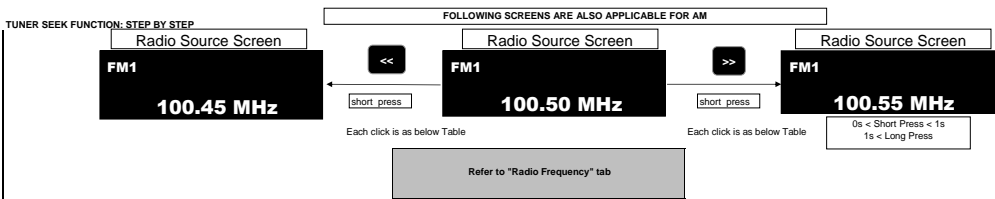
Radio



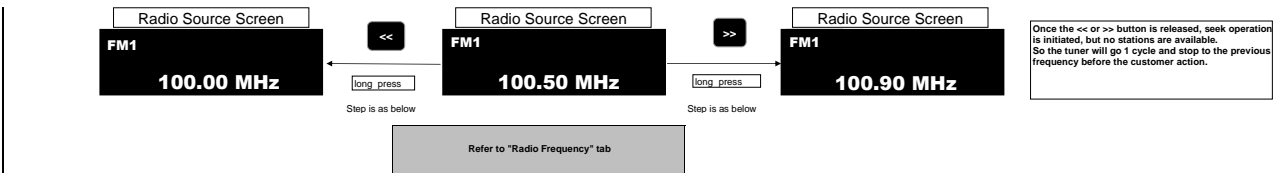
Manual Tune: STEP BY STEP



TUNER SEEK FUNCTION: STEP BY STEP

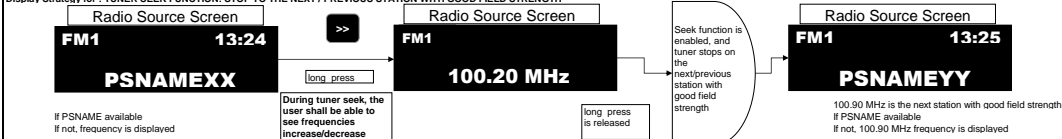


TUNER SEEK FUNCTION: STOP TO THE NEXT / PREVIOUS STATION WITH GOOD FIELD STRENGTH



Behaviour is the following :
 Once the Press is a Long Press -> Continuous frequency scrolling until Button is released
 Once the Button is released, then it is seek +/- function

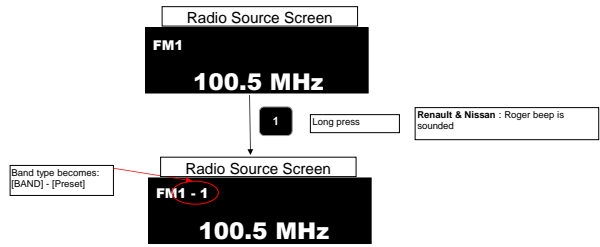
Display Strategy for : TUNER SEEK FUNCTION: STOP TO THE NEXT / PREVIOUS STATION WITH GOOD FIELD STRENGTH



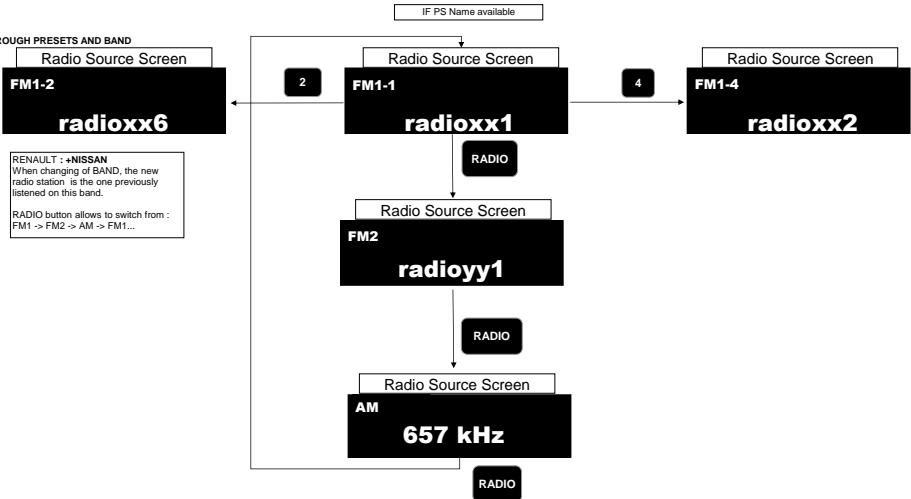
Renault & Nissan : Regarding AM, alongside Presets features, frequency management will be as following :

- TUNER SEEK FUNCTION: STEP BY STEP
- TUNER SEEK FUNCTION: STOP TO THE NEXT / PREVIOUS STATION WITH GOOD FIELD STRENGTH

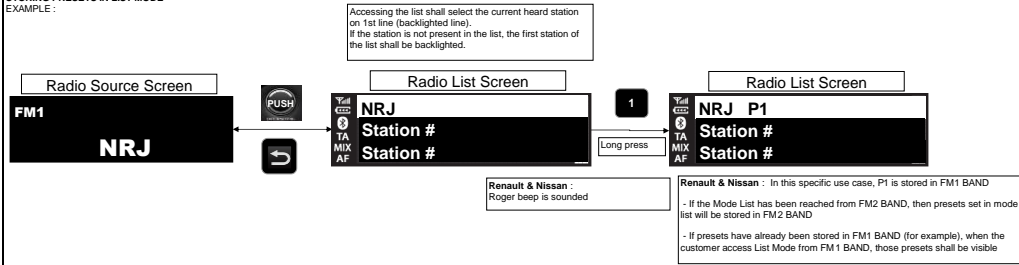
STORING A PRESET



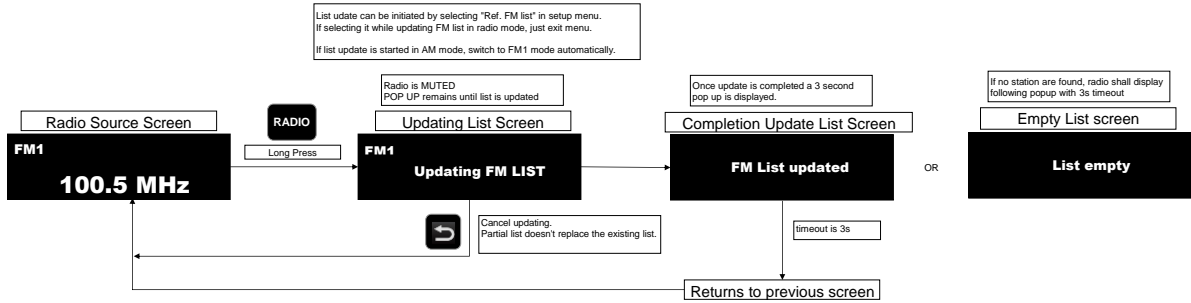
MOVING THROUGH PRESETS AND BAND



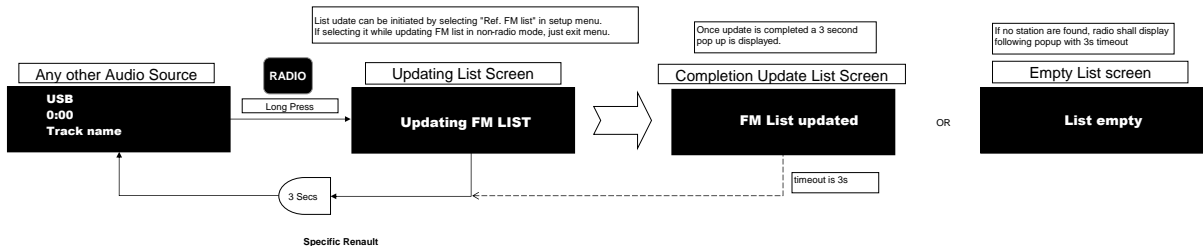
STORING PRESETS IN LIST MODE EXAMPLE :



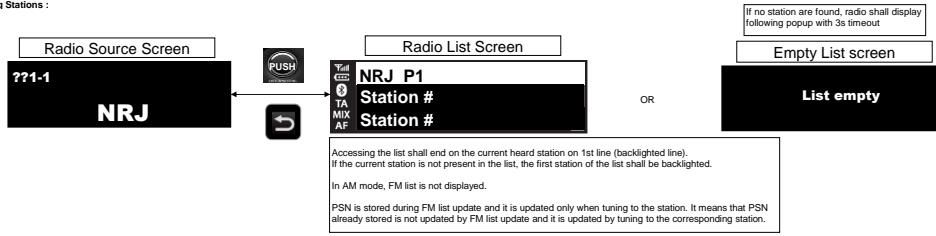
INITIATING LIST UPDATE - COMMON PROPOSAL in radio :



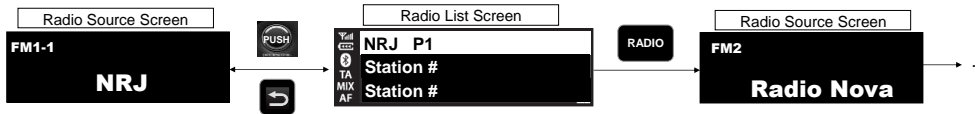
In other source :



Browsing Stations :

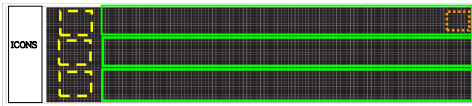


Moving from List to Bands



USB Source

Name	Content	Example
List Items	USB list items	"Andrew Music"
Dispatch	Selected item icon	See below
Dispatch	Now Playing icon (1 character)	icon



Folder/Album	Folder icon
File/Track	Note icon
Playlists	List icon

Invalid Playlist Screen

No audio file in playlist

Database Screen

Database under construction

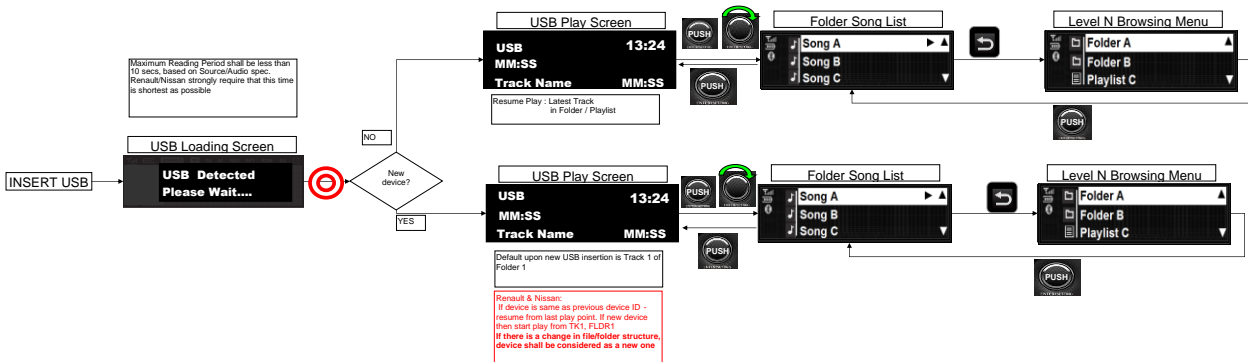
This screen doesn't have timeout, but user can exit it by pressing BACK button.

USB Playlists (M3U, WPL) appear alongside folders in the list structure.
 Once a USB playlist is selected the tracks in the playlist will loop continuously until the user selects another playlist or folder.
 - If playlist has some files missing or invalid, radio shall skip those and go to the next available file.
 - If playlist has no valid files, radio shall still display Playlist Name, but once user select it, then display the following popup screen (applicable for all media). Then go back to previous screen (the one, just before playlist has been selected by user).
 Until user action, there shall be no audio feedback.

Database is constructed whenever inserting USB memory. (It is not stored into the audio.)
 While constructing database, the above database screen is displayed if trying to enter music browser or pressing MX button.

On insertion

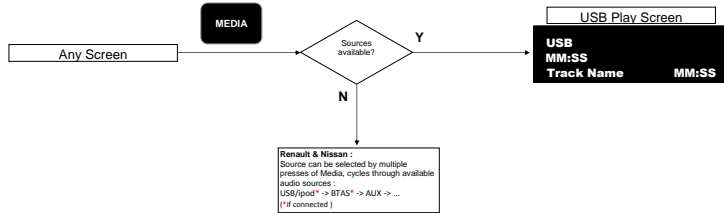
For PLAYBACK screen, "track names" shall be the "file names".
 Just for Playback screen...



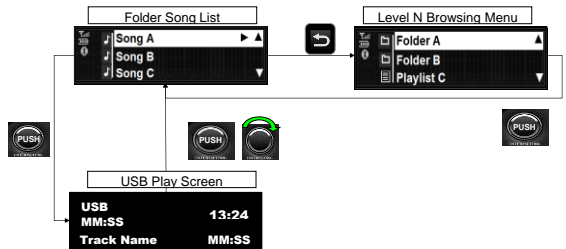
Selecting Source when listening to another source

This loop becomes populated by the available sources:
 USB*,
 BT*,
 AUX
 (*if connected)
 Source can be selected by:
 - multiple presses of Media button cycles through sources, audio play back switches at the same time.

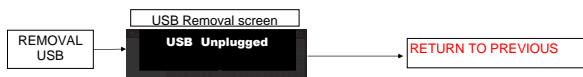
1. USB device inserted during power off: trigger USB insertion screen at power up, if the last source before power off is USB. Otherwise, go to the last source without showing USB insertion screen.
2. USB was playing and then removed during power off: the previous source (before USB) will be selected.
3. Previously active USB device removed and new one inserted during power off: Go to USB at power up.
4. USB was playing then turned inactive (radio is playing): after power OFF/ON.



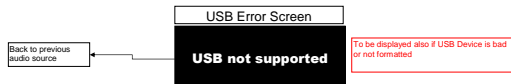
During Play



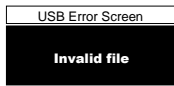
Removing device



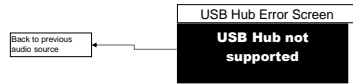
If USB device is not supported (communication failure)



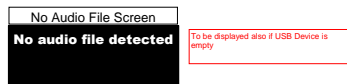
If the song selected from browser is not valid audio file, then show "Invalid file" for 3 seconds. And then play previous audio file with focusing last selected file in browser. If not requested from browser, next audio file should be played without this message.



If USB with several USB devices is connected



If USB device does not contain audio files



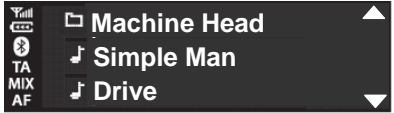
USB Browsing

Audio playback screen

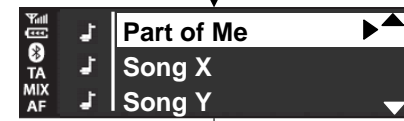
If there are song files, folders and playlists at the same level, the display order is the following :

- Folders
- Songs
- Playlists

Mixture of Folders alongside tracks is required

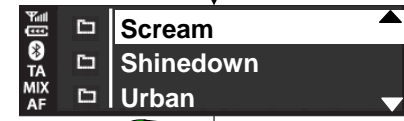
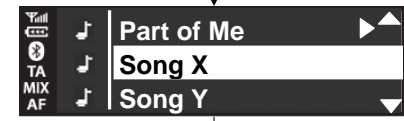


Scrolling bar TBC
searching screen should be displayed as: (all line inverted)

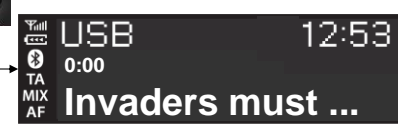
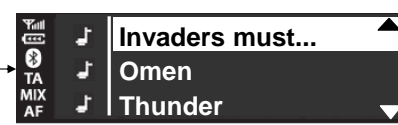
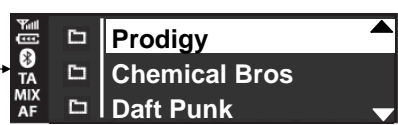
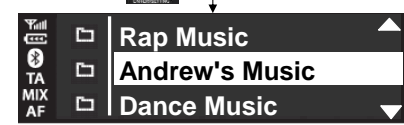
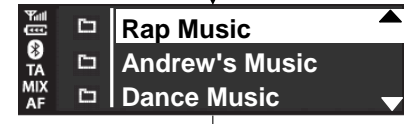
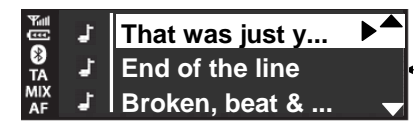
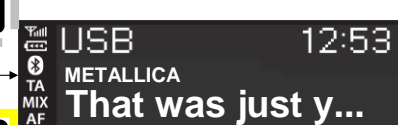
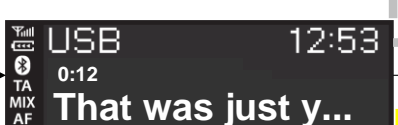
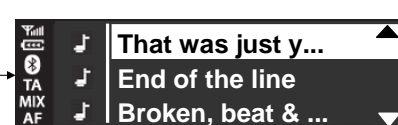
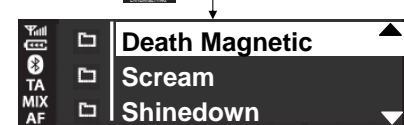


Part of Me is Track 1 on album so appears on Line 1.
Even If the played/selected song / folder is not track #1 / folder #1, that song / folder always appears on line1 with highlight when the browsing is displayed.

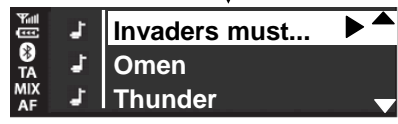
If nothing is done by the customer when radio is displaying this screen, backlight selection will remain the same with highlight even if playing song reaches the end and switch to the next one.
Now Playing Icon should be moved automatically if playing song reaches the end and switch to the next one.
But by moving now playing icon, backlight selection should not be changed.



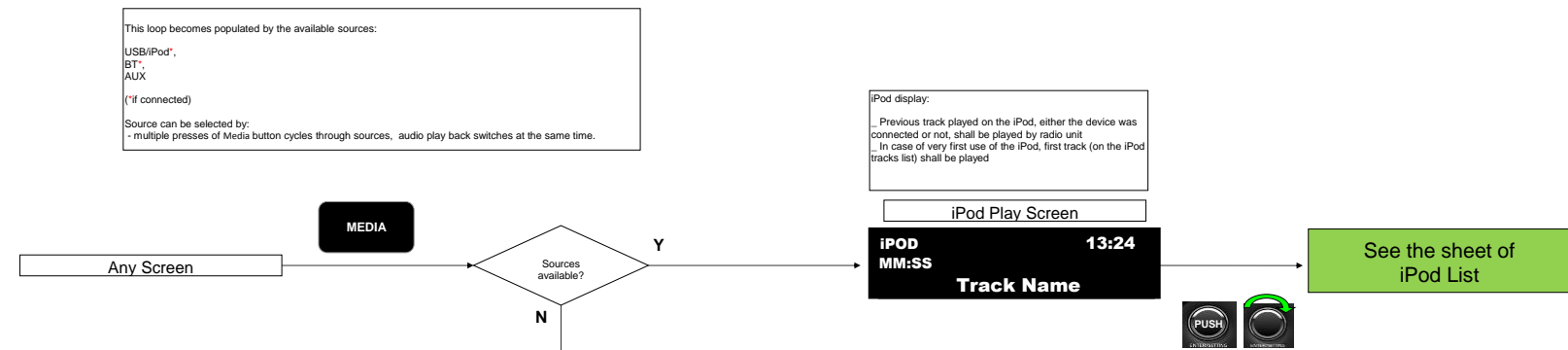
Highlighted folder should be the folder you were previously browsing in



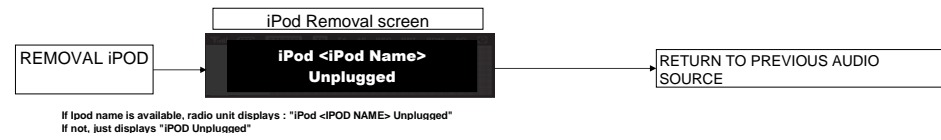
Elapsed time shall be compliant with following strategy :
MM:SS --> HH:MM:SS after 1 hour



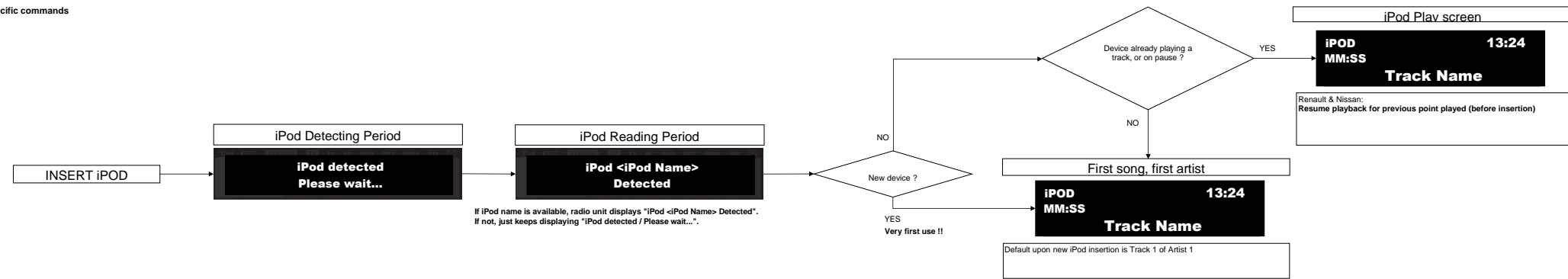
iPod Source



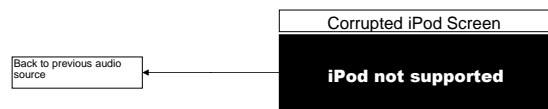
Removing iPod



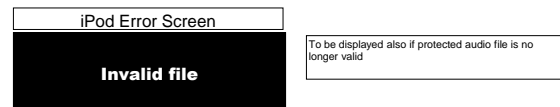
iPod specific commands



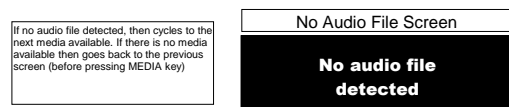
If IPOD device is not supported (communication failure)



If IPOD device contains no longer valid audio files



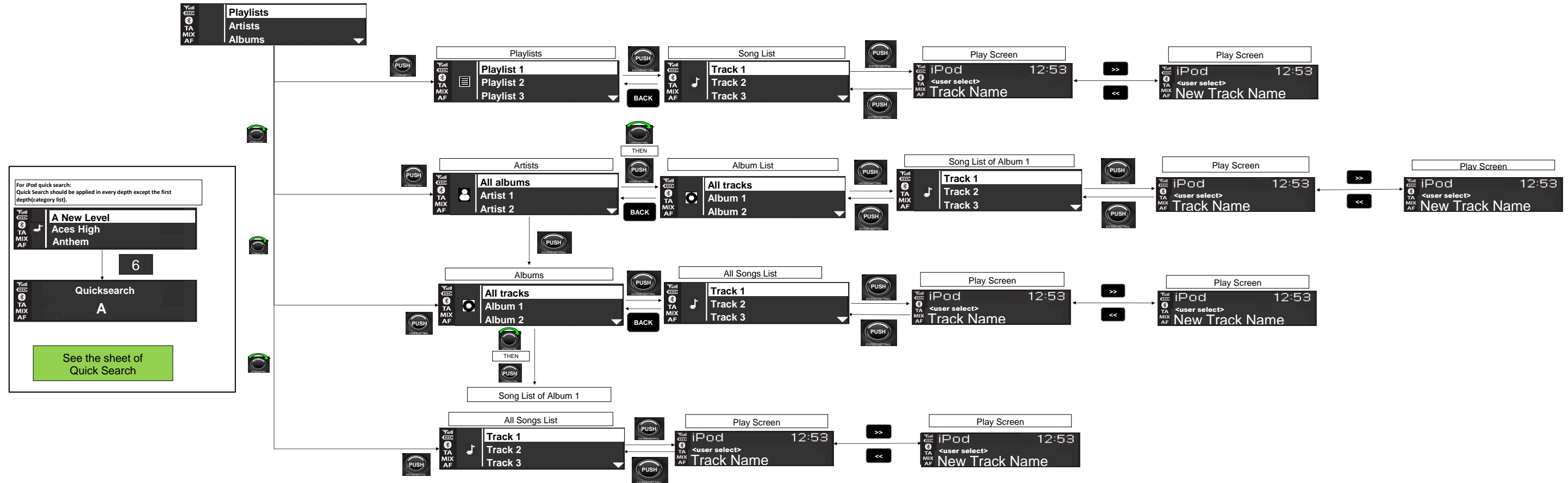
If IPOD device does not contain audio files



iPod List

iPod display:
 List must be in order:
 Playlists
 Artists
 Albums
 Tracks
 More... --> Audiobooks
 Composers
 Genres
 Podcasts

Depth 1	Depth 2	Depth 3	Depth 4	Depth 5	Depth 6
Playlists	List of playlists	List of tracks	List of tracks		
Artists	All albums	All tracks	List of tracks		
	List of albums	List of albums	List of tracks		
Albums	All artists	List of albums	List of tracks		
	List of artists	List of albums	List of tracks		
More...	List of albums	List of tracks			
	List of tracks	List of tracks			
	Audiobooks	List of audiobooks			
	Composers	All albums	All tracks	List of tracks	
More...	List of composers	List of albums	List of tracks		
	Genres	All albums	All tracks	List of tracks	
	List of genres	List of artists	List of albums	List of tracks	
	Podcasts	List of podcasts	List of artists	List of albums	List of tracks



For iPod quick search:
 Quick Search should be applied in every depth except the first depth(category list).

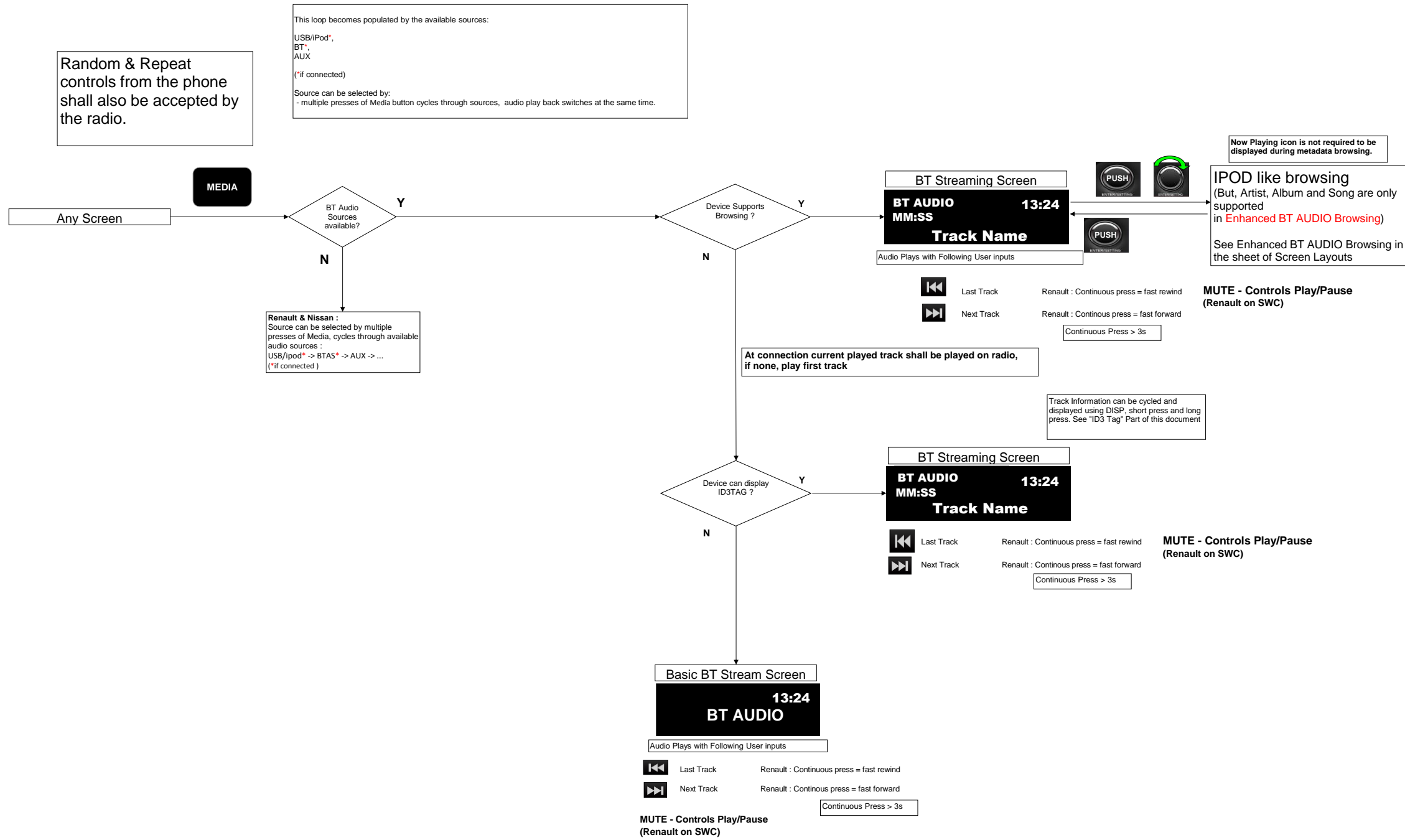
A New Level
 Aces High
 Anthem

6

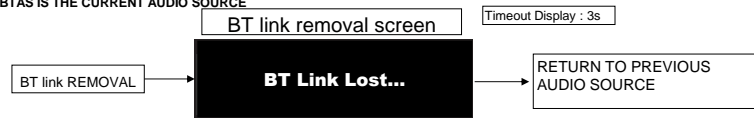
Quicksearch
 A

See the sheet of Quick Search

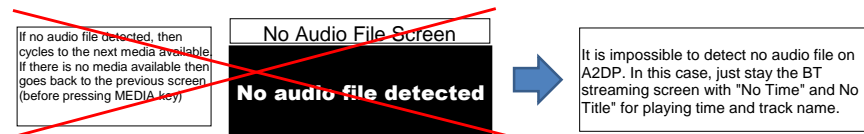
Bluetooth audio streaming (A2DP) Source



Bluetooth link Removal ONLY WHEN BTAS IS THE CURRENT AUDIO SOURCE



If BT device does not contain audio files

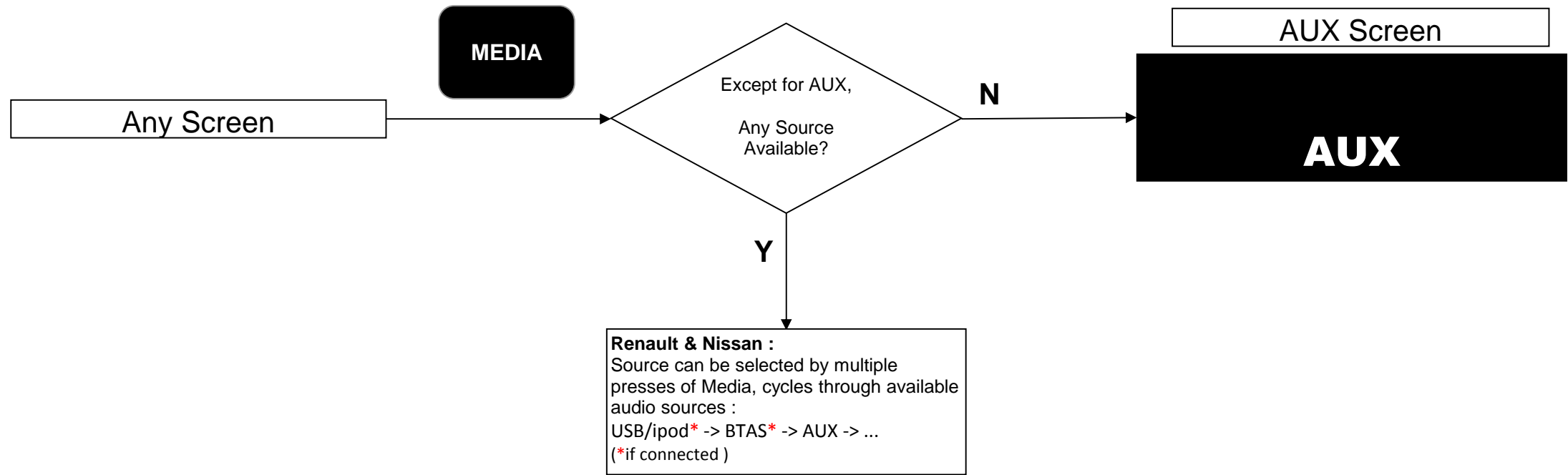


AUX Source

This loop becomes populated by the available sources:
USB/iPod*,
BT*,
AUX

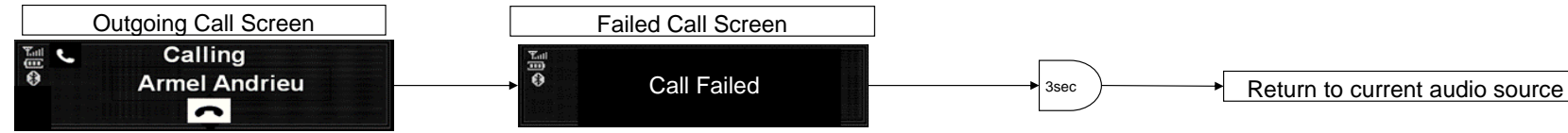
(*if connected / AUX is always available even if not connected.)

Source can be selected by:
- multiple presses of Media button cycles through sources, audio play back switches at the same time.



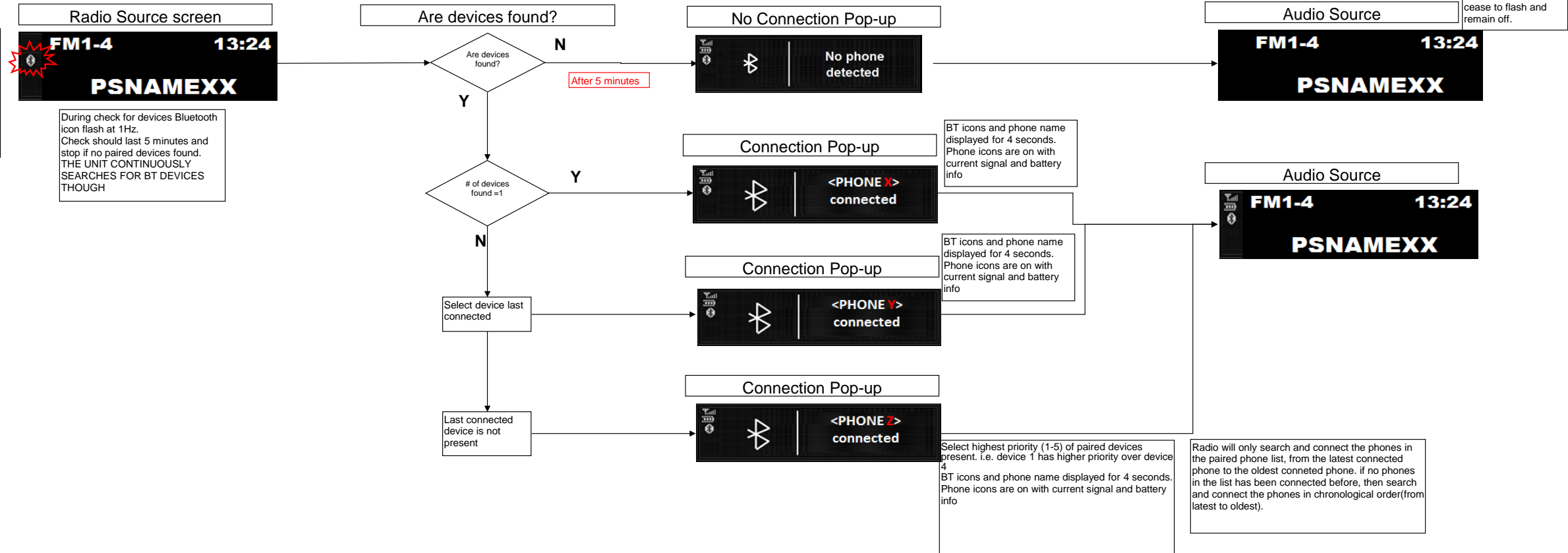
Telephone Operations

Failed Call

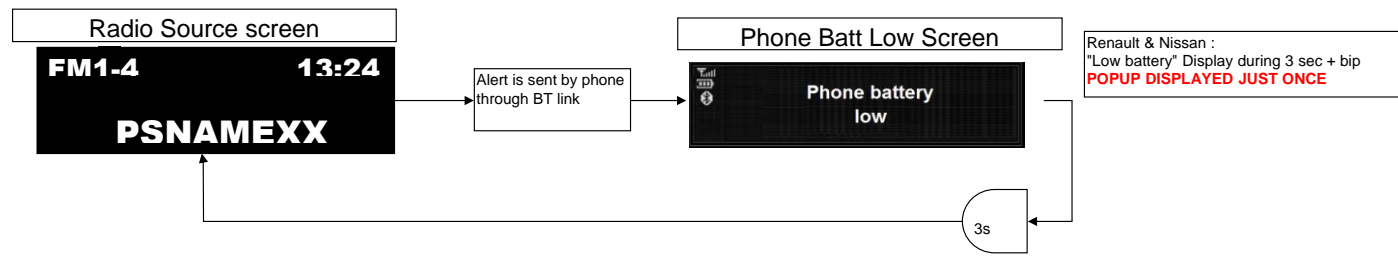


Connection at Power ON

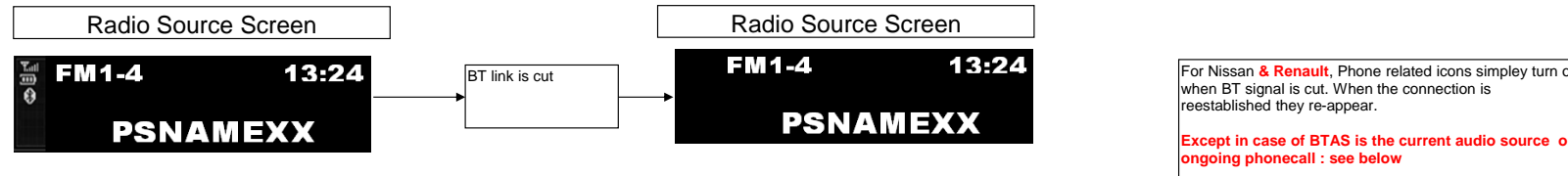
Customer enters vehicle and turns Audio power on. Audio unit searches for previously paired devices in range, if Bluetooth is ON (menu Settings)



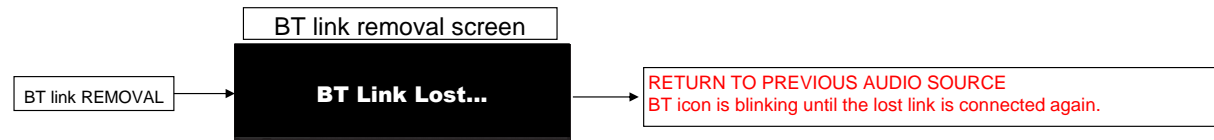
Low Battery Warning



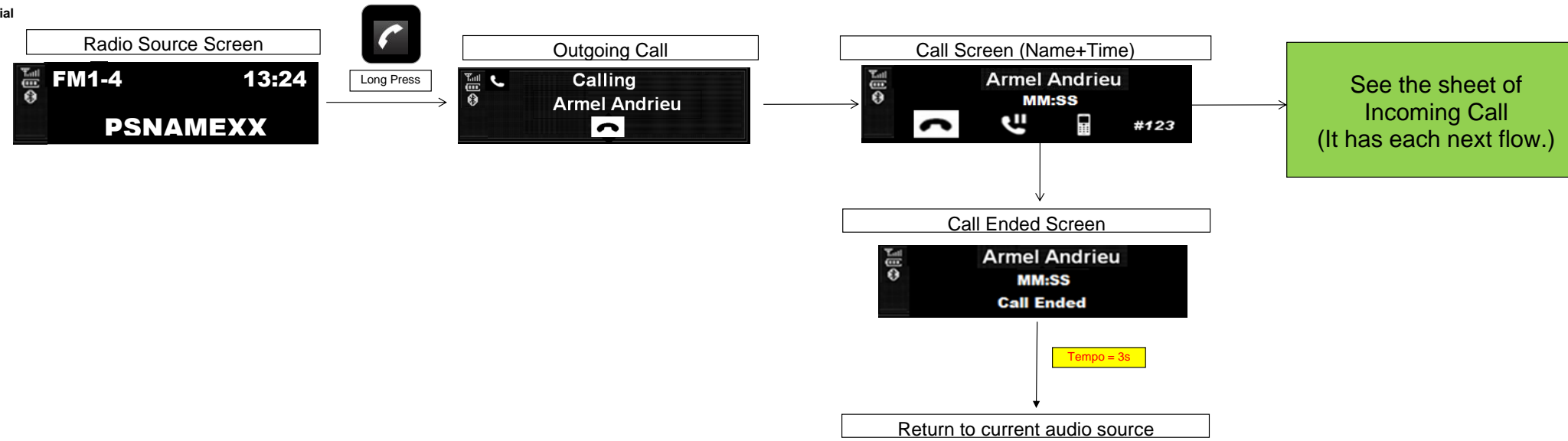
Disconnection



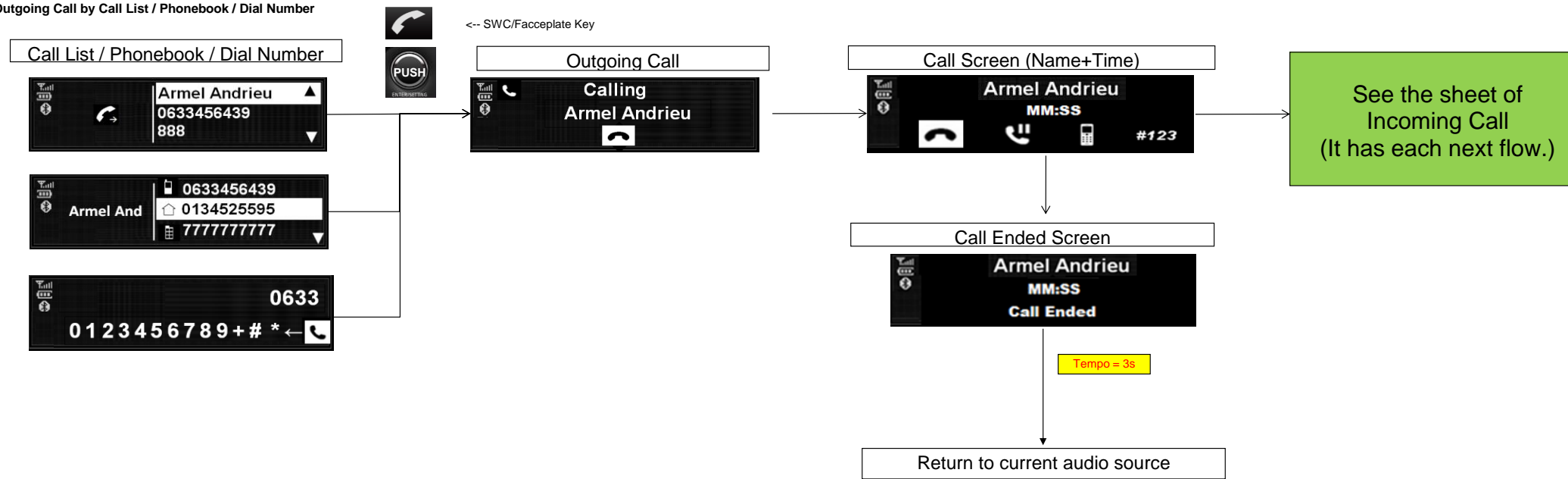
In case of Ongoing Call or BTAS as main audio source



Redial



Outgoing Call by Call List / Phonebook / Dial Number



In communication :

=> **Short press** : Hang up, whatever the state



During incoming call :

=> **Short press** : Pick-up the call

=> **Long press** : Reject the call



In call list or phonebook :

=> **SP** Select the call number or name, and launch the call



Any other state :

=> Enter in the telephony menu

=> When a phone is connected, LP shall redial the last phone number previously called



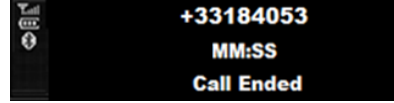
Name or Number Display Strategy

Priority 1 > Name
Priority 2 > Number

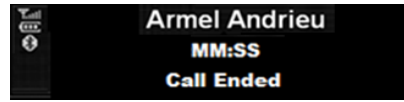
If contact's name is on the phonebook or contact list, CMF-B should display the contact's name firstly.
If not, CMF-B should display the number, alternally.

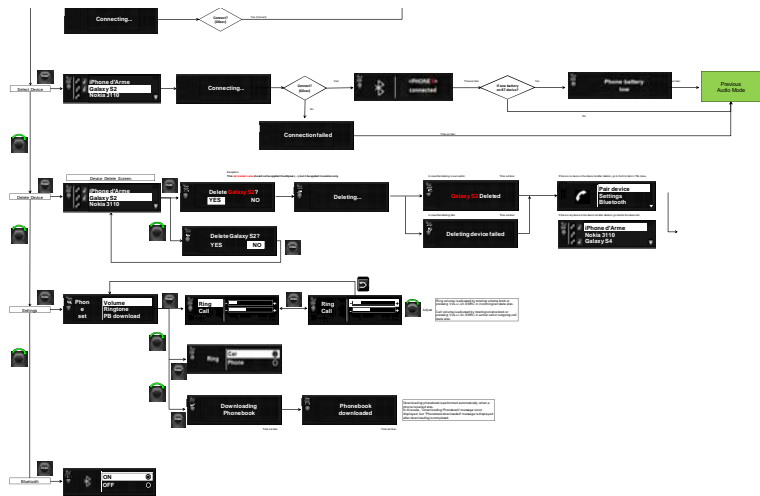
example

In case of Name

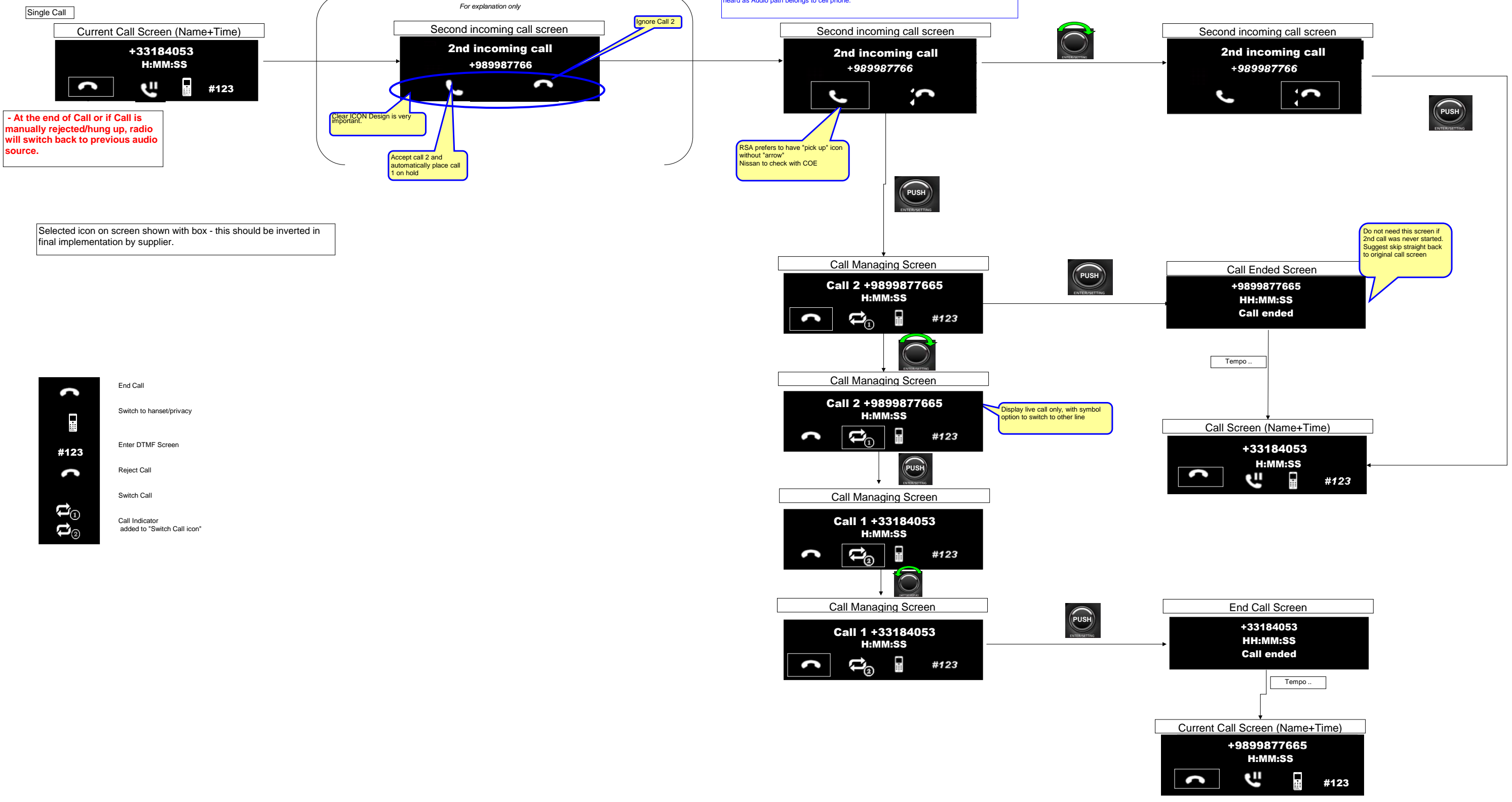


In case of Number





Second call incoming



- At the end of Call or if Call is manually rejected/hung up, radio will switch back to previous audio source.

Selected icon on screen shown with box - this should be inverted in final implementation by supplier.

Clear ICON Design is very important.

Accept call 2 and automatically place call 1 on hold

Ignore Call 2

No audible noise made by audio unit - If phone makes some announcement/beep then this can be heard as Audio path belongs to cell phone.

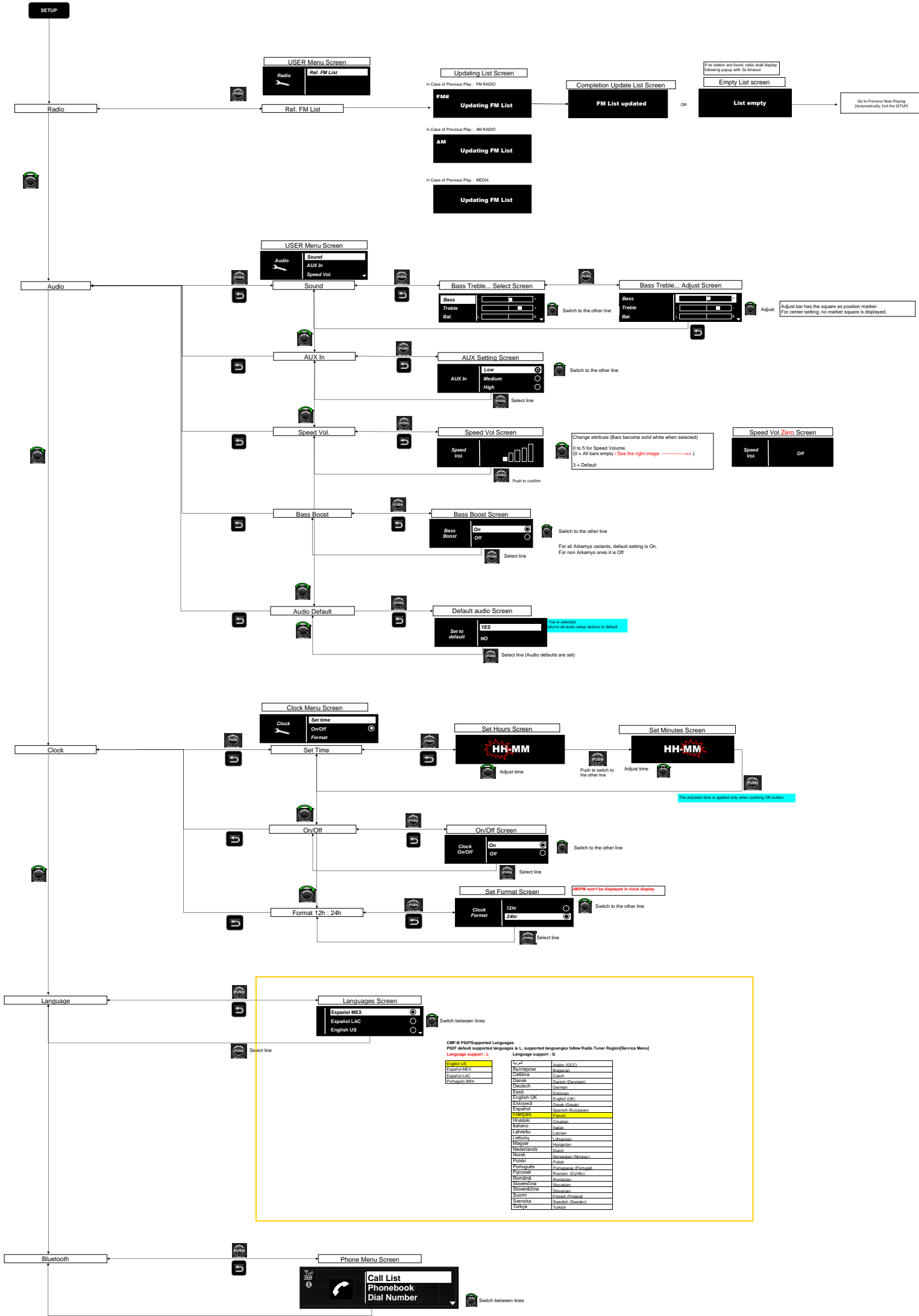
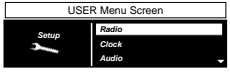
RSA prefers to have "pick up" icon without "arrow" Nissan to check with COE

Display live call only, with symbol option to switch to other line

Do not need this screen if 2nd call was never started. Suggest skip straight back to original call screen

SETUP MENU

Depth1	Depth2	Depth3	GUI Element	Option Values	Default Value
Audio	Sound	Bal	Control B	-5 ~ +5	0
		Tre			
		Bas			
	AUX In	Select list	Low / Medium / High	Medium	
	Speed Volume	Select list	OFF / 1	1	
	Bass Boost	Select list	On / Off	On	
Clock	Audio Default	Action list	YES / NO	YES	
	Set Time	Edit item	00:00 ~ 23:59	12:00	
	On/Off	Select list	On / Off	On	
Radio	Format	Select list	12hr / 24hr	24hr	
	Ref FM List	Action item			
Language	Select list	Español MEX	English US		
		Español LAC			
		English US			
		Português BRA			

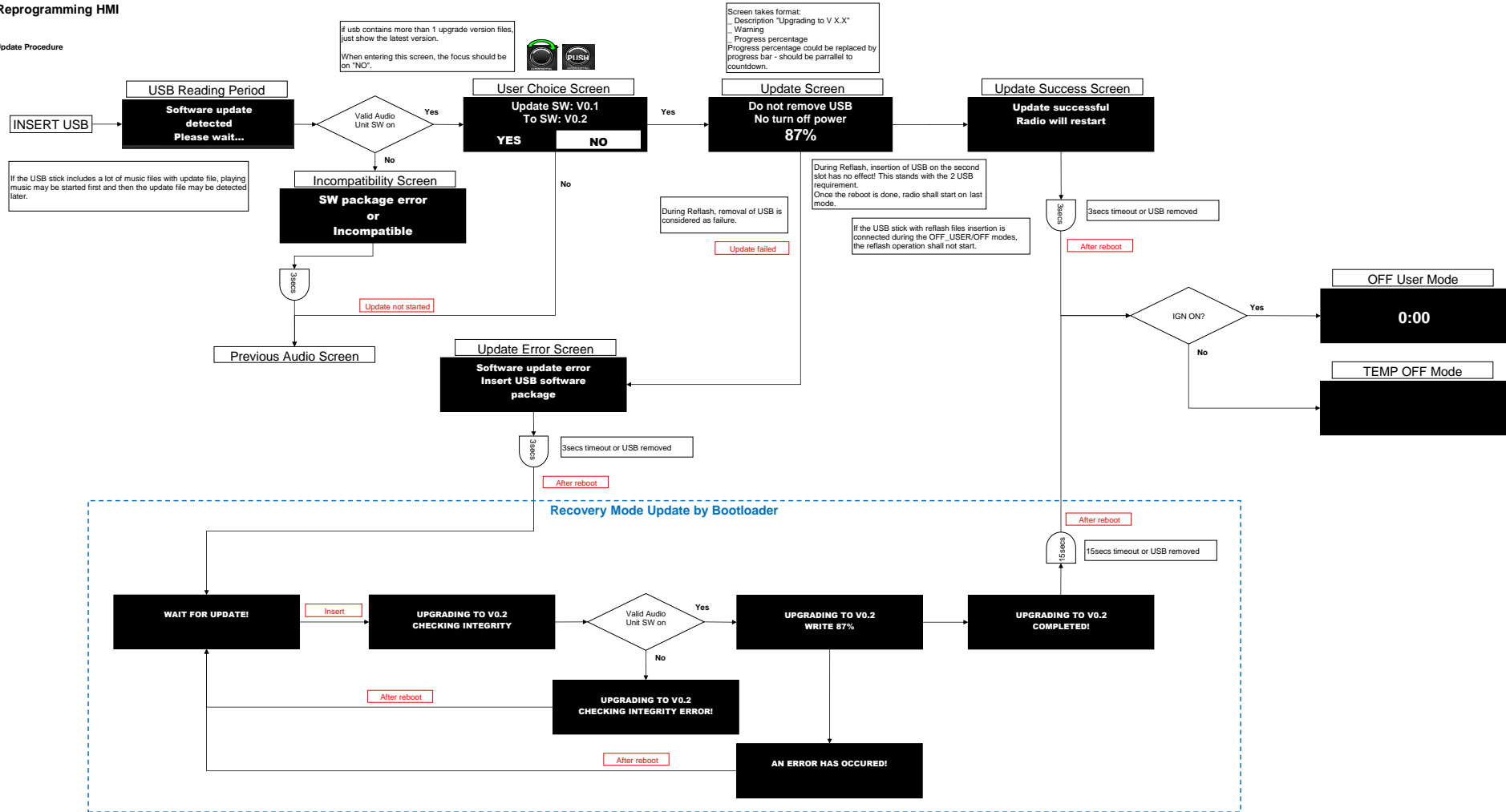


CMF & PDP Supported Languages
 PRF default supported languages & L supported languages follow Radio Tuner Region(Service Menu)
 Language support : L

Language support : L	Language support : G
English US	Arabic (DCC)
Español MEX	Bulgarian
Español LAC	Czech
Português BRA	Dutch (Netherlands)
	German
	English
	English UK
	French
	French (Belgium)
	French (Switzerland)
	Galician
	Italian
	Japanese
	Korean
	Polish
	Portuguese (Brazil)
	Russian
	Russian (Cyrillic)
	Slovak
	Slovenian
	Spanish
	Spanish (Spain)
	Swedish
	Turkish

Reprogramming HMI

Update Procedure



Service Menu

- 1. Press [F1] to display the help screen.
- 2. Press [F2] to display the help screen.
- 3. Press [F3] to display the help screen.
- 4. Press [F4] to display the help screen.
- 5. Press [F5] to display the help screen.
- 6. Press [F6] to display the help screen.
- 7. Press [F7] to display the help screen.
- 8. Press [F8] to display the help screen.
- 9. Press [F9] to display the help screen.
- 10. Press [F10] to display the help screen.

