

SSANGYONG

CARAUDIO SYSTEM-OWNER'S MANUAL

MEDIA(USB/iPod), Bluetooth, RADIO

English 1



- MEDIA (USB, iPod, BT Audio)
- REPEAT & RANDOM play (USB/iPod)
- Bluetooth function (BT Audio, Handsfree, Phone book)
- 18 Preset Memory (FM1, FM2, AM Band)
- 24 Preset Memory (FM1, FM2, AM, DAB Band) for EU Region
- SEEK & TUNE (auto/manual) for radio broadcasting
- RDS & DAB function for EU Region
- ARKAMYS sound control (dynamic, natural)
- Setup (5 modes) for system user settings

C300 /X150

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2 RADIO, USB/iPod, AUX, Bluetooth, BT Audio,

Precautions

1. To ensure safe driving

1. As a function to help ensure safe and stable driving, Bluetooth handsfree is convenient for making and receiving calls via terminal, if the vehicle's terminal is connected to a mobile phone which supports Bluetooth function.
2. Failure to keep eyes on the road can cause accidents. Do not handle the device excessively during driving.
3. Keeping eyes on the display for a long time can cause accidents.

2. Precautions when using audio system

1. The power supply of this product is for vehicle-exclusive use. Make sure to check if the vehicle is negatively grounded.
 - Rated power : DC 12V
2. In order to avoid product malfunction, be careful not to cause any excessive shock to the system.
3. Avoid cleaning the system with standard record cleaning products such as benzene.



3. Precautions when using USB/iPod devices

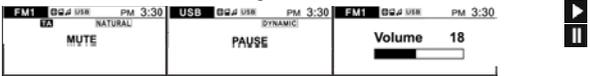
1. Always keep device separated before starting the vehicle, and only insert after starting vehicle, as damage to device may be caused when starting the vehicle with device already attached.
2. Suddenly detaching device while playing in this mode may cause damage and possibly malfunction. Therefore, be sure to detach device in other mode or when audio power is off.
3. Supports standard MP3, WMA, FLAC file format and USB devices formatted as FAT 12, 16, 32.
 - MP3, WMA files with 8Kbps~320Kbps can be played.
 - FLAC files with 48KHz~96KHz/24bit, up to 192KHz/16bit can be played.
 - Does not support NTFS.
4. Operation of devices other than standard (metal cover) types cannot be guaranteed.
 - Device with bad connections due to vehicle vibration affecting connector parts such as an HDD or self-designed connector (i-stick type).
 - HDD, SD, CF types and other devices used with an adapter cannot be recognized.
 - Files protected by DRM (Digital Rights Management) cannot be played.
1. Information about playing of the folder and file being played.
 - Names of files and folders that use numbers and English or Turkish letters are supported, but any special figures, symbols, or Chinese characters are not. In the case of unsupported folder/ file names, these characters may appear in broken form on the indication window.
 - Folder and file names are limited to 64 letters, both for English or Turkish characters.
 - Maximum number of folders recognized : 2,000.
 - Maximum number of files recognized : 6,000.

4. Precautions when using Bluetooth (Handsfree)

1. Problems that occur during use of mobile phone may not solely be due to problems with audio system but may instead be caused by issues arising from the connected mobile phone.
2. Some functions may not be compatible or operate correctly depending on the kind of Bluetooth mobile phone.
3. Check if your mobile phone supports Bluetooth before connecting it to Bluetooth Handsfree.
4. When a mobile phone connection mode is locked, it cannot be connected to the audio system, even though it supports Bluetooth.
 - Connect it to the system again after releasing the connection mode lock.
 - Use Bluetooth after switching to audio mode or starting the vehicle again.
5. You can change the name of mobile phone indicated in the Bluetooth link list.
6. Audio streaming function.
 - May not be supported depending on the model of mobile phone.
 - You can use audio streaming mode only when a Bluetooth mobile phone is connected. When a Bluetooth mobile phone is disconnected while the music is being played, the music stops playing.
 - When music does not start playing immediately after switching to audio streaming mode, please retry, as sometimes playback requires pressing the button once.
 - Audio streaming or sound call quality may be bad when battery is weak.
7. If the phone is turned off while operation is not completely switched.
 - Power is automatically ON when making or receiving a call in power OFF position and is OFF following calling.
 - When power is terminated while making a call, power is automatically in ON position when the call is connected.

Using the Audio system

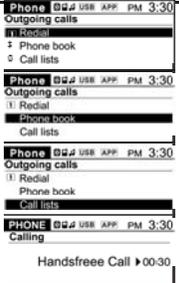
1. Location of FRONT controls

Button	Description
① POWER VOLUME	<p>1. Power On : Press briefly in power-off state. 2. Power Off : Press and hold for more than 1.5sec. in power-on state. 3. Mute : Press briefly in power-on state. 4. Play : Press briefly in paused-state in USB/iPod, BTAudio mode. 5. Pause : Press briefly in play-state in USB/iPod, BTAudio mode. 6. Volume control : Turn left / right to control volume.</p> 
② SETUP	<p>1. SETUP mode : Press briefly in power-on state. ->Back /Arkamys Sound / Tone setting / Bluetooth / System / RDS / DAB</p>
③ ENTER SEEK / TUNE	<p>1. ENTER : Press briefly in power-on state in Setup mode. ->End of setting or user selection in all setup menus. 2. SEEK / TUNE :</p> <ul style="list-style-type: none"> ▶ SEEK (Radio) : Turn Left (Down)/ Right (Up)to find the station. ▶ TUNE Up/Down (Radio) : Press briefly->Turn Left (Down)/ Right (Up). ▶ TRACK Up/Down(USB/iPod,BTAudio): ->Turn Left (Down) / Right (Up). ▶ Song search (USB/iPod) :Press briefly->Turn Left (Down) / Right (Up) ->Press briefly to select desired song. ▶ FF/REW (USB), CUE/REV (iPod):Long Push->Turn Left (Down) / Right (Up). ▶ DAB station Up/Down(USB/iPod,BTAudio):Turn Left (Down) / Right (Up). ▶ DAB station search(USB/iPod):Press briefly->Turn Left (Down) / Right (Up). ->Press briefly on desired station to select. <p>Note : RDS, DAB are EU region only.</p>
④ Display	<p>1. Display : Show in power-on / off state in all modes.</p>

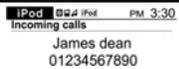
Button	Description
⑤ RADIO / AST	<p>1. Band rotation(FM1 ->FM2 ->AM ->DAB) : Press briefly in radio mode.</p> <p>2. AST (Autostore) : Press and hold for more than 1.5sec. in radio mode. ->Save radio stations via preset buttons (1 ~ 6) automatically.</p>
⑥ Preset (1~6) button	<p>1. Listening : Press briefly on all radio bands (FM1,FM2,AM, DAB).</p> <p>2. Saving : Press and hold for more than 1.5sec. on all listening radio bands.</p>
⑦ SCAN	<p>1. Scanning : Press briefly, to listen to accessible frequencies sequentially for 10 seconds on all radio bands (FM1,FM2,AM).</p> <p>2. All DAB stations search : Press briefly on DAB band.</p> <p>3. TAON/OFF (FM RDS/ DAB) : Press and hold for more than 1.5 sec. in FM RDS or DAB mode. .</p>
MEDIA	<p>1. Selection menu rotation : Press briefly in power-on state. ->USB/iPod->AUX->BT Audio->USB/iPod->...</p> <p>2. USB/iPod and BT Audio mode will be skipped when not available.</p>

Button	Description
⑥ - Call	<p>1.Paired state : In power-on state. ->Calling MenuAccess(Redial / Phonebook / Call lists) : Press briefly. ->Re-Dial : Press and hold for more than 1.5sec..</p> <p>2.Unpaired state : In power-on state. ->Bluetooth pairing mode access : Press briefly. ->Bluetooth pairing with most recent phone : Press and hold for more than 1.5sec..</p>
⑥ - Hanging up	<p>1.Hanging up (Calling state) : Press briefly. 2.Disconnect the phone : Press and hold for more than 1.5sec..</p>
⑥ - 1, 4 FOLDER UP / DOWN	<p>1.Folder Up / Down (USB) : Press up / down button briefly. ->Press ENTER on desired folder.</p> <p>2.Preset memory button 1, 4selection (Radio) : Press 1,4-FOLDERbutton.</p>
⑥ - 2 REPEAT	<p>1.Repeat mode rotation (USB/iPod) : Press briefly. ->One Repeat ->Folder Repeat->Repeat Off->...</p> <p>2.Preset memory button 2 selection (Radio) : Press 2 - REPEATbutton.</p>
⑥ - 3 RANDOM	<p>1.Random mode rotation (USB/iPod) : Press briefly. ->Folder Random ->All Random->Random off ->...</p> <p>2.Preset memory button 3 selection (Radio) : Press 3 - RANDOM button.</p>
⑥ - 5 EQ	<p>1.ARKAMYS sound mode rotation (USB/iPod,AUX,BT Audio) : Press briefly. ->Dynamic->ARKAMYS off->Natural->...</p> <p>2.Preset memory button 5 selection (Radio) : Press 5 - EQ button briefly.</p>
⑥ - 6 INFO	<p>1.Song information (USB/iPod) : Press briefly. ->Show Album,Artist, Title</p> <p>2.Preset memory button 6 selection (Radio) : Press 6 - INFO button briefly.</p>

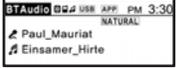


<p>1. Pairing Method</p> 	<p>1. Pairing via setup menu Press CALL briefly in power-on state. SETUP → Bluetooth → Pair</p> <p>- Reference to "Setup-Bluetooth-Pair" menu.</p> <p>2. Direct pairing access Press "Call on" button briefly.</p>	
<p>2. Pairing</p>	<p>1. Execute pairing preparation action according to chosen pairing method. (Radio).</p> <p>2. Enable Bluetooth on mobile phone. (Phone)</p> <p>3. Find the "C300" in device list and select. (Phone)</p> <p>4. Check certification no. and confirm. (Phone)</p> <p>5. After a few moments, a pop-up window will appear asking if you want to download phonebook and call-list. If you want to download phonebook list and call-list to radio, select "Permit". (Phone)</p> <p>6. When Bluetooth pairing is completed, Bluetooth logo, Handsfree icon, and Bluetooth streaming icons are displayed in the display window. (Radio) </p>	
<p>3. Making a Call</p> 	<p>1. Make a call with connected mobile phone</p> <ul style="list-style-type: none"> - Last call#1: Press and hold "Call". - Last call#2: Press "Call" briefly select Redial (press ENTER) <p>2. Search contacts via phonebook and make phone calls: Press "Call" briefly select Phonebook (press ENTER)</p> <ul style="list-style-type: none"> * Search contact to call with Enter dial → press ENTER (End) <p>3. Search call-lists and make phone calls:</p> <p>Press "Call" briefly → select Call lists (press ENTER)</p> <ul style="list-style-type: none"> * Search contact to call with Enter dial → press ENTER (End) 	



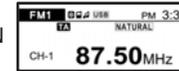
Mode&Button	Description & Display	
4. Receiving a Call 	1.Receiving a call with connected mobile phone. 2.Press "Call" briefly when bell is ringing. 3.Press  "Call" on steering wheel remote control.	
5. Hanging up 	1.Hanging up connected mobile phone. 2.Press "  Hanging up" briefly during call. 3.Press "Hanging up" on steering wheel remote control. - Return to previous mode automatically.	

■ Using BT Audio streaming

	Description & Display
	It's possible to use Bluetooth audio streaming where audio and mobile phone are synchronized. <ul style="list-style-type: none"> mobile phone sound source audio can be listened to by connecting to Bluetooth. Reference to "Setup - Bluetooth" menu.
	Play : Press briefly again to select BTAudio mode. USB/iPod->AUX->BTAudio->USB/iPod ... <ul style="list-style-type: none"> Artist / Song Title / Playing time for the file currently being played is changed on display.  <ul style="list-style-type: none"> When playing the mobile phone sound source that Bluetooth is connected to, audio can be listened to.
	Song change : Turn ENTER dial to change to previous or next song on mobile phone.
	Pause  Play  : Press again briefly to "Pause" or "Play" mobile phone songs.

3. RDS for EU Region

Mode & Button	Description & Display
<p>1. RDS</p> 	<p>- RDS functionality is supported in areas where RDS service is available.</p> <p>1. Support function : PS Name display, AF, Regional On/off, PTY Search, TA, TP search, EON</p> <ul style="list-style-type: none"> • PS Name : Broadcast station information is displayed. • AF : Always finds the best station when moving. (Broadcasting stations with nation wide network only) • Regional : Select whether you want to allow AF to be broadcast on the same network but broadcast locally or differently. <ul style="list-style-type: none"> ->ON : prohibit local broadcast reception. ->OFF : allow local broadcast reception (Default: Off). • PTY Search : Select one of 29 broadcasting genres. SETUP → RDS → PTY → Select genre → PTY search → ... * If selected genre cannot be found, No PTY is displayed and the original state returned to. • TA : When a traffic announcement is made while listening to FM radio, USB or Bluetooth Audio, traffic broadcast reception mode is entered and original mode returned to upon completion of announcement. • TPsearch : When TAON is selected, if the current receiving station does not provide a traffic broadcast service, search is performed for a station that does provide a traffic broadcast. • EON : Switch to broadcasting station which provides traffic information. After listening, the original broadcast is returned to. • CT : Synchronize time information sent from broadcasters. Turn off CT function when wrong time information is received.



4. DAB for EU Region

Mode&Button	Description & Display
<p>2. DAB</p> 	<p>- Supports DAB BAND III digital broadcast reception.</p> <p>1. Select a band : Press the RADIO /AST button to switch to DAB band.</p> <p style="text-align: center;">FM 1→ FM 2→AM → DAB→...</p> <p>2. Station List Search : DAB Band →SCAN → DAB broadcast search → ...</p> <p>3. Select a station : Rotate Encoder volume to select desired station.</p> <p>4. Store station : If PRESET (1-6) number is pressed for more than 2 seconds during broadcast, the receiving DAB station will be saved.</p> <p>5. Set DAB option : SETUP → DAB → ...</p> <ul style="list-style-type: none"> • Service Follow : When DAB reception is impossible due to change of reception environment during DAB reception, an FM broadcast of the same content is automatically switched to . When reception environment improves, DAB is automatically returned to.(Default:On). • Traffic announcement : Select whether to allow traffic information from broadcasters. (Default: On). • DLS : Display text information sent from broadcasters at bottom of screen. (Default: On). • Calling Time Shift : While listening to DAB broadcast, continue listening to received broadcast while making a Bluetooth handsfree call. <ul style="list-style-type: none"> - Supports up to 3 minutes of call-time. If time exceeds 3 minutes, time shift function is canceled. (Default: off). ->Mode switching, Power off/on, ACC off/on turns off time shift mode.



Using Audiosystem

■ Entering E-CALL mode for EU Region

<p>E-CALL mode</p>	<p>Note : Entering E-CALL mode for EU Region. When entering E-CALLmode due to a car accident, the radio mutes the sound and displays S.O.S logo.</p>	
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Using the Audio system

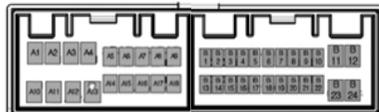
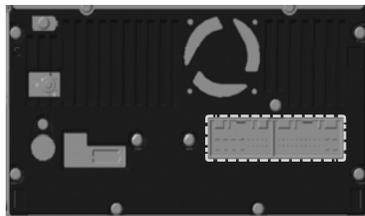
5. Steering wheel remote control



Using Volume, Mode, Seek, Call ON, Call OFF / Mute

Button	Description
<p>b</p> <p>Volume Up/Down</p> 	<p>Volume control button 00(MIN)~41(MAX) ->Volume up : Push up. ->Volume down : Push down.</p>
<p>b</p> <p>Mode</p> 	<p>1.Mode change : Press briefly in power-on state. ->RADIO->USB / iPod->AUX->BTAUDIO->RADIO-> ... ->USB/iPod and BTAudio mode will be skipped if not available. 2.Radio Band change : Press and hold this button in the radio mode for bands to change in order. ->FM 1->FM 2->AM->DAB->...</p>
<p>c</p> <p>Seek Up/Down</p> 	<p>1.Recall using preset memory 1~6 button (Radio) : Push up / down . 2.Track Up / Down (USB/iPod) : Push up / down.</p>
<p>#</p> <p>Call ON</p> 	<p>1.Paired state : In power-on state. ->Calling MenuAccess(Redial / Phonebook / Call lists) : Press briefly. ->Re-Dial : Press and hold for more than 1.5sec.. 2.Unpaired state : In power-on state. ->Bluetooth pairing mode access : Press briefly. ->Bluetooth pairing with most recent phone : Press and hold for more than 1.5sec..</p>
<p>#</p> <p>Call OFF / Mute</p> 	<p>1.Hanging up (Calling state) : Press briefly. 2.Disconnect the phone : Press and hold for more than 1.5sec.. 3.Mute (Radio / AUX) : Press briefly. 4.Pause (USB / iPod / BT Audio) : Press briefly.</p>

6. REAR Connection (42-pin Connector)



■ 42-pin Connector

A1	Rear Left +
A2	Front Left +
A3	Front Right +
A4	Rear Right +
A5	-
A6	-
A7	-
A8	Illumination +
A9	-
A10	Rear Left -
A11	Front Left -
A12	Front Right -
A13	Rear Right -
A14	-
A15	-
A16	-
A17	Illumination -
A18	Antenna Power

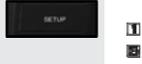
B1	-
B2	-
B3	-
B4	Steering Wheel controller
B5	-
B6	-
B7	-
B8	AUX-RIN
B9	AUX-REF
B10	MIC +
B11	ACC
B12	BATT +

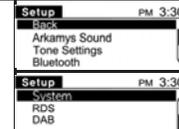
B13	-
B14	-
B15	-
B16	SPEED information
B17	GND (SteeringWheelcontroller)
B18	-
B19	GND
B20	E-CALL
B21	AUX-LIN
B22	MIC -
B23	GND (MIC)
B24	MAIN GND

Using Audio system

Setup

1. Entrance

Mode&Button	Description & Display
1. Entrance 	<p>1. SETUP mode : Press briefly in power-on state.</p> <p>-Reference to each of "Setup" menu item.</p> <p>-> Back / Arkamys Sound / Tone settings / Bluetooth System / RDS / DAB]</p>



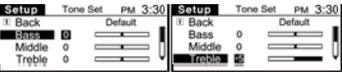
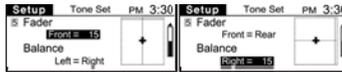
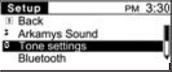
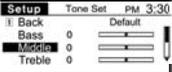
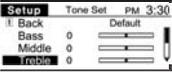
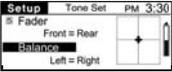
Setup menu settings

Mode&Button	Description & Display
Settings  Setup menu Back 	<p>1. Searching : Turn 3 Left (Up) / Right (Down) to find the Setup menu.</p> <p>2. Settings : Press 3 briefly on desired Setup menu item and change setting with 3.</p> <p>->End of settings or selecting the User's selection on all setup menu.</p> <p>Return to the main display.</p> <p>-The "SETUP" button itself also works as a "Back" function.</p>

2. Arkamys sound

Mode&Button	Description & Display
Arkamys Sound	<p>Arkamys sound effect select (Default "Natural"). [Back / Natural / Dynamic / Effect off] -Effect selection can be made using 5/EQ button directly. -This button will operate preset NO.5 in the radio mode.</p> 

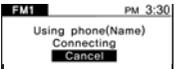
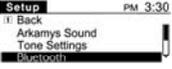
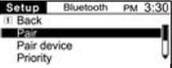
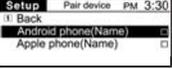
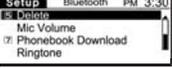
3. Tone Settings

Mode&Button	Description & Display
Tone Settings	<p>Tone Settings menu selection. -> Back -> Bass -> Middle -> Treble -> Fader -> Balance</p> <p>Back : Return to the Setup menu display. Default : Return to default state.</p> <p>Bass : Select "Bass" (press "ENTER") -> Set Bass effect value.</p> <p>Middle : Select "Middle"(press"ENTER")->Set Middleeffectvalue.</p> <p>Treble : Select "Treble"(press"ENTER")->SetTrebleeffectvalue. -Eachofeffectvaluerangecanbecontrolledfrom"-5"to"+5" using"ENTER"dial.</p>  <p>Fader : Select "Fader" (press"ENTER") -> Set Fader effect value.</p> <p>Balance : Select "Balance"(press"ENTER")->SetBalanceeffectvalue. -Eachofeffectvaluerangecanbecontrolledfrom"01"to"15" using"ENTER"dial.</p>        

Setu p



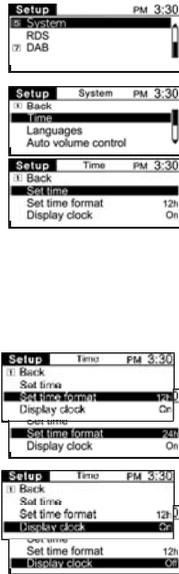
4. Bluetooth

Mode & Button	Description & Display
Bluetooth	<p>Bluetooth menu selection.</p> <ul style="list-style-type: none"> -> Back -> Pair -> Pair device -> Priority -> Delete -> Mic volume -> Phonebook download -> Ringtone <p>Back : Return to Setup menu display.</p> <p>Pair : Select "Pair" (press "ENTER") -> Enter pairing mode.</p>  <p>Pair device : Select "Pair device" (press "ENTER") -> Select one device from paired device lists. -> Connect.</p>  <p>Priority : Select "Priority" (press "ENTER") -> Select device with top priority when reconnected. -> Connect automatically when power next turned on.</p> <p>Delete : Select "Delete" (press "ENTER") -> Delete selected devices.</p>      

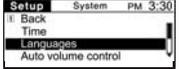
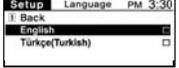
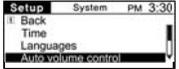
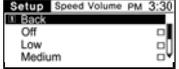
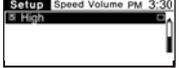
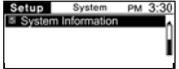


Mode & Button	Description & Display
Bluetooth	<p data-bbox="607 507 1771 534">Mic volume control : Select "Mic volume" (press "ENTER") -> Adjust MIC volume from "1" to "5" (default 3).</p> <p data-bbox="607 630 1771 678">Phonebook download : Select "Phonebook download" (press "ENTER") -> Download phonebook from connected phone.</p> <p data-bbox="607 766 1771 813">Ringtone control : Select "Ringtone" (press "ENTER") -> Select desired ringtone.</p> <div data-bbox="1377 582 1736 965"></div>

5. System

Mode&Button	Description & Display
<p>System</p> <p>1</p> <p>1</p> <p>1</p>	<p>System settings menu selection. -> Back -> Time -> Languages -> Auto volume control -> System information</p> <p>Back : Return to Setup menu display</p> <p>Time : Select "Time" (press "ENTER")</p> <p>Back : Return to the System settings menu display.</p> <p>Set Time :</p> <p>-> Select "Set time" (press "ENTER") ->Adjust the "Hour" (with "ENTER" dial) -> Setting Hour (press "ENTER") ->Adjust the "Minute" (with "ENTER" dial) -> Setting minute (press "ENTER")</p>  <p>Set time format : -> Select "Set time format" (press "ENTER") -Press "ENTER" repeatedly setting "12Hor24H" timeformat.</p> <p>Display Clock :</p> <p>-> Select "Display Clock" (press "ENTER") -Press "ENTER" repeatedly, setting DisplayClock "On or Off". -Set the clock display to be visible or invisible in power-off state. (In no-clock mode ,LCD back lighting is turned off).</p> 

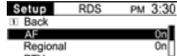
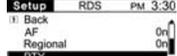
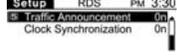
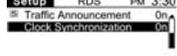
5. System

Mode&Button	Description & Display																					
<p>System</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p>	<p>Languages : Select system language. Select "Languages" (press "ENTER") -> Back -> English -> Turkish - Press "ENTER" to choose either English or Turkish setting.</p> <p>Auto volume control : Compensate for volume level during driving. Select "Auto volume control" (press "ENTER")</p> <p>Back : Return to System settings menu display.</p> <p>OFF : No effect.</p> <p>Low : Compensated volume level low.</p> <p>Medium : Compensated volume level medium.</p> <p>High : Compensated volume level high. -Press "ENTER" to set compensated volume level</p> <p>System information : -Shows applied software version information (CPUVer./Date/ArkamysVer./LIDVer./EEPROM).</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <table border="1" style="font-size: 8px;"> <tr><td>Setup</td><td>System Info</td><td>PM 3:30</td></tr> <tr><td>CPU Ver :</td><td>Q200 KOR 0.93</td><td></td></tr> <tr><td>Date :</td><td>2017/11/08</td><td></td></tr> <tr><td>Arkamys Ver :</td><td>0.07</td><td></td></tr> <tr><td>LID Ver :</td><td>VO.11</td><td></td></tr> </table> <table border="1" style="font-size: 8px;"> <tr><td>Setup</td><td>System Info</td><td>PM 3:30</td></tr> <tr><td>EEPROM :</td><td>783A8785</td><td></td></tr> </table> </div> <div style="margin-top: 20px;">       </div>	Setup	System Info	PM 3:30	CPU Ver :	Q200 KOR 0.93		Date :	2017/11/08		Arkamys Ver :	0.07		LID Ver :	VO.11		Setup	System Info	PM 3:30	EEPROM :	783A8785	
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Setup

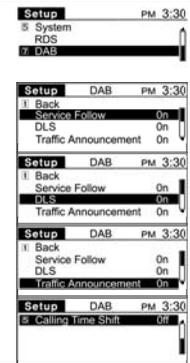
6. RDS for EU Region

Mode&Buttons	Description & Display
RDS Settings	<p>RDS Settings : RDS Settings menu selection.</p> <ul style="list-style-type: none"> -> Back -> AF -> Regional -> PTY -> Traffic Announcement -> Clock Synchronization <p>Back : Return to Setup menu display.</p> <p>AF : AF operation On/Off selection (Default On).</p> <p>Regional : Regional AF operation On/Off selection (Default Off).</p> <p>PTY : Program type selection menu.</p>  <p>Traffic Announcement : TAO n/Off selection (Default On).</p> <p>Clock Synchronization : RDS data clock synchronization On/Off selection (Default On).</p>
	    

Setup

7. DAB for EU Region

Mode & Button	Description & Display
7 DAB Settings	<p>DAB Settings : DAB Settings menu selection. -> Back -> Service Follow -> DLS -> Traffic Announcement -> Calling time shift</p> <p>Back : Return to Setup menu display.</p> <p>Service Follow : DAB to FM service follow operation On/Off selection when DAB reception status is poor(Default On).</p> <p>DLS : DAB text information display On/Off selection(Default On).</p> <p>Traffic Announcement : TAO n/Off selection (Default On).</p> <p>Calling time shift : Time shift function during short term Bluetooth call On/Off selection (Default Off).</p>



Product Specification

Car Audio	
Power Supply	DC 12V
Operating Voltage	9V ~ 16V
Current consumption	4.5A (at Max Power)
Operating Temp.	-30°C ~ 75°C
Storage Temp.	-40°C ~ 85°C
Dimension	FacePlate: 278.4x175.5x60.1mm SBX : 178x138x102mm
Weight	1.96Kg
Display Resolution	270x100

Radio	
Frequency Range	
1. General Region	FM : 87.5 ~ 108.0MHz 100kHz step AM : 531 ~ 1602kHz 9kHz step
2. EU Region	FM : 87.5 ~ 108.0MHz 100kHz step(Manual50KHzstep) AM : 522 ~ 1620kHz 9kHz step
3. Latin America	FM : 87.5 ~ 108.0MHz 200kHz step AM : 530 ~ 1710kHz 10kHz step

USB/ iPod	
Power Supply	USB 2.0 FS
Format	FAT32
Supported files	MP3, WMA, AAC (M4A), WAV, FLAC

Bluetooth	
Compatibility	Bluetooth 4.1
Band	2,402 ~ 2,480 MHz
Profile	HF, A2DP, AVRCP, SPP

Specification

FCC Information to User

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 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

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information : 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

IMPORTANT NOTE:

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



DGU-2040-0200/-1 Owner's manual for *CARAUDIO*