

SSANGYONG

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CAR AUDIO SYSTEM OWNER'S MANUAL

MUSSO - Owner's manual for *CAR AUDIO*

MEDIA(USB/iPod), Bluetooth, RADIO



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Owner's manual for *CAR AUDIO*



A23

MUSSO

MEDIA(USB/iPod), Bluetooth, RADIO



- 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

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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 14.4V
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.
5. 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

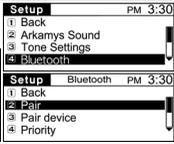
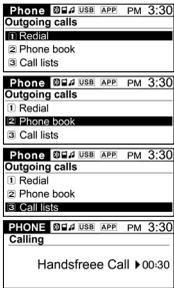
Button	Description
1 POWER VOLUME	<ol style="list-style-type: none"> Power On : Press briefly in power-off state. Power Off : Press and hold for more than 1.5sec. in power-on state. Mute : Press briefly in power-on state. Play : Press briefly in paused-state in USB/iPod, BT Audio mode. Pause : Press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

Button	Description
⑤ RADIO / AST	<ol style="list-style-type: none"> Band rotation(FM1 ➡ FM2 ➡ AM ➡ DAB) : Press briefly in radio mode. AST (Autostore) : Press and hold for more than 1.5sec. in radio mode. <ul style="list-style-type: none"> Save radio stations via preset buttons (1 ~ 6) automatically.
⑥ Preset (1 ~ 6) button	<ol style="list-style-type: none"> Listening : Press briefly on all radio bands (FM1, FM2, AM, DAB). Saving : Press and hold for more than 1.5sec. on all listening radio bands.
⑦ SCAN	<ol style="list-style-type: none"> Scanning : Press briefly, to listen to accessible frequencies sequentially for 10 seconds on all radio bands (FM1, FM2, AM). All DAB stations search : Press briefly on DAB band. TA ON/OFF (FM RDS/ DAB) : Press and hold for more than 1.5 sec. in FM RDS or DAB mode. .
⑧ MEDIA	<ol style="list-style-type: none"> Selection menu rotation : Press briefly in power-on state. <ul style="list-style-type: none"> USB/iPod ➡ BT Audio ➡ USB/iPod ➡ ... USB/iPod and BT Audio mode will be skipped when not available.

Button	Description
⑨ Call	<ol style="list-style-type: none"> Paired state : In power-on state. <ul style="list-style-type: none"> Calling Menu Access(Redial / Phonebook / Call lists) : Press briefly. Re-Dial : Press and hold for more than 1.5sec.. Unpaired state : In power-on state. <ul style="list-style-type: none"> Bluetooth pairing mode access : Press briefly. Bluetooth pairing with most recent phone : Press and hold for more than 1.5sec..
⑩ Hanging up	<ol style="list-style-type: none"> Hanging up (Calling state) : Press briefly. Disconnect the phone : Press and hold for more than 1.5sec..
⑥ - 1, 4 FOLDER UP / DOWN	<ol style="list-style-type: none"> Folder Up / Down (USB) : Press up / down button briefly. <ul style="list-style-type: none"> Press ENTER on desired folder. Preset memory button 1, 4 selection (Radio) : Press 1, 4 - FOLDER button.
⑥ - 2 REPEAT	<ol style="list-style-type: none"> Repeat mode rotation (USB/iPod) : Press briefly. <ul style="list-style-type: none"> One Repeat ➡ Folder Repeat ➡ Repeat Off ➡ ... Preset memory button 2 selection (Radio) : Press 2 - REPEAT button.
⑥ - 3 RANDOM	<ol style="list-style-type: none"> Random mode rotation (USB/iPod) : Press briefly. <ul style="list-style-type: none"> Folder Random ➡ All Random ➡ Random off ➡ ... Preset memory button 3 selection (Radio) : Press 3 - RANDOM button.
⑥ - 5 EQ	<ol style="list-style-type: none"> ARKAMYS sound mode rotation (USB/iPod , BT Audio) : Press briefly. <ul style="list-style-type: none"> Dynamic ➡ ARKAMYS off ➡ Natural ➡ ... Preset memory button 5 selection (Radio) : Press 5 - EQ button briefly.
⑥ - 6 INFO	<ol style="list-style-type: none"> Song information (USB/iPod) : Press briefly. <ul style="list-style-type: none"> Show Album, Artist, Title Preset memory button 6 selection (Radio) : Press 6 - INFO button briefly.

Using the Audio system

2. Calling and receiving calls via Handsfree

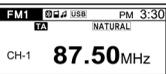
Mode & Button	Description & Display
1. Pairing Method  	1. Pairing via setup menu Press SETUP briefly in power-on state. ➔ SETUP ➔ Bluetooth ➔ Pair - Reference to "Setup - Bluetooth - Pair" menu. 2. Direct pairing access Press "Call on" button briefly. 
2. Pairing	1. Execute pairing preparation action according to chosen pairing method. (Radio). 2. Enable Bluetooth on mobile phone. (Phone) 3. Find the "MUSSO" in device list and select. (Phone) 4. Check certification no. and confirm. (Phone) 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) 6. When Bluetooth pairing is completed, Bluetooth logo, Handsfree icon, and Bluetooth streaming icons are displayed in the display window. (Radio) 
3. Making a Call 	1. Make a call with connected mobile phone - Last cal #1: Press and hold "Call" . - Last cal #2: Press "Call" briefly ➔ select Redial (press ENTER) 2. Search contacts via phonebook and make phone calls: Press "Call" briefly ➔ select Phonebook (press ENTER) ➔ Search contact to call with Enter dial ➔ press ENTER(End) 3. Search call-lists and make phone calls: Press "Call" briefly ➔ select Call lists (press ENTER) ➔ 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

Mode & Button	Description & Display
1. Connecting	It's possible to use Bluetooth audio streaming where audio and mobile phone are synchronized. • mobile phone sound source audio can be listened to by connecting to Bluetooth. - Reference to "Setup - Bluetooth" menu.
2. Play on 	Play: Press briefly again to select BT Audio mode. USB/iPod ➔ BT Audio ➔ USB/iPod ... • Artist / Song Title / Playing time for the file currently being played is changed on display. - When playing the mobile phone sound source that Bluetooth is connected to, audio can be listened to. 
3. Song change	Song change: Turn ENTER dial to change to previous or next song on mobile phone.
4. Pause/Play	Pause  / Play  : Press again briefly to "Pause" or "Play" mobile phone songs.

3. RDS for EU Region

Mode & Button	Description & Display
1. RDS 	<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 nationwide 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. <ul style="list-style-type: none"> ■ 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. • TP search : When TA ON 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
2. DAB    	<p>- Supports DAB BAND III digital broadcast reception.</p> <p>1. Select a band : Press the RADIO / AST button to switch to DAB band. ■ 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. <p>- 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.</p> 

■ Entering E-CALL mode for EU Region

E-CALL mode	<p>Note : Entering E-CALL mode for EU Region. When entering E-CALL mode 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

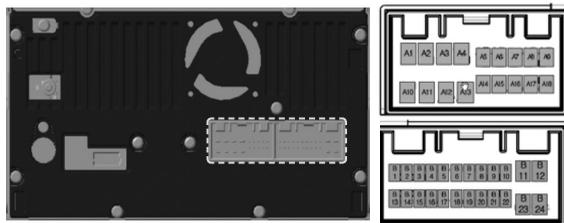
5. Steering wheel remote control

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



Button	Description
1 Volume Up/Down 	Volume control button 00(MIN)~41(MAX) * Volume up : Push up. * Volume down : Push down.
2 Mode 	1. Mode change : Press briefly in power-on state. * RADIO * USB / iPod * BT AUDIO * RADIO * ... * USB/iPod and BT Audio 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 * ...
3 Seek Up/Down 	1. Recall using preset memory 1~6 button (Radio) : Push up / down . 2. Track Up / Down (USB/iPod) : Push up / down.
4 Call ON 	1. Paired state : In power-on state. * Calling Menu Access(Re-dial / 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.
5 Call OFF / Mute 	1. Hanging up (Calling state) : Press briefly. 2. Disconnect the phone : Press and hold for more than 1.5sec.. 3. Mute (Radio) : Press briefly. 4. Pause (USB / iPod / BT Audio) : Press briefly.

6. REAR Connection (42-pin Connector)



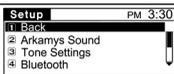
■ 42-pin Connector

A 1	Rear Left +	B 1	-	B13	-
A 2	Front Left +	B 2	-	B14	-
A 3	Front Right +	B 3	-	B15	-
A 4	Rear Right +	B 4	Steering Wheel controller	B16	SPEED information
A 5	-	B 5	-	B17	GND (Steering Wheel controller)
A 6	-	B 6	-	B18	-
A 7	-	B 7	-	B19	GND
A 8	Illumination +	B 8	-	B20	E-CALL
A 9	-	B 9	-	B21	-
A10	Rear Left -	B10	MIC +	B22	MIC -
A11	Front Left -	B11	ACC	B23	GND (MIC)
A12	Front Right -	B12	BATT +	B24	MAIN GND
A13	Rear Right -				
A14	-				
A15	-				
A16	-				
A17	Illumination -				
A18	Antenna Power				

Setup



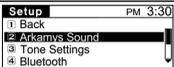
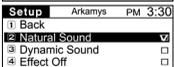
1. Entrance

Mode & Button	Description & Display
1. Entrance 	1. SETUP mode : Press briefly in power-on state. - Reference to each of "Setup" menu item. ⦿ ① Back / ② Arkamys Sound / ③ Tone settings / ④ Bluetooth ⦿ ⑤ System / ⑥ RDS / ⑦ DAB
	 

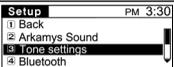
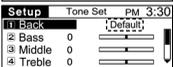
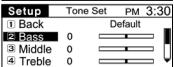
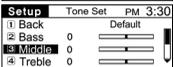
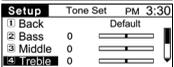
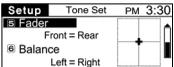
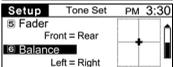
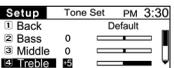
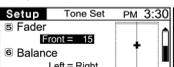
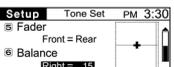
■ Setup menu settings

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

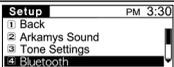
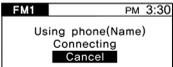
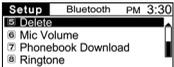
2. Arkamys sound

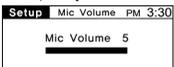
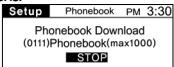
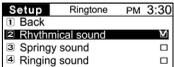
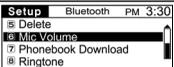
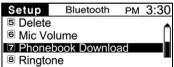
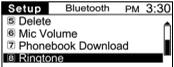
Mode & Button	Description & Display
2 Arkamys Sound	<p>Arkamys sound effect select (Default "Natural").</p> <p>➤ ① Back ➤ ② Natural ➤ ③ Dynamic ➤ ④ Effect off</p> <p>- Effect selection can be made using 5 / EQ button directly.</p> <p>- This button will operate preset NO. 5 in the radio mode.</p>   

3. Tone Settings

Mode & Button	Description & Display
3 Tone Settings	<p>Tone Settings menu selection.</p> <p>➤ ① Back ➤ ② Bass ➤ ③ Middle ➤ ④ Treble</p> <p>➤ ⑤ Fader ➤ ⑥ Balance</p> <p>① Back : Return to the Setup menu display. Default : Return to default state.</p> <p>② Bass : Select "Bass" (press "ENTER") ➤ Set Bass effect value.</p> <p>③ Middle : Select "Middle" (press "ENTER") ➤ Set Middle effect value.</p> <p>④ Treble : Select "Treble" (press "ENTER") ➤ Set Treble effect value. - Each of effect value range can be controlled from "5" to "+5" using "ENTER" dial.</p>       <p>⑤ Fader : Select "Fader" (press "ENTER") ➤ Set Fader effect value.</p> <p>⑥ Balance : Select "Balance" (press "ENTER") ➤ Set Balance effect value. - Each of effect value range can be controlled from "01" to "+15" using "ENTER" dial.</p>        

4. Bluetooth

Mode & Button	Description & Display
4 Bluetooth	<p>Bluetooth menu selection.</p> <ul style="list-style-type: none"> 1 Back 2 Pair 3 Pair device 4 Priority 5 Delete 6 Mic volume 7 Phonebook download 8 Ringtone <p>1 Back : Return to Setup menu display.</p> <p>2 Pair : Select "Pair" (press "ENTER") → Enter pairing mode.</p>  <p>3 Pair device : Select "Pair device" (press "ENTER") → Select one device from paired device lists 2, 3.</p>  <p>4 Priority : Select "Priority" (press "ENTER") → Select device 2, 3 with top priority when reconnected. → Connect automatically when power next turned on.</p> <p>5 Delete : Select "Delete" (press "ENTER") → Delete selected devices.</p> 

Mode & Button	Description & Display
4 Bluetooth	<p>6 Mic volume control : Select "Mic volume" (press "ENTER") → Adjust MIC volume from "1" to "5" (default 3).</p>  <p>7 Phonebook download : Select "Phonebook download" (press "ENTER") → Download phonebook from connected phone.</p>  <p>8 Ringtone control : Select "Ringtone" (press "ENTER") → Select desired ringtone.</p>    

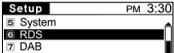
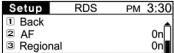
5. System

Mode & Button	Description & Display
5 System	<p>System settings menu selection.</p> <ul style="list-style-type: none"> ➤ 1 Back ➤ 2 Time ➤ 3 Languages ➤ 4 Auto volume control ➤ 5 System information <p>1 Back : Return to Setup menu display.</p> <p>2 Time : Select "Time" (press "ENTER")</p> <p>1 Back : Return to the System settings menu display.</p> <p>2 Set Time : ➤ 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> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;"> <p>Setup Set time PM 3:30</p> <p>3:00 PM</p> </div> <div style="border: 1px solid black; padding: 2px;"> <p>Setup Set time PM 3:30</p> <p>3:30 PM</p> </div> </div> <p>3 Set time format : ➤ Select "Set time format" (press "ENTER") - Press "ENTER" repeatedly, setting "12H or 24H" time format.</p> <div style="border: 1px solid black; padding: 2px;"> <p>Setup Time PM 3:30</p> <p>1 Back</p> <p>2 Set time</p> <p>3 Set time format 12h</p> <p>4 Display clock On</p> </div> <p>4 Display Clock : ➤ Select "Display Clock" (press "ENTER") - Press "ENTER" repeatedly, setting Display Clock "On or Off" - Set the dock display to be visible or invisible in power-off state. (In no-dock mode, LCD back lighting is turned off).</p> <div style="border: 1px solid black; padding: 2px;"> <p>Setup Time PM 3:30</p> <p>1 Back</p> <p>2 Set time</p> <p>3 Set time format 12h</p> <p>4 Display clock On</p> </div>

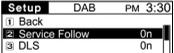
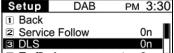
Mode & Button	Description & Display
5 System	<p>3 Languages : Select system language. Select "Languages" (press "ENTER") ➤ 1 Back ➤ 2 English ➤ 3 Turkish - Press "ENTER" to choose either English or Turkish setting.</p> <div style="border: 1px solid black; padding: 2px;"> <p>Setup System PM 3:30</p> <p>1 Back</p> <p>2 Time</p> <p>3 Languages</p> <p>4 Auto volume control</p> </div> <p>1 Back : Return to the System settings menu display.</p> <p>2 OFF : No effect.</p> <p>3 Low : Compensated volume level low.</p> <p>4 Medium : Compensated volume level medium.</p> <p>5 High : Compensated volume level high. - Press "ENTER" to set compensated volume level.</p> <p>5 System information : - Shows applied software version information (CPU Ver. / Date / Arkamys Ver. / LID Ver. / EEPROM).</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;"> <p>Setup System info PM 3:30</p> <p>CPU Ver : Q200 KOR 0.93</p> <p>Date : 2017/11/08</p> <p>Arkamys Ver : 0.07</p> <p>LID Ver : V0.11</p> </div> <div style="border: 1px solid black; padding: 2px;"> <p>Setup System info PM 3:30</p> <p>EEPROM : 783A8765</p> </div> </div>

Setup

6. RDS for EU Region

Mode & Button	Description & Display
6 RDS Settings	<p>RDS Settings : RDS Settings menu selection.</p> <p>■ Back ■ AF ■ Regional ■ PTY ■ Traffic Announcement ■ Clock Synchronization</p> <p>① Back : Return to Setup menu display. ② AF : AF operation On/Off selection (Default On). ③ Regional : Regional AF operation On/Off selection (Default Off). ④ PTY : Program type selection menu.</p>  <p>⑤ Traffic Announcement : TA On/Off selection (Default On). ⑥ Clock Synchronization : RDS data clock synchronization On/Off selection (Default On).</p>     

7. DAB for EU Region

Mode & Button	Description & Display
7 DAB Settings	<p>DAB Settings : DAB Settings menu selection.</p> <p>■ Back ■ Service Follow ■ DLS ■ Traffic Announcement ■ Calling time shift</p> <p>① Back : Return to Setup menu display. ② Service Follow : DAB to FM service follow operation On/Off selection when DAB reception status is poor (Default On). ③ DLS : DAB text information display On/Off selection (Default On). ④ Traffic Announcement : TA On/Off selection (Default On). ⑤ Calling time shift : Time shift function during short term Bluetooth call On/Off selection (Default Off).</p>     

Product Specification

Certification

E11	10R-059939	FCC	2AE77DGU2040Q2001
CE	MOV013-1A	ANATEL	05478-17-02534
RoHS	CA17ROHS022	SUBTEL	10740
Bluetooth	D036858	SRRC	2017DJ5294
FAC	Д-МДРД-5005	RCM	RCM000-973
CU	0597039		

CMIIT ID : 2017DJ5294
FCC ID : 2AE77DGU2040Q2001



05478-17-02534



Car Audio

Power Supply	DC 14.4V
Operating Voltage	9V ~ 16V
Current consumption	4.5A (at Max Power)
Operating Temp.	-30°C ~ 75°C
Storage Temp.	-40°C ~ 85°C
Dimension	Face Plate : 278.4x175.5x60.1mm SBX : 178x138x102mm
Weight	1.96Kg
Display Resolution	270x100

Radio

Frequency Range	FM : 87.5 ~ 108.0MHz 100kHz step
- 1. General Region	AM : 531 ~ 1602kHz 9kHz step
- 2. EU Region	FM : 87.5 ~ 108.0MHz 100kHz step (Manual 50kHz step) 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

The logo features the word "SSANGYONG" in a bold, white, sans-serif font. It is set against a dark grey horizontal bar that has a gradient effect, fading from left to right. To the left of the bar, there are several horizontal white lines of varying lengths, creating a stylized, motion-like graphic.

SSANGYONG

Owner's manual for *CAR AUDIO*