



NAM5230-A7

User Manual



7" HD ANDROID RECEIVER

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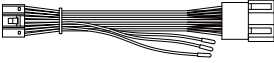
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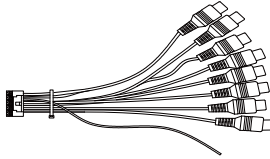
ACCESSORY LIST

Please check the following accessories after opening the package.

Power Cable x1



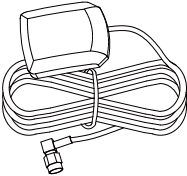
20P RCA Cable x1



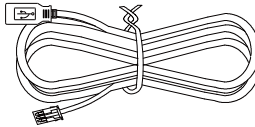
WIFI/BT/Camera Cable x1



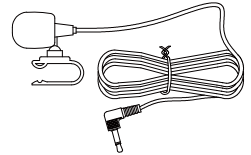
GPS Antenna x1



6P USB Cable x1



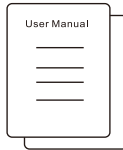
Microphone x1



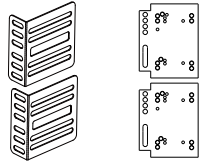
M5x8 Screw x8



User Manual x1



Mounting bracket x4



WARNING & PRECATION

To avoid risk of serious injury or possible violation of laws, please read the following thoroughly before installation or connecting.



This symbol means important ban. Failure to heed them can result in serious injury or death.



This symbol mean important instructions. Failure to heed them can result in injury or material property damage.



Having the wiring and installation done by expert. The wiring and installation of this unit requires special technical skill and experience. To ensure the safety, always connect the dealer where you purchased this product to have the work done.



Do not watch video or operate the unit while driving.



Be sure to use specified accessory parts and install them securely.



Do not install in location which may hide vehicle operation, such as steering wheel or gearshift or cover of airbag .



Be sure to use the correct ampere rating when replace fuses. Failure to do so may result in fire of electric shorts.



Do not touch antenna or any plugs while in thunder storm to avoid electric shock.



Be sure to disconnect the cable from the negative battery terminal wile installation. Failure to do so may result in electric shock or injury due to electrical shorts.



Do not damage wiring. Failure to do so may result in electric shock or fire due to electrical shorts.



Be sure to connect 'Parking Break' lead so that the driver can not watch the video unless the vehicle is stopped. Failure to do so may result in traffic accident or violation of laws.



Do not install in locations with in high moisture or dusty. Moisture or dusty that penetrate into this unit may result in product failure.

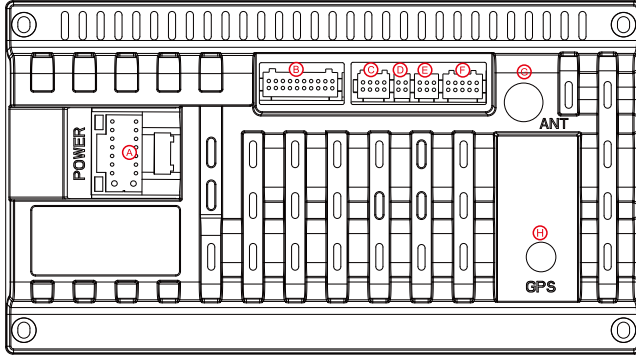


Be sure to check the installation of antenna regular. Antenna droppng may result in an accident while the vehicle is running.

PRODUCT FEATURES

System	NK12.0
CPU	Cortex-A53
Display	7" 1024x600 IPS
Screen brightness	500 nit
Touch Panel	Capacitive
Camera input	AHD 720P
MirrorPhone	Support
ASP	Built-in
Picture-in Picture	Support
4G Network	No Support
USB DVR	Support
Flash	32GB
EQ band	12
EQ Preset	10
GPS	Built-in
Key Illumination	Multi Color
Radio	18 FM, 12 AM, RDS
Amplifier	Max Power 4chx50W
Bluetooth Music	Yes
WLAN	2.4G
Video Output	Optional
Subwoofer Output	Yes
Subwoofer Control	No
Bass boost	No
Microphone Jack	Yes
RCA Input	Video x1 ,Audio x2
RCA Output	Audio x5
Pre-Output Level	5Ch x2V
Video Playback	H.264/WMV/MP4/AVI/MKV
Audio Playback	MP3/WMA/AAC/FLAC/WAV

WIRING CONNECTION



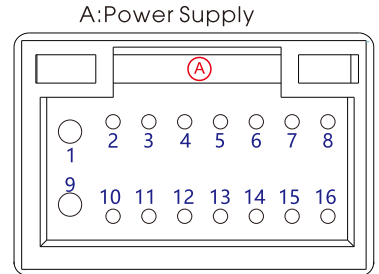
Interface

- A: Power Supply
- B: Input/Output
- C: Canbus
- D: N/A
- E: 6P USB
- F: Camera Input
- G: Radio Antenna
- H: GPS Antenna

B: Input/Output		
Label	Color	Name
AUX IN	Yellow	Video Input
AUX IN_L	White	Audio Left Input
AUX IN_R	Red	Audio Right Input
FL_OUT	White	Audio Front Left Output
FR_OUT	Red	Audio Front Right Output
SUB_OUT	Blue	Audio Subwoofer Output
MIC	Black	External Microphone Port
AMP_CTRL	Blue	Amplifier Control Wire

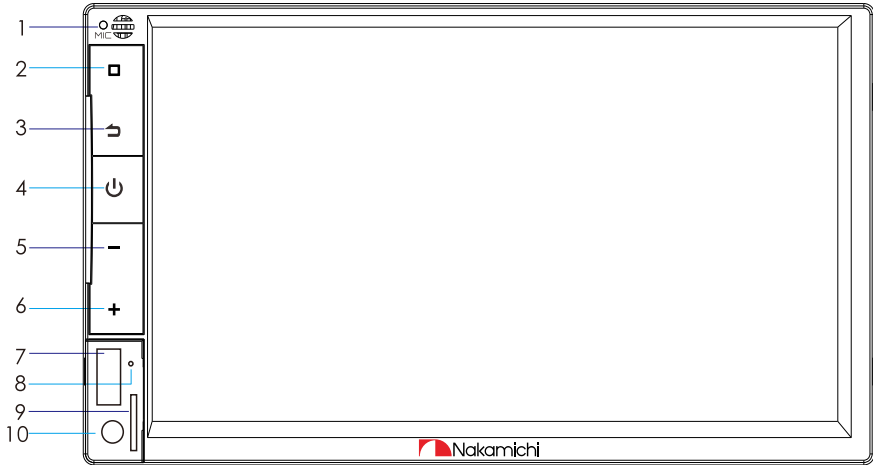
C: Canbus		
Label	Color	Name
RL-OUT	White	Audio Rear Left Output
RR-OUT	Red	Audio Rear Right Output
CAN RX/TX	Green	Can Bus Box Interface

G: Camera Input		
Label	Color	Name
BRAKE	White	Wifi Antenna
B.CAMERA	White	Brake Detection Wire
	Yellow	Back Camera Input
	White	Bluetooth Antenna



A: Power Supply			
Pin	Name	Pin	Name
A1	Ground Wire	A9	Battery Wire
A2	Ignition Wire	A10	Lamp Control Wire
A3	Reverse Detection	A11	SWC2
A4	SWC1	A12	Amplifier Control Wire
A5	Front Right Speaker-	A13	Rear Left Speaker-
A6	Front Right Speaker+	A14	Rear Left Speaker+
A7	Front Left Speaker-	A15	Rear Right Speaker+
A8	Front Left Speaker+	A16	Rear Right Speaker-

PANEL OPERATION

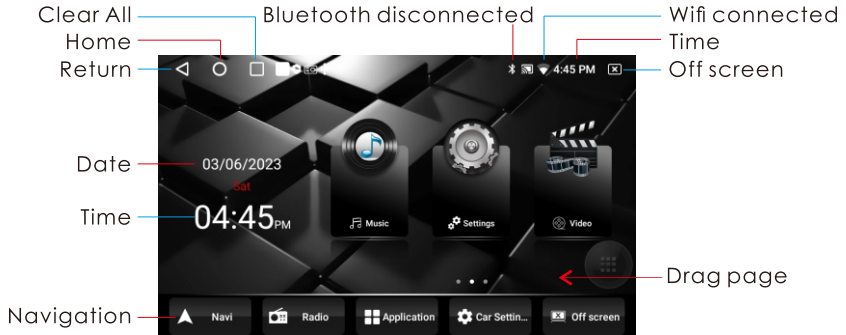


Function Operations & Controls

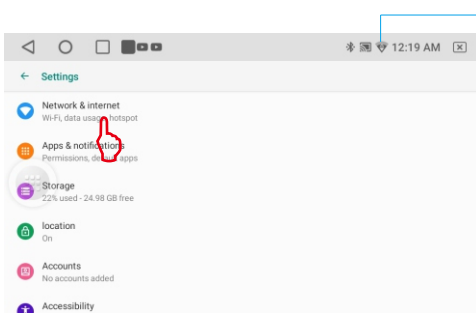
1. MIC Voice window
2. □ Press to enter main menu.
3. ↶ Press to back to previous.
4. ⏻ In the power-on state:
Press to Mute.
Press and hold for more than 5 seconds to turn off the screen.
5. - Short press to increase volume.
6. + Short press to decrease volume.
7. USB USB interface
8. Reset Press with a pointed object (such as a ball point) to reset the unit to its initial setting by the factory (default stage).
9. TF Card TF Card interface
10. AUX AUX INPUT

HOMEPAGE OPERATION


Press [] on the panel to enter the homepage, the homepage is displayed as follows:




WIFI CONNECTION

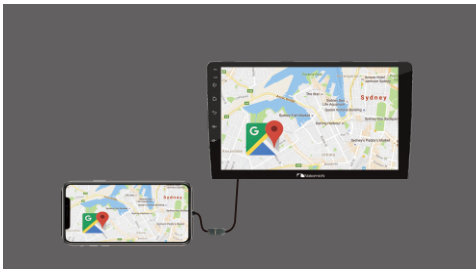


Wifi connected

1. Press [] to enter the homepage.
2. Click [Settings] to select [Network & internet].
3. Click [Wi-Fi] to search for wireless networks.
4. Click the required network input password to connect.

PHONELINK OPERATION

1. Press [] to enter the homepage.
2. Click [Carbitlink] to enter the phonelink interface.



iPhone connection

Connect with USB cable.

Android phone connection

1. Connect with USB cable.
2. Download and install carbitLink.
3. Open CarbitLink connect mobile phone.

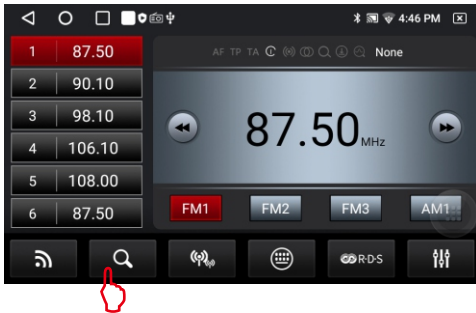
RADIO OPERATION


Radio Interface

1. Press [] to enter the homepage. 2. Click [Radio] to enter the radio interface.




Automatically Search | Manual Search



1. Press [] to enter the homepage.
2. Click [Radio] to enter the radio interface.

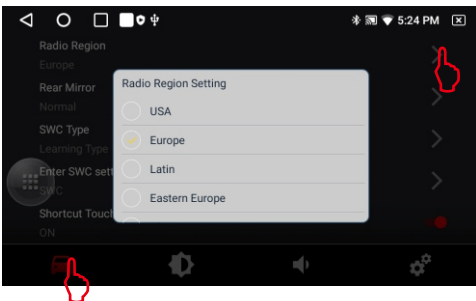
Automatically search




Click [] to enter automatic search and storage.

Manual search

Click [] or [] to the manual search

Radio Settings



1. Press [] to enter the homepage.
2. Click [] to select [].
3. Click [Radio Region] to enter the radio region select.

Remarks:

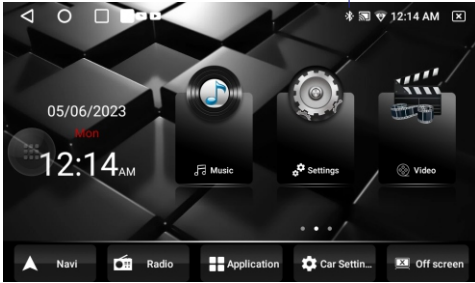
When the radio area is not correct, the radio station cannot be listened to and the reception is reduced.

RDS Function

RDS will allow you to display information such as traffic status, radio station name and more. The unit can automatically switch to the strongest station based on the similar program.

BLUETOOTH OPERATION

Bluetooth Pairing Connection

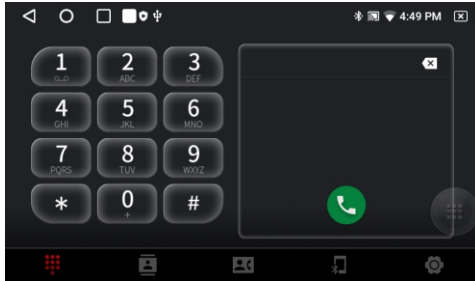


Bluetooth connected

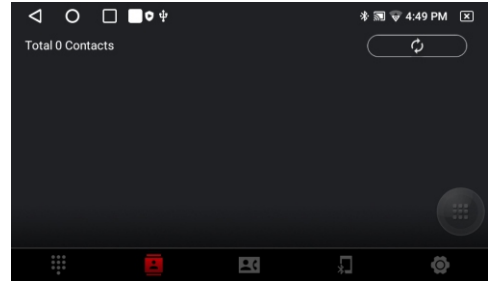
The first time pair mobile phone with AV receiver, please follow below steps:

1. Turn on your phone's Bluetooth to search Device name: NAM5230-A7
2. Click [NAM5230-A7] to connect.

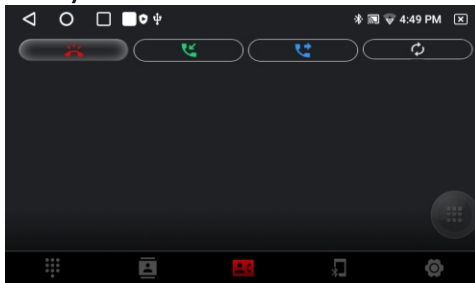
Bluetooth Call



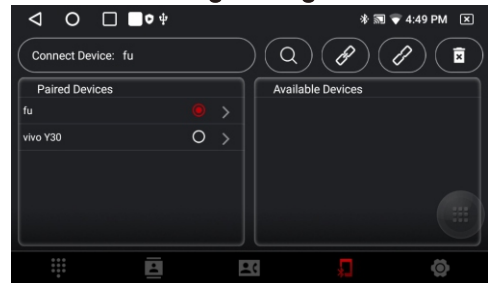
Phone Book



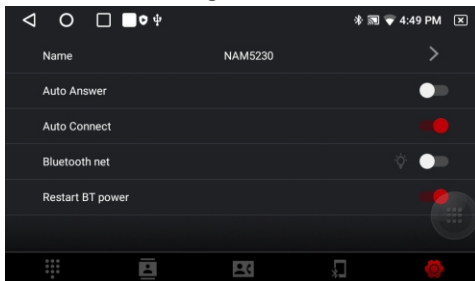
History Call Record



Bluetooth Pairing Settings



Bluetooth Settings

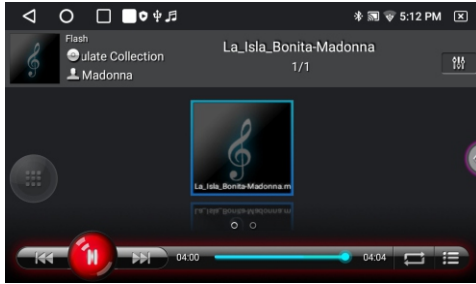


PLAYBACK OPERATION

Music Playback

1.Press [] to enter the homepage. 2.Click [Music] to enter the music playback.

Music playback interface









-  Previous Track
-  Play/Pause
-  Next Track
-  Repeat Playback
-  Playlist
-  EQ Settings

Video Playback



1.Press [] to enter the homepage. 2.Click [Video] to enter the video playback.

Video playback interface







-  Previous Video
-  Play/Pause
-  Next Video
-  Repeat Playback
-  Playlist
-  EQ Settings

Picture Playback


1.Press [] to enter the homepage.
2.Click [] to enter the Second interface.
3.Click [Image] to enter the picture playback.



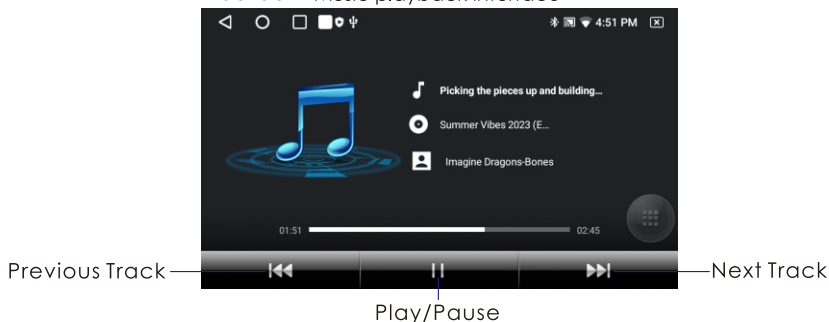
-  Atur wallpaper
-  Mainkan/jeda
-  Berputar
-  Hapus

EQ OPERATION


Bluetooth Music Playback

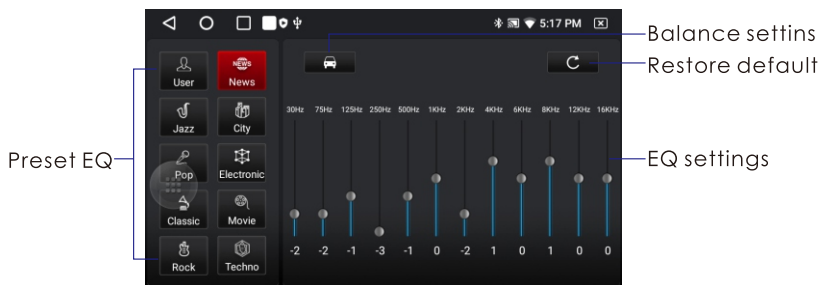
1. Press [] to enter the homepage.
2. Click [BT Music] to enter the bluetooth music playback.

Bluetooth Music playback interface




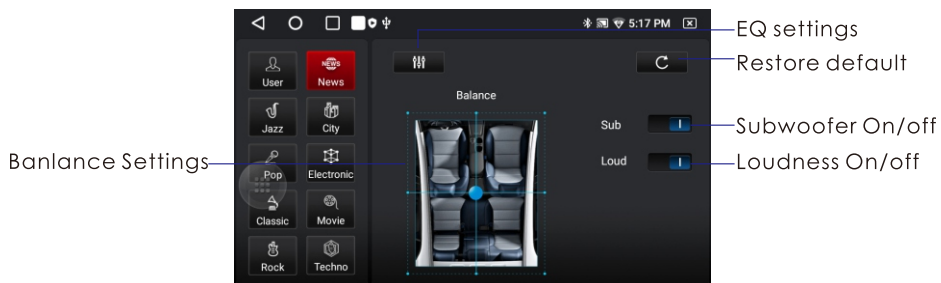
EQ Settings

1. Press [] to enter the homepage.
2. Click [EQ] to enter the EQ Settings Interface.



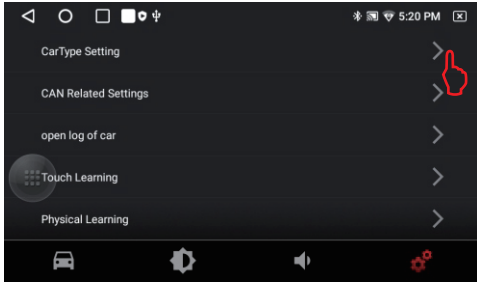
Banlance Settings




1. Press [] to enter the homepage.
2. Click [EQ] to enter the EQ Settings Interface.



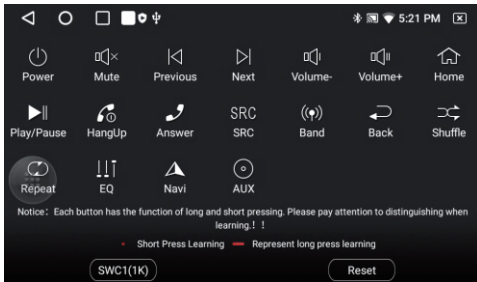
SETTINGS




Can Bus Settings



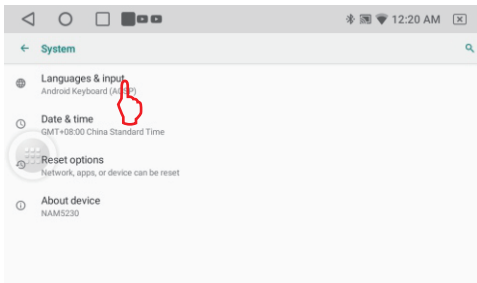
1. Press [] to enter the homepage.
 2. Click [] to select []. Password is 1948.
 3. Click [CarType Setting] to enter the can bus interface.
 4. Select canbus box factory and corresponding car model.
- Remark: Some models require canbus boxes to display information such as air conditioning.


Steering Wheel Learning



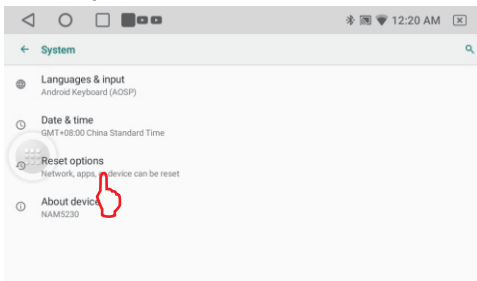
1. Press [] to enter the homepage.
2. Click [] to select [].
3. Click [Enetr SWC setting interface] to select [Reset].
4. Touch the function on the display.
5. Push the button on the steering wheel.
6. Key learning succeeds, proceed to the next key operation.


Language selection




1. Press [] to enter the homepage.
2. Click [Settings] to select [System].
3. Click [Languages & input] to select [Languages].
4. Click [+] add the required language.
5. Drag the required language to 1.

Factory Reset



1. Press [] to enter the homepage.
2. Click [Settings] to select [System].
3. Click [Reset options] to select [Erase all data (factory reset)]

TROUBLE SHOOTING

Not turn on	A fuse is blown	Replace fuse
	Cable connection problem	Reconnect the cable
Radio signal is weak	Occluded by objects	Move to another location
	Antenna connection problem	Rewire the radio antenna
GPS signal is weak	Occluded by objects	Move to another location
	Antenna connection problem	Rewire the GPS antenna
Wifi signal is weak	Wi-fi antenna not connected	Plug in the WIFI antenna In position F
	Too far	Change position
Bluetooth signal that weak	BT antenna not connected	Plug in BT antennas In position F
	Too far	Change position
System stuck	Too many apps that opened	Click to [] close application
	Insufficient storage space	Uninstall the app or clear the storage space
	Systems crash	Push the RST panel button With a pointed object
Bluetooth telephone is not good	Microphone is too far away	Lean into the microphone
		Change microphone position
Music can't be played	Unsupported audio format	Change the music
No video	Brake cable is not connected	Reconnect the brake cable
Unable to play this video	Unsupported video format	Change the video or convert the format
Mirrorphone no sound	Bluetooth is not connected	Bluetooth connection

SPECIFICATION

General

Operation Voltage: 14.4V(10.5-16V)
Operating Temperature: -10°C - +60°C
Storage Temperature: -20°C - +70°C
Product size: 178x100x42mm

System

Operating system: NK12.0
Flash : 32GB

Radio

FM Frequency Range: 87.5-108.0MHZ
MW Frequency Range: 522-1620KHZ

Bluetooth

Communication System: BT4.2+EDR
Output: BT Standard Power 2 Class
Max Communication Range: 5m
Frequency Band: 2.4GHz

USB Interface

USB: Readable/ Chargeable
(5±0.25V/1A)

Audio

Max Power: 4X50W
Front Output(V): 4V/10KΩ
Pre-output impedance: ≤600Ω
Speakers impedance: 4-8Ω

TFT Screen Item

LCD Size:7 inch
Resolution:1024x600 IPS
Contrast ratio: 500
Brightness:500nit

Video

External Video Input System:
NTSC/PAL/SECAM
External Video Input: 1VP-P/75Ω

Video Format

H264/ MP4/ AVI/ MKV/ FLV

Audio Format

MP3/APE/AAC/FLAC

Note:

Specification and design; functions and features; unit illumination; colour and display segment are subject to change without prior notice. Photos and drawings on gift box or operation manual might be varied from the exact unit. Depends on the input devices operation might be varied from the operation manual described.



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FOR COMPLETE AUDIO SETTINGS INSTRUCTIONS

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