



NA1600 AV Media Receiver User Manual



Enjoy the Lifestyle of In-Car Entertainment

CONTENTS

Contents

Thank you for purchasing a Nakamichi products.

Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

INTRODUCTIONS

Overview the unit.....	2
Get Started	3
Basic operations	4

AV MEDIA

Listening to the radio.....	5
USB Smart Phone 1A Charge.....	6
Playing of Music.....	7
Enjoying the movie.....	8
Viewing the photo.....	9

AUDIO ADJUSTMENT

Speaker/Subwoofer.....	10
Equalizer.....	11

BLUETOOTH

Using bluetooth.....	12
----------------------	----

EXTERNAL BOX

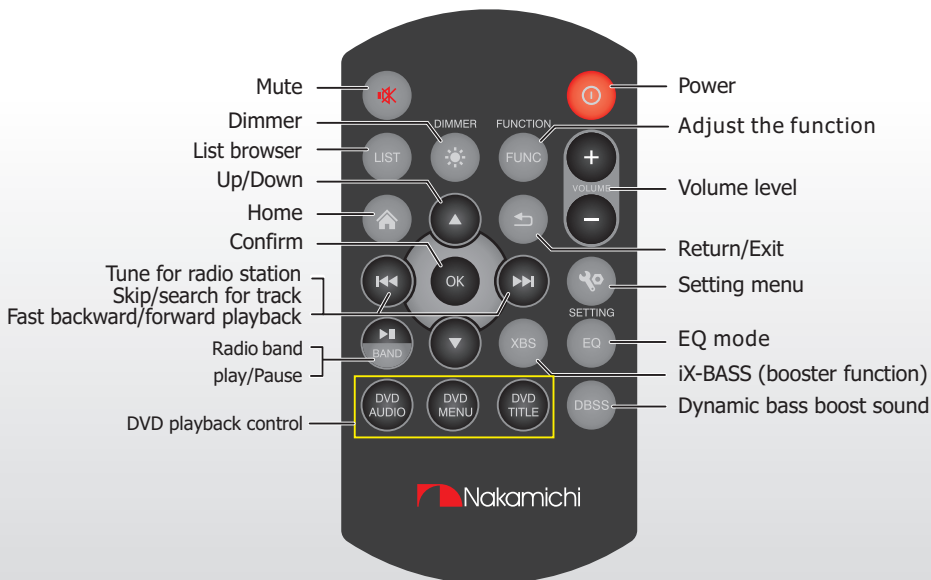
Mirror Phone/Analog TV/DVBT Box.....	13
--------------------------------------	----

REFERENCE

Specifications.....	14
---------------------	----

INTRODUCTIONS

Overview the unit

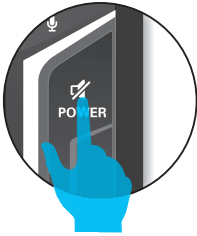


INTRODUCTIONS

Get started

Please select the suitable Language & country/region for this unit, otherwise the unit can not work properly.

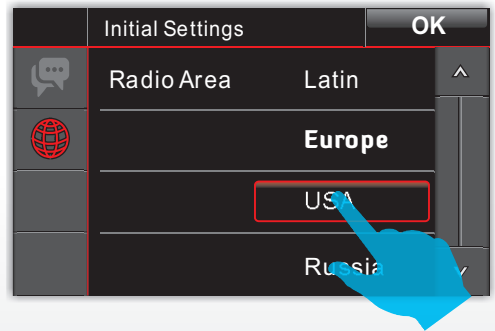
1. Press this button to power On the unit, The available OSD are displayed.



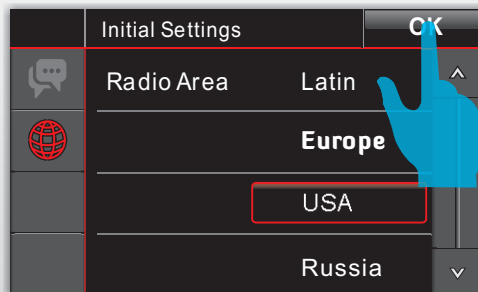
2. Tap to select suitable a language



3. Tap to select suitable a country /region



4. Tap OK button to confirm



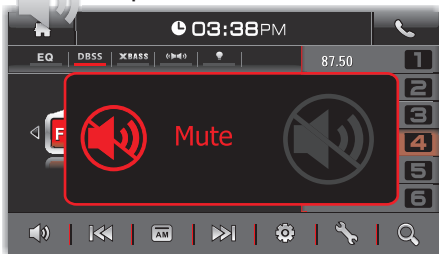
INTRODUCTIONS

Basic operations

Access to HOME



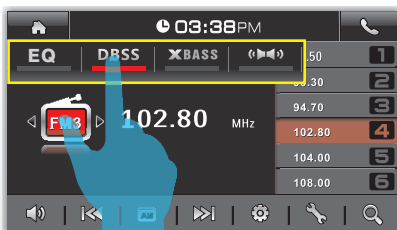
Tap to MUTE



Access to CLOCK



Audio Control



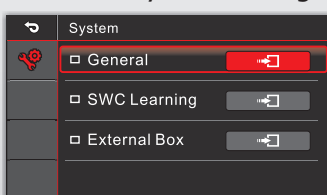
Adjust the dimmer level



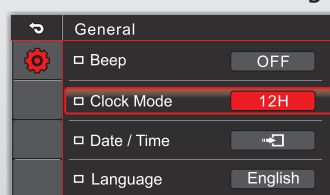
Access to Setup Menu



Access to system settings



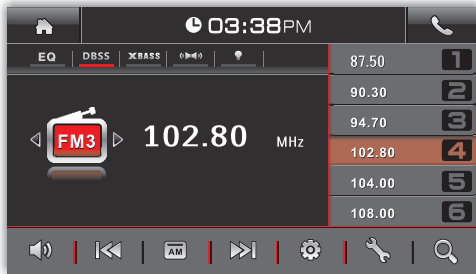
Access to General settings



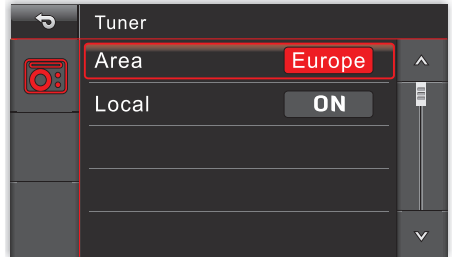
AV MEDIA

Listening to the radio

Tap on  button on the TFT screen access into the tuner function.



Tap on  button into the Tuner Function menu.



Press to AUTO SEEK
Press and hold to MANUAL SEEK



Tap BAND to change to FM or AM

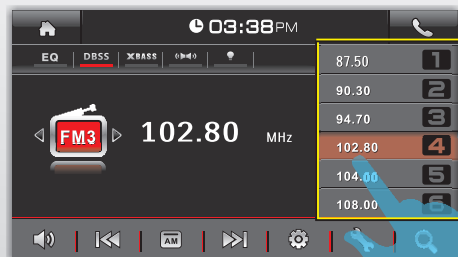


or

Tap to Auto Store



Press and hold to Store stations

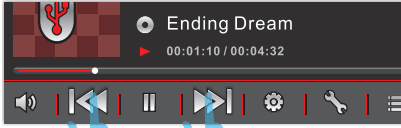


Preset List

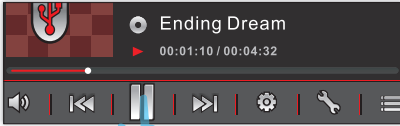
AV MEDIA

Playing of Music

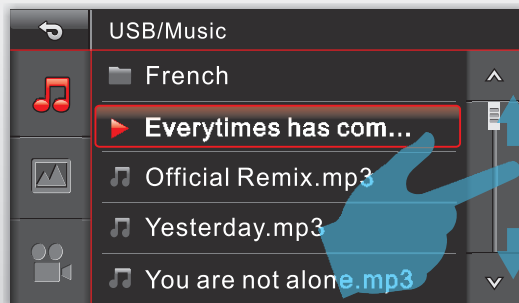
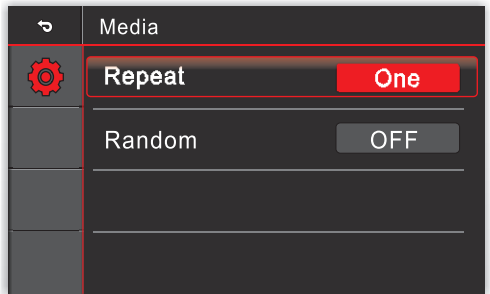
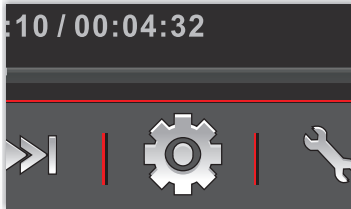
Tap UP/DOWN



Tap PLAY/PAUSE



Adjust the different REPEAT mode

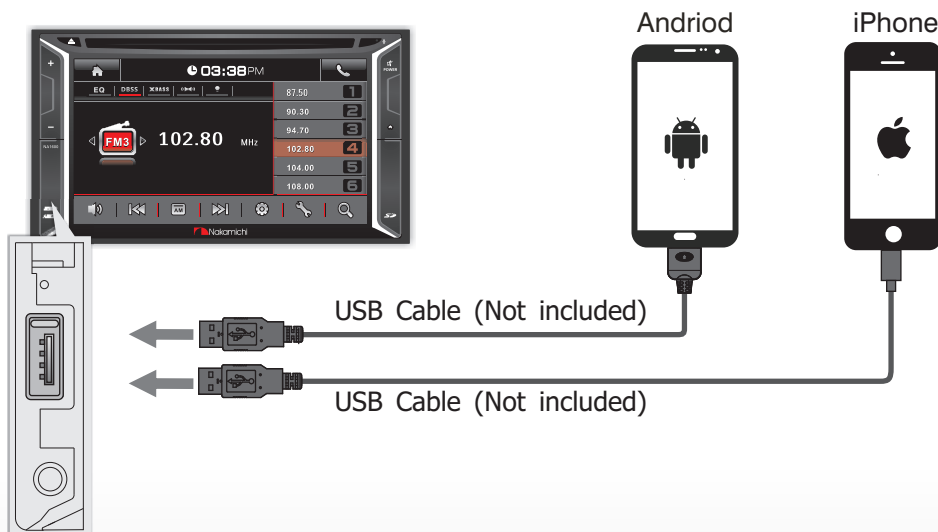


Quick Browser


USB Smart Phone 1A Charge

This unit can support USB Smart Phone 1A Charge.

- Open the USB Socket cover to left.
- Insert the iPhone or Smart Phone device into the USB socket.
- Once is recognized, the iPhone or Smart Phone begins to charge.

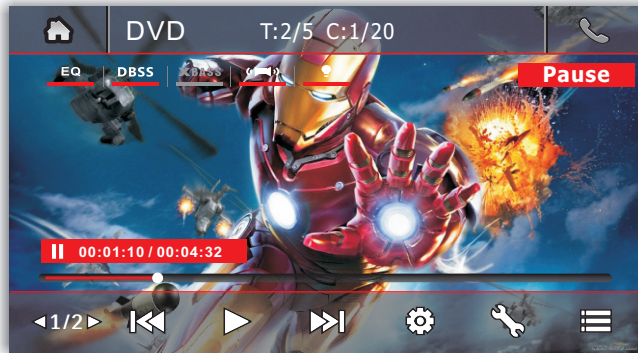











TIPS

1. The device only can charge Phones, but cannot play or decode music files stores inside the Smart Phones.
2. Connect the desire playback device USB to the USB socket, access to the HOME, then tap the  to start playback mode.

AV MEDIA

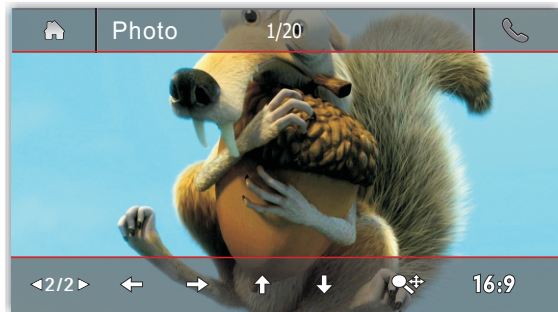
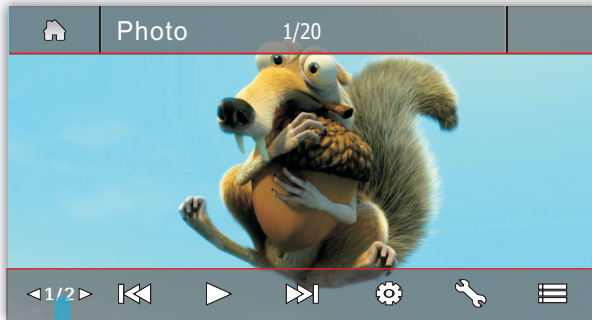
Enjoying the movie



	Home menu
1/2 2/2	Change function bar
	Previous, Pause /Play, Next
	Media function menu.
	access to system menu
	Top Menu or Browser
	Select the audio type. (For DVD-VR:Select the audio channel)
	Repeat playback mode
GOTO	Access into the search mode (DVD only).
	Up/Down/Left/Right
	Zoom the video & photo
4:3 16:9	Select aspect ratio

AV MEDIA

Viewing the photo

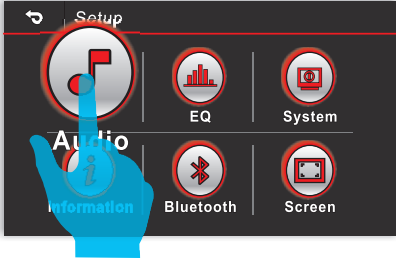


1/2 2/2	Change function bar
☰	Top Menu or Browser
←	Move left the zooming frame
↑	Move up the zooming frame
↓	Move down the zooming frame
→	Move right the zooming frame
🔍+	Zoom the photo

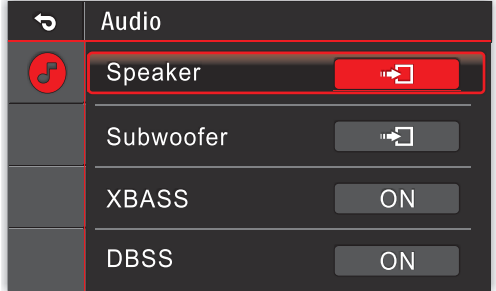
AUDIO ADJUSTMENT

Speaker/Subwoofer

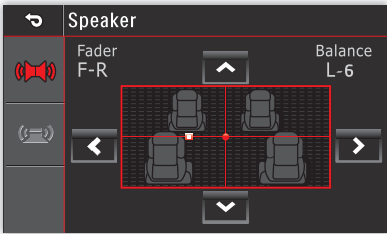
Access to System Menu



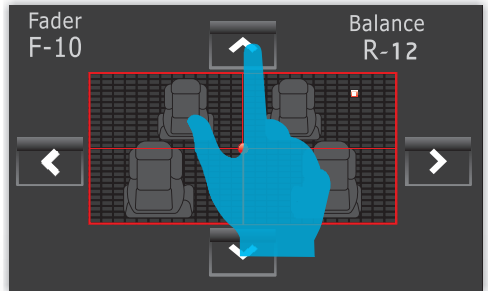
Access to Audio Menu



Speaker settings

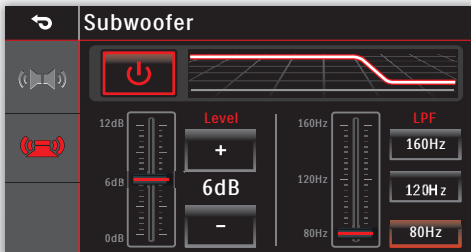


Adjust Fader/Balance Value From -12 to +12



SUB-WOOFER settings

Touch to turn On / Off the subwoofer
Tap on buttons to adjust value of subwoofer level.



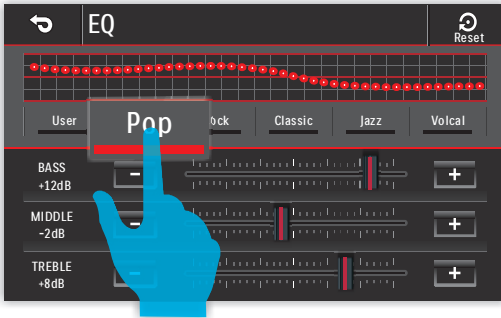
Low Pass Filter Transfer Function



AUDIO ADJUSTMENT

Equalizer

6 Preset EQUALIZER

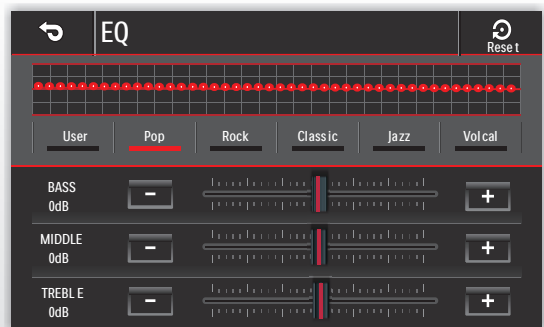
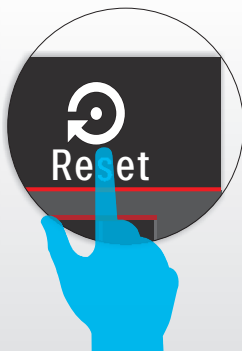


Tap on **+/-** button to adjust the level:

- [BASS]: bass level range -15dB to +15dB.
- [MIDDLE]: middle level range -15dB to +15dB.
- [TREBLE]: treble level range -15dB to +15dB.



 Resume to factory default value



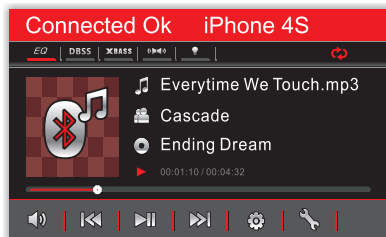
BLUETOOTH

Using bluetooth

How to pair & connect device ?

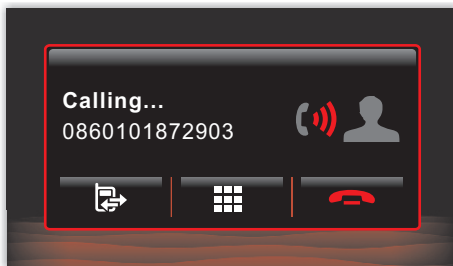
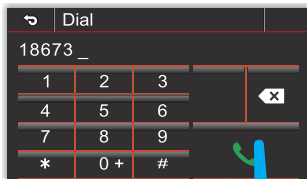


Pairing code "0000"

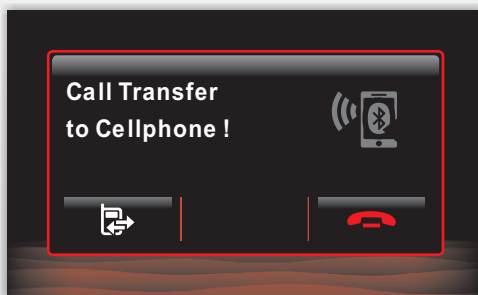
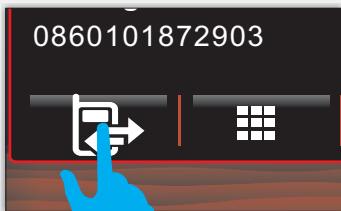


Connecting

Making A Call



Call Transfer



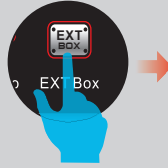
External Box

Mirror Phone/Analog TV/DVBT Box

This unit can support connecting the External box: Mirror Phone Box / Analog TV Box / DVBT Box.

TIPS

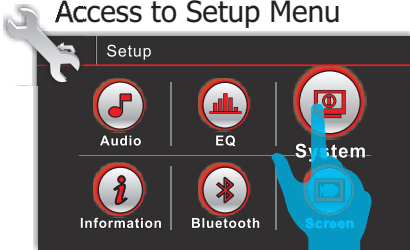
Before operating the External Box function, please go to Setup Menu to select proper type of the external box.



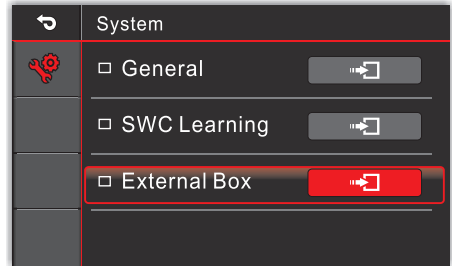
To enable the external box

Please access
Setup/System/External Box
for select proper type
of the external box

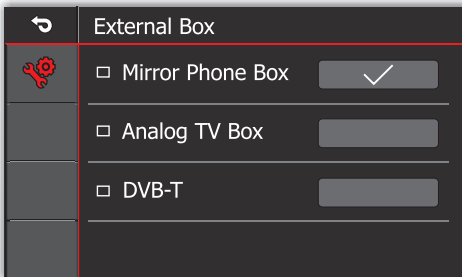
Access to Setup Menu



Access to System Menu



To select proper type mode



TIPS

1. Access to HOME, tap or to active the Mirror Phone Box / Analog TV / DVBT function.
2. For the detailed operation of each mode, please refer the User Guide.

REFERENCE

Specifications

TFT Monitor section

Screen Size	:6.2 inches
Display Resolution	:800x480 dots
Contrast Ratio	:500

Disc player section

Disc System	:DVD/CD/VCD
Disc Diameter	:12cm
Frequency Response	:20Hz - 20kHz
Signal/Noise Ratio	:>75 dB
Total Harmonic Distortion	:Less than 0.3%
Channel Separation	:>55 dB
Video Signal Format	:NTSC/PAL
Video Output	:1 +/-0.2V p-p

USB interface section

USB Standard	:USB 2.0 Full Speed
File System	:FAT 16/32
Maximum Current	:DC 5V= 1A
D/A Converter	:24Bit
Video Decoder	:MPEG1/MPEG2
Audio Decoder	:MP3

Memory Card section

Memory Cards	:SD/SDHC
Maximum Capacity	:32G

Bluetooth section

Communication System	: Bluetooth Standard version 2.0
Output	: Bluetooth Standard Power Class 2
Maximum Communication Range	: Approx. 5meters
Frequency Band	: 2.4 GHz
Compatible Bluetooth Profiles	: HFP/HSP/A2DP/AVRCP
Supported Codecs	: SBC (Sub Band Codec)

Radio section

Frequency FM range	: 87.9 - 107.9 MHz
Frequency AM(MW) range	: 530-1710 KHz
Usable sensitivity	: 2 μ V (FM) : 80 μ V (AM)(MW)

Video section

Color System of	: NTSC/PAL/SCEAM
External Video Input	
External Video Input (RCA/3.5m Jack)	: 1 Vp-p /75 Ω

Audio section

Maximum Power	: 50Wx4
Continuous Power Output (RMS)	: 22 Wx4
Preout Level (V)	: 2 V/10k Ω
Preout Impedance	: \leq 600 Ω
Speaker Impedance	: 4-8 Ω
External Audio Input Level (RCA)	: 1 V/10K Ω
External Audio Input Level (3.5mm Jack)	: 600mv/10K Ω (<1%THD)

General

Operating Voltage	: 14.4V(10.5-16 V)
Dimension(WxHxD)	: 178x102x172mm
Operational Temperature Range	: -10 $^{\circ}$ C--+60 $^{\circ}$ C
Weight	: 1.93 kg



Design and specifications are subject to change
without notice

© 2015 Nakamichi
www.nakamichicaraudio.com

