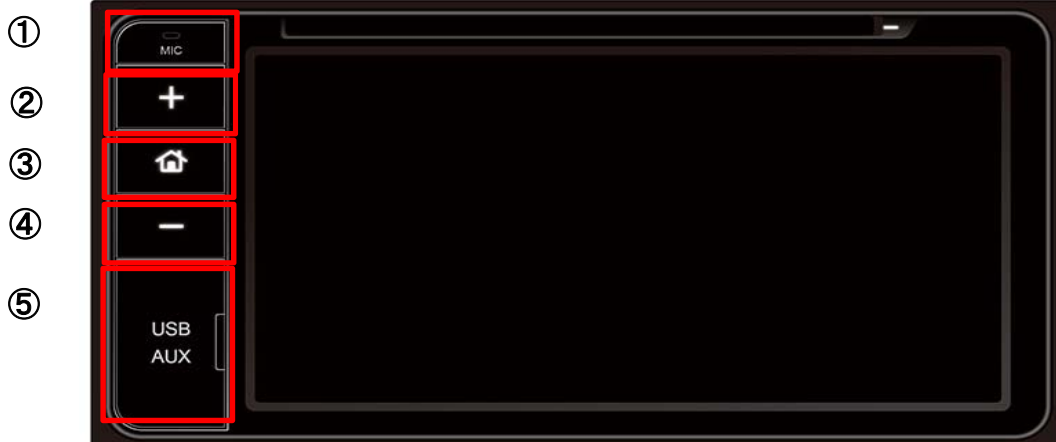









CV-DW  
Display Audio System  
Owner's Manual

# CV-DW OPERATION MANUAL

## COMMON

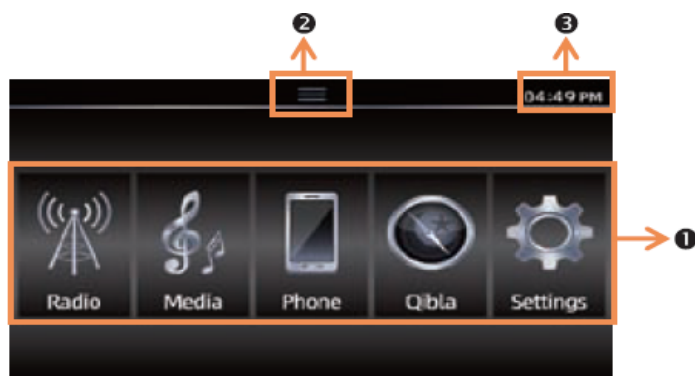


NO	FUNCTION	OPERATION	NOTE
1		The inside microphone of this bottom picks up the voice for BT Handsfree.	
2	 VOL UP	Press this bottom to increase the volume.	
3	 HOME	Press this bottom to return to the Home Menu. Press and hold this bottom to restart headunit.	
4	 VOL DOWN	Press this bottom to decrease the volume.	
5		<ul style="list-style-type: none"> <li>• USB: User can plug-in USB flash drives to active USB music,video,picture playback function.</li> <li>• AUX: 3.5mm input port,for connecting audio signals to the AUX input.</li> </ul>	

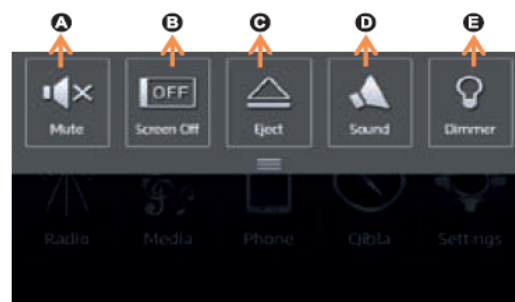
# CV-DW OPERATION MANUAL

## COMMON

### 1.Function

















### 2.Quick Toggle Function



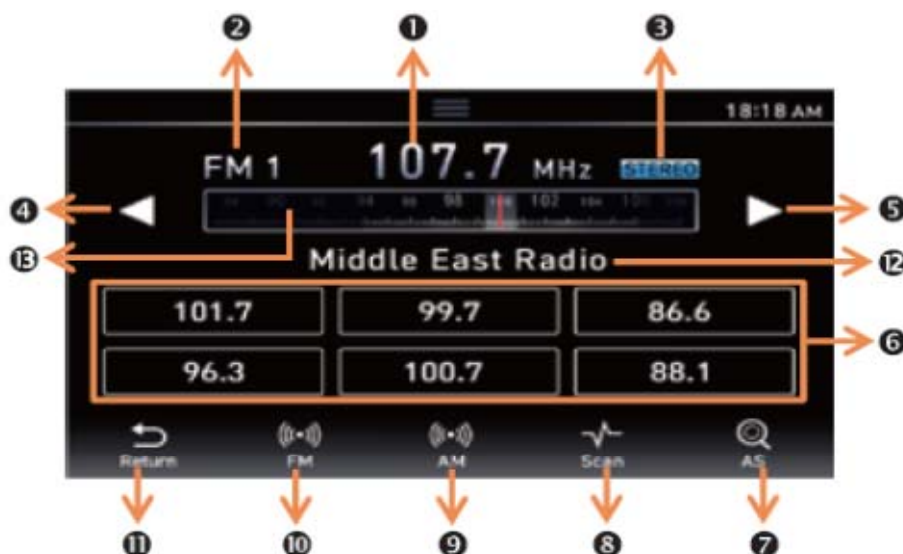
### 3.Status notification bar



NO	FUNCTION	OPERATION	NOTE
1	Functions	 Touch to move to radio mode  Touch to move to media mode  Touch to move to phone mode  Touch to move to Qibla mode  Touch to move to setting mode	
2	Quick Toggle Function A.Mute/Unmute B.Screen Off C.Eject D.Sound E.Dimmer	 Touch to move to quick toggle function  Touch to mute or unmute the Display Audio System.  Touch to turn off the screen.  Touch to eject disc.  Touch to enter sound setting page  Touch to enter screen dimmer setting page.	
3	Status notification bar	 Shows when Mute turns on  Shows when BT function turns on  GPS signal status	

# CV-DW OPERATION MANUAL

## RADIO



NO	FUNCTION	OPERATION	NOTE
1	Current radio station freq.	Shows the radio station frequency you are currently listening to.	
2	Band display		
3	Stereo		
4	Radio station seek (previous/fast backward)	Touch once to start the downward seek operation. The seek stops where there is a broadcasting station, and hold on to it.	
5	Radio station seek (next/fast forward)	Touch once to start the upward seek operation. The seek stops where there is a broadcasting station, and hold on to it.	
6	Station Preset	Touch once any button of this area, the frequency memorized in the Preset-Channel-button is recalled and received. Touch and hold any button of this area, tuner stores the currently receiving station in the channel pressed.	

## CV-DW OPERATION MANUAL

### RADIO

NO	FUNCTION	OPERATION	NOTE
7	Auto Search Station	Touch once to scan all stations and memorize the 6 most strong stations.	
8	Scan	Touch once to start seek scan operation upward.	
9	AM	Touch once to move to AM mode.	
10	FM	Touch once to move to FM mode.	
11	Return	Returns to previous screen.	

# CV-DW OPERATION MANUAL

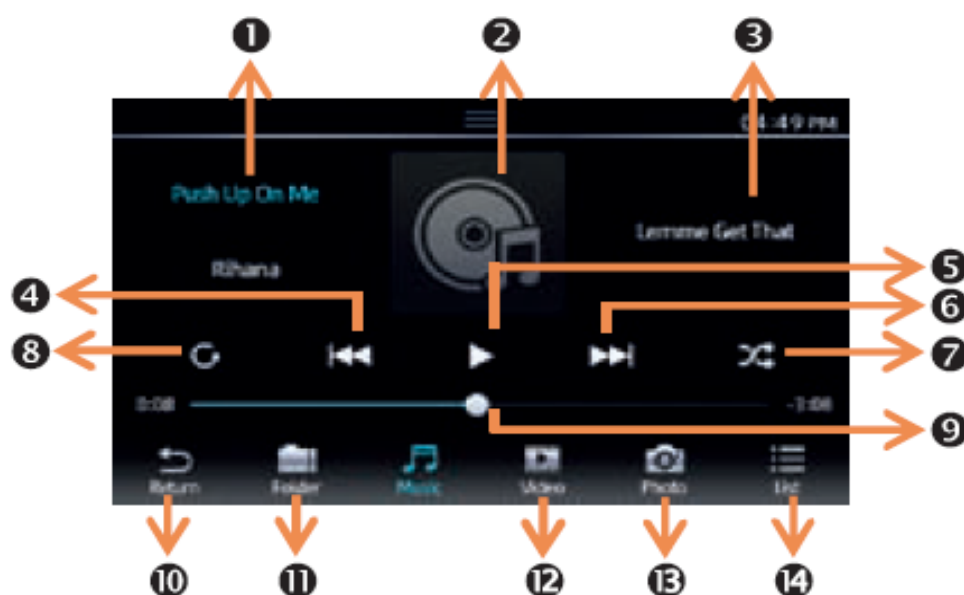
## MEDIA (Bluetooth AUDIO)



NO	FUNCTION	OPERATION	NOTE
1	Rewind	Touch once to play the current song from the beginning. Touch and hold to rewind the current song. Touch twice to play the previous song.	
2	Play/Pause	Touch to pause/resume playing music.	
3	Fast forward	Touch to play next song. Touch and hold to fast forward the current song.	
4	Music progress bar	See the progress of the current playing music and choose which part to play.	
5	Return	Returns to previous screen.	
6	Bluetooth	Touch to switch to Bluetooth setting screen.	

# CV-DW OPERATION MANUAL

## MEDIA (USB AUDIO)



NO	FUNCTION	OPERATION	NOTE
1	File name		
2	Album picture		
3	Album name		
4	Rewind	Touch once to play the current song from the beginning. Touch and hold to rewind the current song. Touch twice to play the previous song.	
5	Play/Pause	Touch to pause/resume playing music.	
6	Fast forward	Touch to play next song. Touch and hold to fast forward the current song.	
7	Random	Touch to turn on/off the random play mode.	
8	Repeat	Touch to switch repeat mode. All repeat --> Folder repeat --> 1 repeat	

## CV-DW OPERATION MANUAL

### MEDIA (USB AUDIO)

NO	FUNCTION	OPERATION	NOTE
9	Music progress bar	See the progress of the current playing music and choose which part to play.	
10	Return	Returns to previous screen.	
11	Folder	Touch to move to Folder list screen.	
12	Video	Touch to move to Video screen.	
13	Photo	Touch to move to Photo screen.	
14	List	Touch to move to List screen.	



# CV-DW OPERATION MANUAL

## MEDIA (USB VIDEO)



NO	FUNCTION	OPERATION	NOTE
1	Rewind	Touch once to play the previous video. Touch and hold to rewind the current video.	
2	Play/Pause	Touch to pause/resume playing video.	
3	Fast forward	Touch to play next video. Touch and hold to fast forward the current video.	
4	Video progress bar	See the progress of the current playing video and choose which part to play.	
5	Return	Returns to previous screen.	
6	Folder	Touch to move to Folder list screen.	
7	Music	Touch to move to music screen.	
8	Photo	Touch to move to Photo screen.	
9	List	Touch to move to List screen.	

# CV-DW OPERATION MANUAL

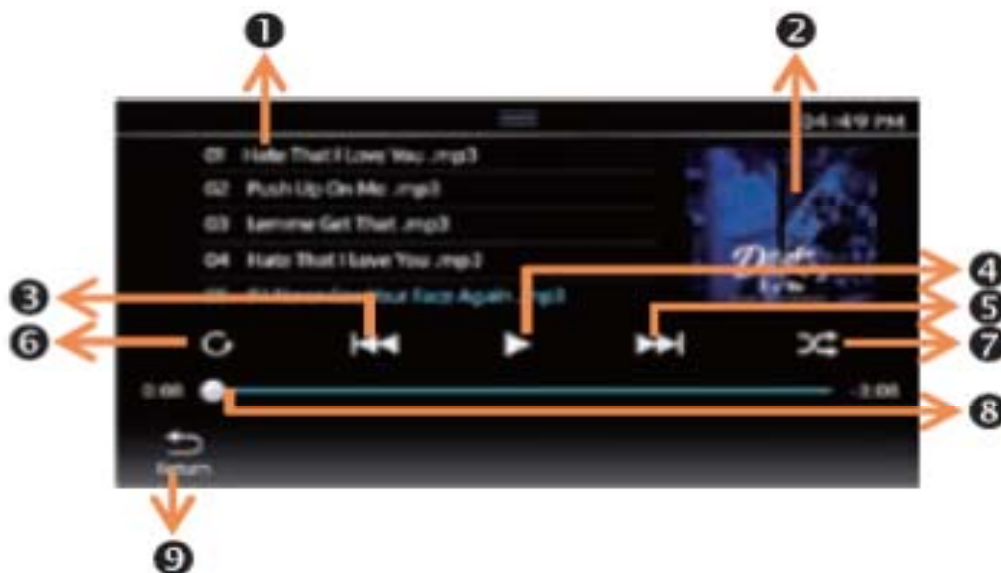
## MEDIA (USB PHOTO)



NO	FUNCTION	OPERATION	NOTE
1	Rewind	Touch once to play the previous photo.	
2	Play/Pause	Touch to pause/resume playing photo.	
3	Forward	Touch to play next photo.	
4	Return	Returns to previous screen.	
5	Folder	Touch to move to Folder list screen.	
6	Music	Touch to move to music screen.	
7	Video	Touch to move to Video screen.	
8	List	Touch to move to List screen.	

# CV-DW OPERATION MANUAL

## MEDIA (iPod)



NO	FUNCTION	OPERATION	NOTE
1	File name		
2	Album picture		
3	Rewind	Touch once to play the current song from the beginning. Touch and hold to rewind the current song. Touch twice to play the previous song.	
4	Play/Pause	Touch to pause/resume playing music.	
5	Fast forward	Touch to play next song. Touch and hold to fast forward the current song.	
6	Repeat	Touch to switch repeat mode. All repeat --> Album repeat --> 1 repeat --> All repeat	
7	Random	Touch to turn on/off the random play mode.	
8	Music progress bar	See the progress of the current playing music and choose which part to play.	
9	Return	Return to previous screen.	

# CV-DW OPERATION MANUAL

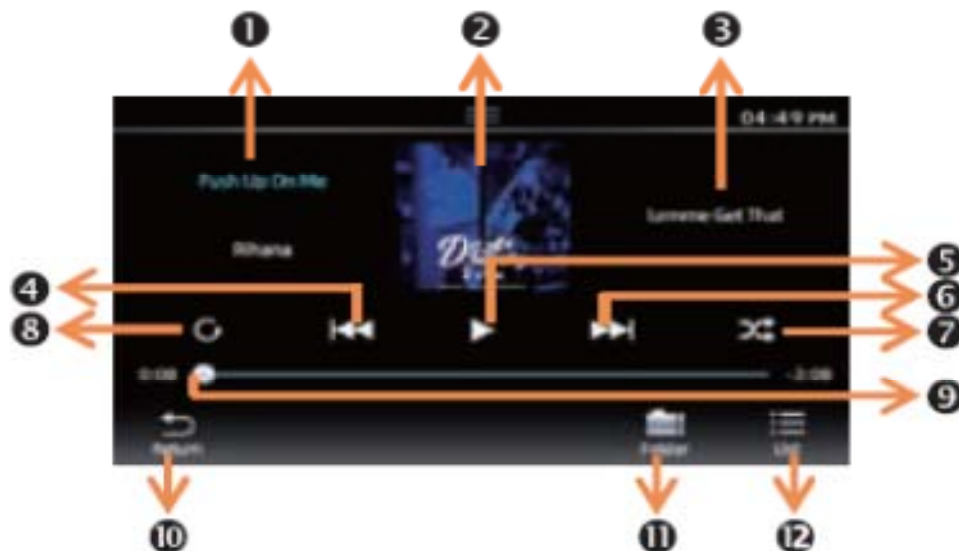
## MEDIA (CD)



NO	FUNCTION	OPERATION	NOTE
1	Track name		
2	Rewind	Touch once to play the current song from the beginning. Touch and hold to rewind the current song. Touch twice to play the previous song.	
3	Play/Pause	Touch to pause/resume playing music.	
4	Fast forward	Touch to play next song. Touch and hold to fast forward the current song.	
5	Repeat	Touch to switch repeat mode. All repeat --> 1 repeat --> All repeat	
6	Random	Touch to turn on/off the random play mode.	
7	Music progress bar	See the progress of the current playing music and choose which part to play.	
8	Return	Return to previous screen	
9	List	Touch to move to List screen.	

# CV-DW OPERATION MANUAL

## MEDIA (MP3)



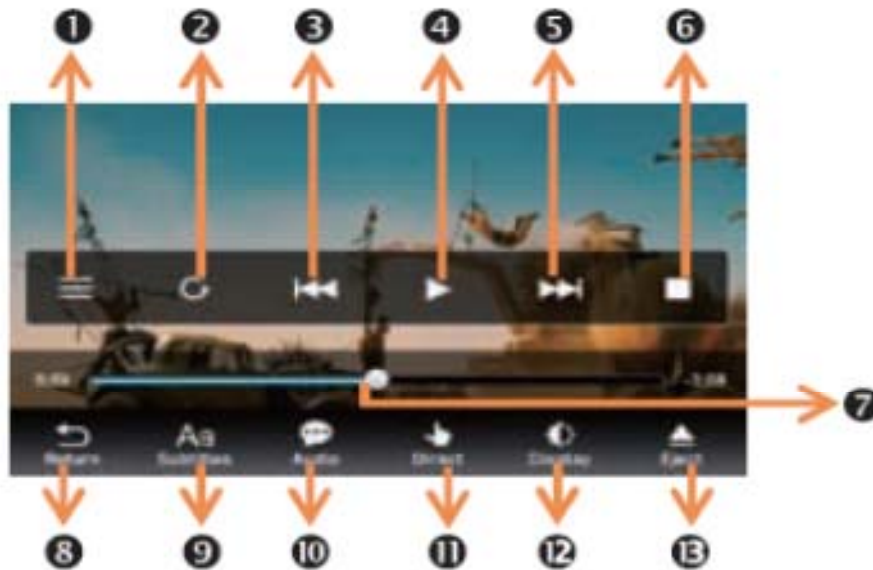
NO	FUNCTION	OPERATION	NOTE
1 2 3	File name Album picture Album name		
4	Rewind	Touch once to play the current song from the beginning. Touch and hold to rewind the current song. Touch twice to play the previous song.	
5	Play/Pause	Touch to pause/resume playing music.	
6	Fast forward	Touch to play next song. Touch and hold to fast forward the current song.	
7	Random	Touch to turn on/off the random play mode.	
8	Repeat	Touch to switch repeat mode. All repeat --> Folder repeat --> 1 repeat	
9	Music progress bar	See the progress of the current playing music and choose which part to play.	
10	Return	Return to previous screen.	

# CV-DW OPERATION MANUAL

MEDIA (MP3)			
NO	FUNCTION	OPERATION	NOTE
11	Folder	Touch to move to Folder list screen.	
12	List	Touch to move to List screen.	

# CV-DW OPERATION MANUAL

## MEDIA (DVD)



NO	FUNCTION	OPERATION	NOTE
1	DVD MENU	Touch to open DVD menu.	
2	Repeat	Touch to repeat the current chapter.	
3	Rewind	Touch once to play the current chapter from the beginning. Touch and hold to rewind the current chapter Touch twice to play the previous chapter.	
4	Play/Pause	Touch to pause/resume playing video.	
5	Fast forward	Touch to play next chapter. Touch and hold to fast forward the current chapter.	
6	Stop	Touch to stop/resume playing video.	
7	Video progress bar	See the progress of the current playing video and choose which part to play.	
8	Return	Returns to previous screen.	
9	Subtitle	Touch to change the subtitles.	
10	Language	Touch to change the languages.	

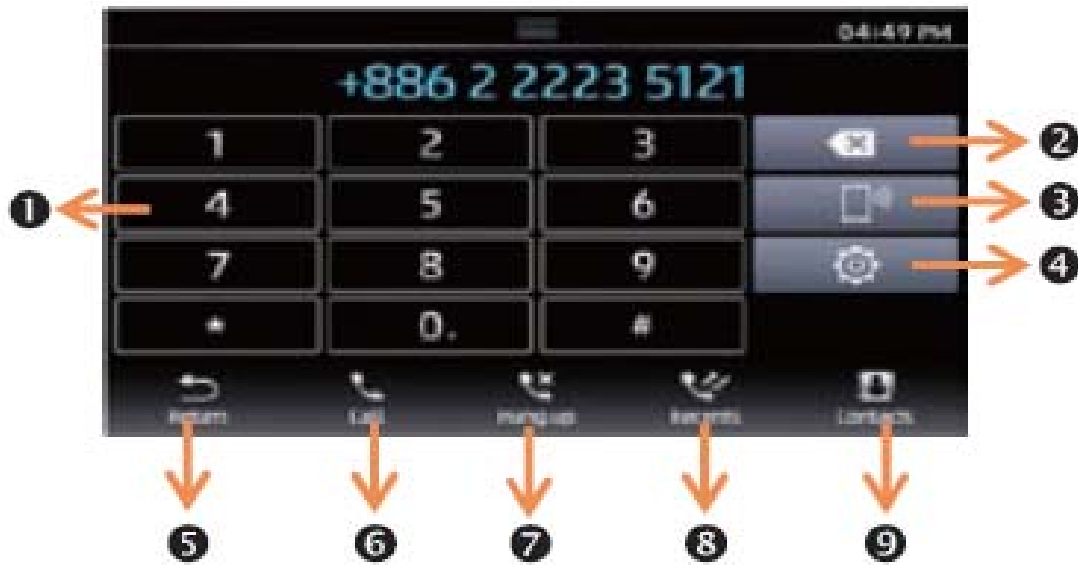
# CV-DW OPERATION MANUAL

MEDIA (MP3)			
NO	FUNCTION	OPERATION	NOTE
11	Title number Chapter number	Touch to choose Title number / Chapter number directly.	
12	Brightness Contrast	Touch to set brightness or contrast.	
13	Eject	Touch to eject DVD disc.	



# CV-DW OPERATION MANUAL

## BLUETOOTH HANDSFREE



NO	FUNCTION	OPERATION	NOTE
1	Dialpad	Touch to enter a phone number.	
2	Delete	Touch to delete incorrectly entered phone number.	
3	Switch audio source	Switch call to this main unit/phone during a call.	
4	Setting	Touch to move to Bluetooth Setting.	
5	Return	Returns to previous screen.	
6	Call/Answer	Touch "Call" to call the phone number entered. Touch "Answer" to answer the incoming call.	
7	Hang up	Touch to hang up the phone.	
8	Recents	Display recent call records, including missed calls, outgoing calls and incoming calls.	
9	Contacts	Display contacts.	

# CV-DW OPERATION MANUAL

## FCC WARNING STATEMENT

15.19

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 undesired operation.

15.105

This 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 or more 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.

15.21

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF .

End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

# CV-DW OPERATION MANUAL

## SPECIFICATION

### Display section

Picture Size (W x H):  
6.92 inches (diagonal) wide 137.5 mm × 77.2 mm  
Number of Pixels: 1 843 200 (1024H × 600V × 3)

### DVD player section

Wow & Flutter: Below Measurable Limit  
Frequency Response: 20 Hz to 20 000 Hz  
Total Harmonic Distortion: 0.010% (1 kHz)  
Signal to Noise Ratio: 94 Db  
Dynamic Range: 91 dB

### USB section

USB Standard: USB 2.0 High Speed  
File System: FAT 16/32  
Maximum Power Supply: Current DC 5 V/1 A  
Audio Decoder: MP3/WMA/AAC/WAV  
Video Decoder: MPEG1/MPEG2/MP4(H.264)/WMV(VC-1)/AVI(MPEG4)/JPEG/BMP/PNG

### Bluetooth section

Technology: Bluetooth Ver 3.0 + EDR  
Frequency: 2.402 GHz to 2.480 GHz  
Maximum Communication Range: Line of sight approx.10 m (32.8 ft)

### FM tuner section

Frequency Range: 87.50 MHz to 108.00 MHz (50 kHz)  
Usable Sensitivity: 6 dB/μV (S/N 30 dB)  
Frequency Response: 30 Hz - 15 kHz (±3.0 dB)  
Signal to Noise Ratio: 62 dB  
Selectivity: 75 dB  
Stereo Separation: 40 dB (at 1 kHz)

### AM tuner section

Frequency Range (9 kHz): 531 kHz to 1 602 kHz  
Usable Sensitivity: 29 dB/μV (S/N 20 dB)  
Frequency Response: 30 Hz - 15 kHz (±3.0 dB)  
Signal to Noise Ratio: 75 dB

### Audio section

Maximum Power: 40 W × 4  
Full Bandwidth Power 20 W × 4 (at less than 1%THD)  
Speaker Impedance: 4 Ω

### General

Operating Voltage: 14.4 V (10.5 V to 16 V allowable)  
Maximum Current Consumption: Less than 4 A  
Dimensions (W × H × D): 200 mm × 81.5 mm × 150mm  
Weight: 2.1 kg  
Operating Temperature: -30°C ~ 65°C