Nakamichi®

NA1550
AV Media Receiver
User Manual

NA1550

Enjoy the Lifestyle of In-Car Entertainment

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

AV MEDIA

AUDIO ADJUSTMENT

BLUETOOTH

MIRROR PHONE

REFERENCE

What's in the box

①

②

③

④

⑤

⑥

⑦

⑧

Check and identify the contents of the package:

1 Main unit

2 Trim plate
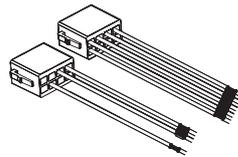
3 ISO male connector X 2

4 Remote control & battery

5 Hexagon head screw

6 Screw X 4 (M5 x8mm)

7 Rubber cushion

8 User manual

Installation

The following illustration shows a typical installation. If you have any question or require information regarding installation kits, consult your customer car audio dealer or a company suppling kits.

If you are not sure how to install this unit correctly, have it installed by a qualified technician.

Mount in the dashboard:

1

①
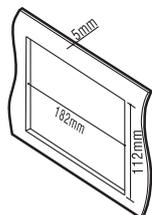
②
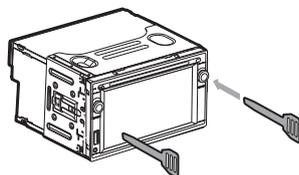
③
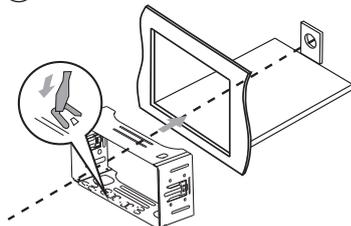
④
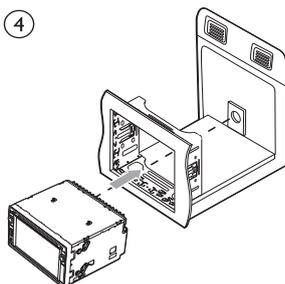
⑤
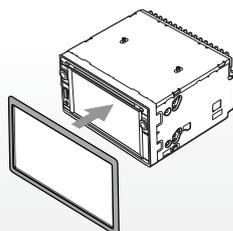
1. Make sure that the car dashboard opening is within these measurements.
2. Remove the mounting sleeve with the supplied disassembly tools.
3. Install the sleeve into the dashboard and bend the tabs outward to fix the sleeve.
4. Slide the unit into the sleeve until you hear a "click".
5. Attach the trim plate.

2

You may be able to install this unit in some makes of car without the supplied bracket.

⚠ All the mounting sleeve & screw are not included in this packing.

INTRODUCTIONS

Wiring diagram

(White)
(Red)

Front Line Out

External Bluetooth Microphone
(Black)

+ −

Reverse Camera Wire
(Purple)

Parking Wire
(Pink)

Brake Switch

Ground

Mirrro Phone Black Box
(Black)

(White)

OE Steering learning Remote

(Black-GND)

(White)

Steering wheel remote
Optional
(Not included)

Mirror Phone Black Box
(not included)

B 1 3 5 7
   2 4 6 8
FUSE
A   4   5 7
                8

ISO Male
Connector

AV-IN   REAR OUT   SUB W OUT

R   R

L   L   CAMERA IN

VIDEO IN   VIDEO OUT 1   VIDEO OUT 2

Radio Antenna

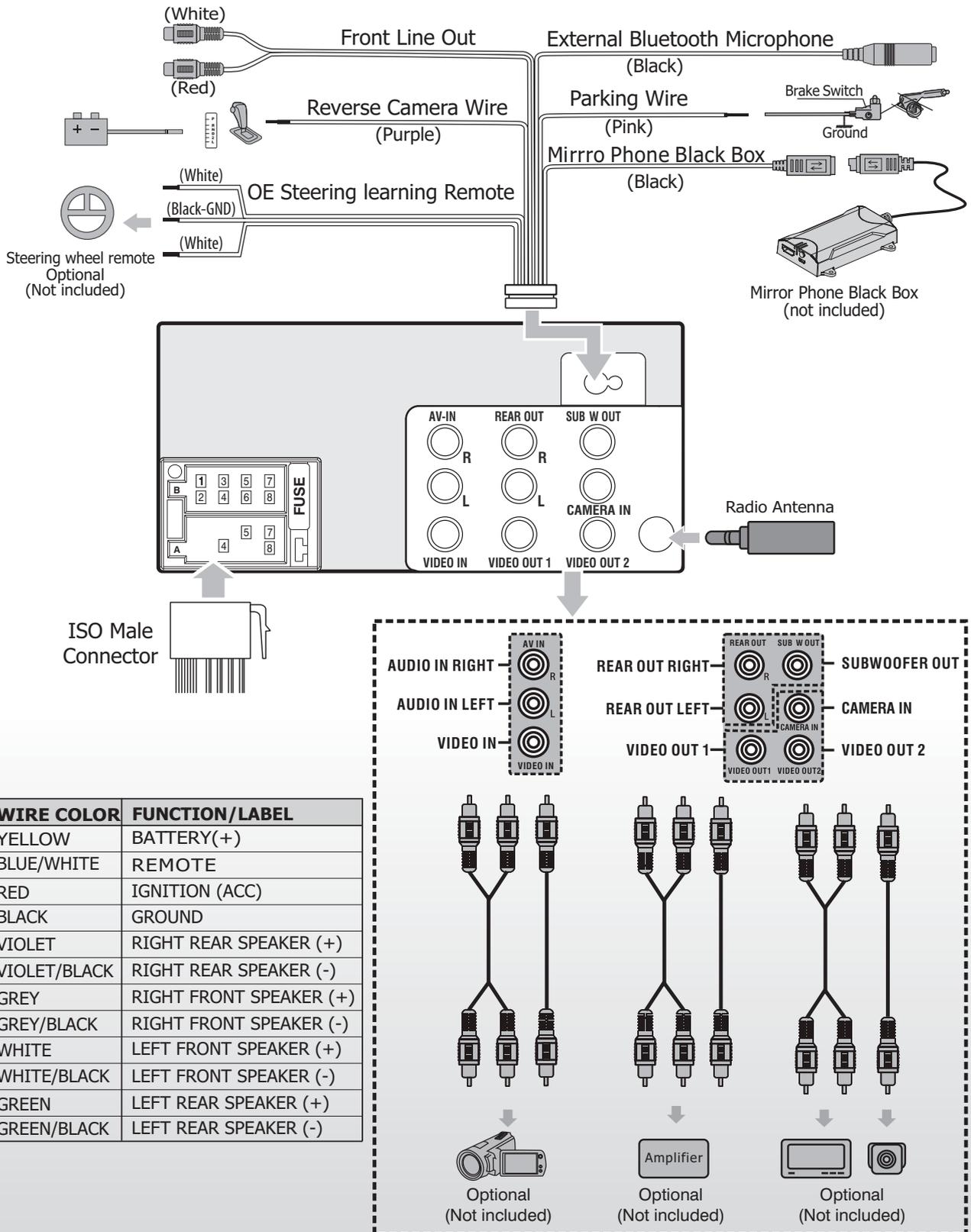| PIN	WIRE COLOR	FUNCTION/LABEL
A4	YELLOW	BATTERY(+)
A5	BLUE/WHITE	REMOTE
A7	RED	IGNITION (ACC)
A8	BLACK	GROUND
B1	VIOLET	RIGHT REAR SPEAKER (+)
B2	VIOLET/BLACK	RIGHT REAR SPEAKER (-)
B3	GREY	RIGHT FRONT SPEAKER (+)
B4	GREY/BLACK	RIGHT FRONT SPEAKER (-)
B5	WHITE	LEFT FRONT SPEAKER (+)
B6	WHITE/BLACK	LEFT FRONT SPEAKER (-)
B7	GREEN	LEFT REAR SPEAKER (+)
B8	GREEN/BLACK	LEFT REAR SPEAKER (-)

AV IN

AUDIO IN RIGHT   R

AUDIO IN LEFT   L

VIDEO IN   VIDEO IN

REAR OUT   SUB W OUT

REAR OUT RIGHT   R   SUBWOOFER OUT

REAR OUT LEFT   L   CAMERA IN   CAMERA IN

VIDEO OUT 1   VIDEO OUT2   VIDEO OUT 2

VIDEO OUT1

Optional
(Not included)

Amplifier

Optional
(Not included)

Optional
(Not included)

Overview the unit

Eject

Mic

HOME

Hold: **Power**
Press: **Mute**
Rotate: **Volume**

USB Socket

Aux-In Jack

MIC

HOME

AUX IN

⏰ **03:38** PM

EQ | DBSS | XBASS | (▶◀▶) | 💡

◁ **FM3** ▷ **102.80** MHz

🔊 | ⏮ | **AM** | ⏭ | ⚙ | 🔧 | 🔍

Nakamichi

FMSELECT 1
90.30 2
94.70 3
102.80 4
104.00 5
108.00 6

Remote sensor

Press: **TFT Dimmer**
Hold: **TFT Off**
Rotate: **Up/down**
Press: **View the clock**
Hold: **Will pop up the virtual control buttons.**
(This function only avaiable until the external mirror box is connected.)

DIM

APP

Media SD Card Socket

SD

Reset

Turn mute or restore volume

Access into dimmer settings

Playback list browser

up/down

Access into the HOME menu

Confirm an option

Tune for radio station
Skip/search for track
Fast backward/forward playback

Radio band
Media playback Pause or Resume play

Select audio channel

Access the DVD main menu

DIMMER **FUNCTION**

LIST | ☀ | FUNC

🏠 | ▲ | ↩

I◀◀ | OK | ▶▶I

▶II BAND | ▼ | XBS

DVD AUDIO | DVD MENU | DVD TITLE

⊙ VOLUME ⊖

🔧 SETTING

EQ

DBSS

Power on or off

Adjust the function o AV source

Increase/Decrease the volume

Return to the previous item.

Enter into the Setting mode.

Select EQ mode

iX-BASS booster function On/Off

Dynamic bass boost sound On/Off

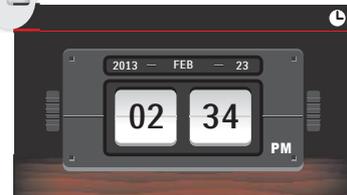Bring up the Title Menu

Nakamichi

5
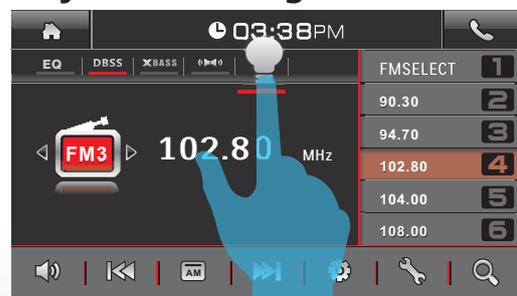
Basic operations

Access to HOME

Access to CLOCK

Audio Control

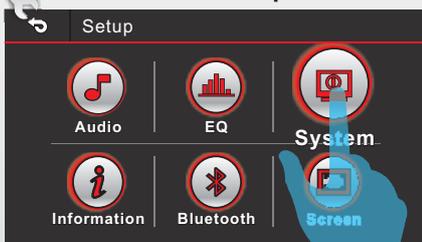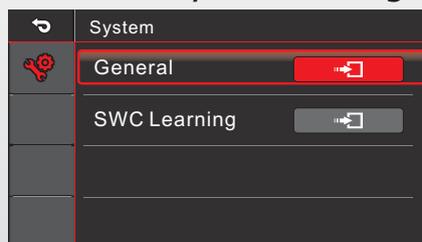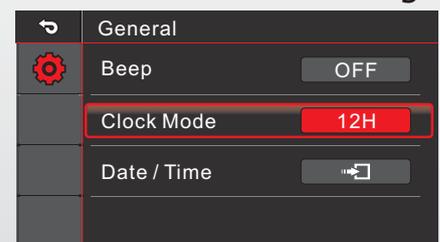## Adjust the brightness

Access to Setup Menu

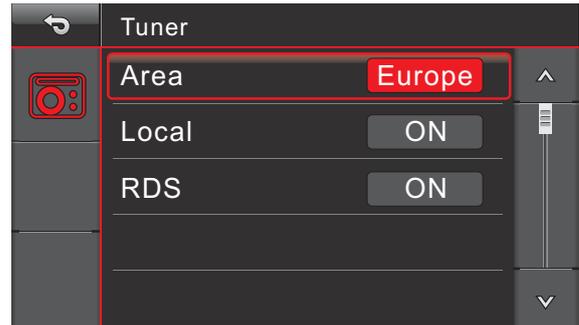## Access to system settings

Access to General settings
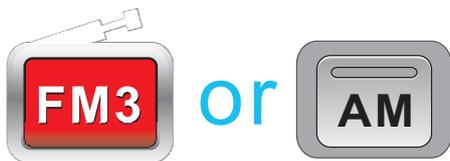
Listening to the radio

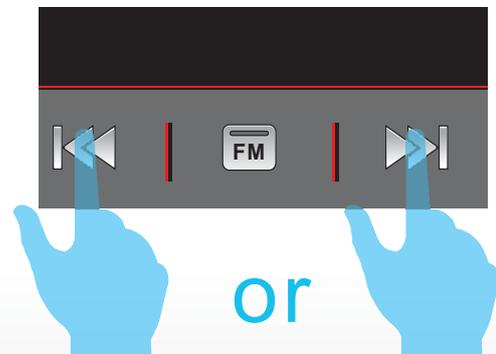Tap on button on the TFT screen access into the tuner function.

Tap on button into the Tuner Function menu.

Tap BAND to change to FM or AM

 or

Press to AUTO SEEK
Press and hold to MANUAL SEEK

or

Tap to Auto Store

Press and hold to Store stations

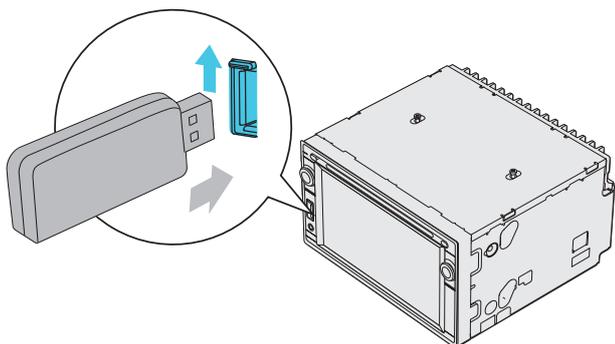

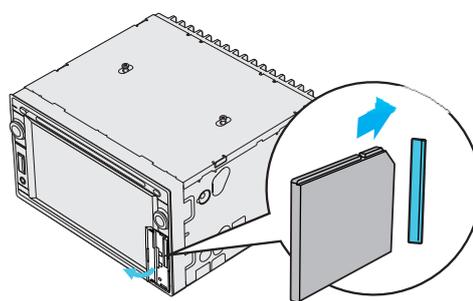Preset List

Playing of USB/SD/DISC

You can use this system to listen to audio, watch videos, and view photos that are stored on a disc, USB storage device, or SD/SDHC card.
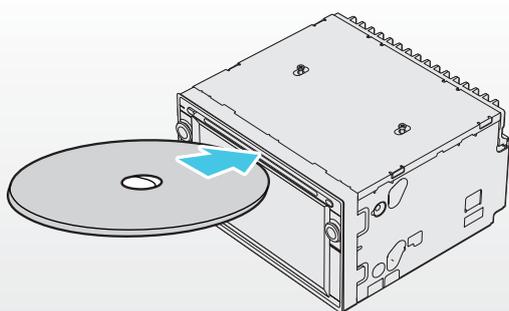
Play a USB device:

Tap to start playback of the source.
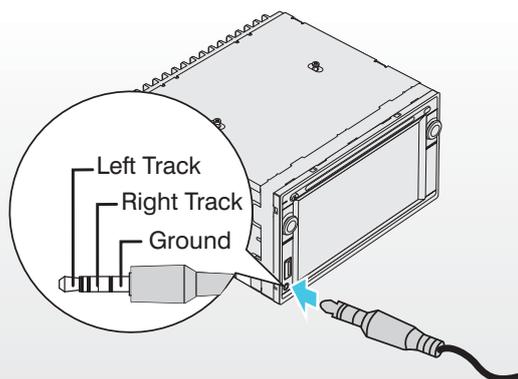
Play a SD/SDHC device:

Tap to start playback of the source.

Load a disc:

Tap to start playback of the source.

Play external audio/video input:

Left Track
Right Track
Ground

Tap to start playback of the source.

Playing of Music

Audio Control

EQ	DBSS	XBASS	(●►◄●)

Mute/ Up/play or Pause/down

◄»)	|◄◄	‖	►►|

Play file list browser

USB/Music
- 📁 French
- ▶ Everytimes has com...
- 🎵 Official Remix.mp3
- 🎵 Yesterday.mp3
- 🎵 You are not alone.mp3
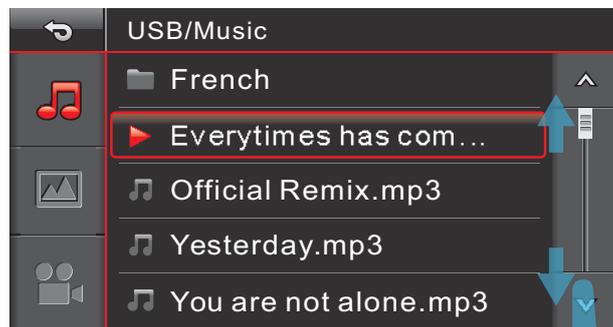
Adjust the different Repeat mode
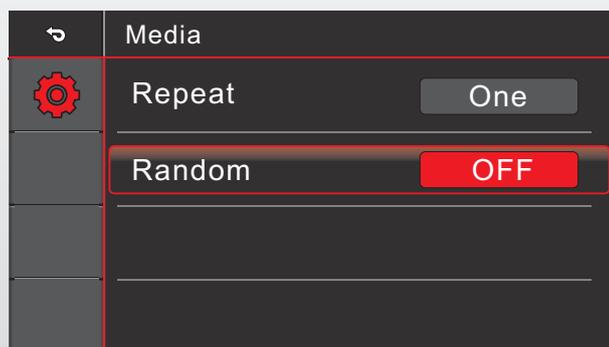
Media	
Repeat	One
Random	OFF

Enjoying the movie
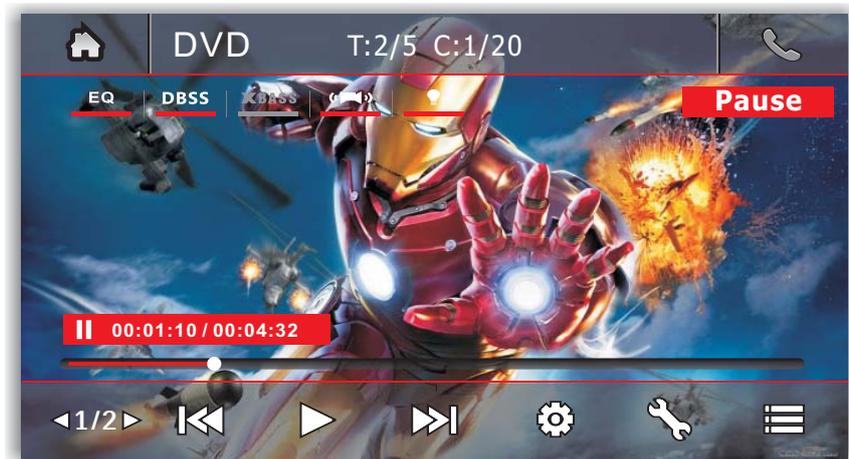
🏠	Home menu
1/2 2/2	Change function bar
⏮ ⏸/▶ ⏭	Previous, Pause /Play, Next
⚙	Media function menu.
🔧	access to system menu
☰	Top Menu or Browser
💬	Select the audio type. (For DVD-VR:Select the audio channel)
🎵☰	Repeat playback mode
GOTO	Access into the search mode (DVD only).
← → ↑ ↓	Up/Down/Left/Right
🔍✛	Zoom the video & photo
4:3 16:9	Select aspect ratio

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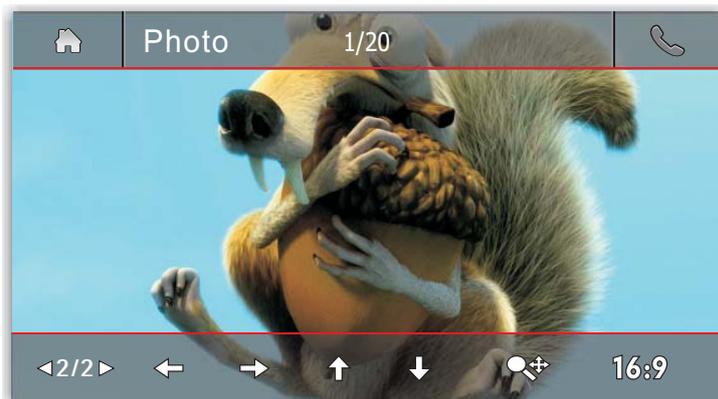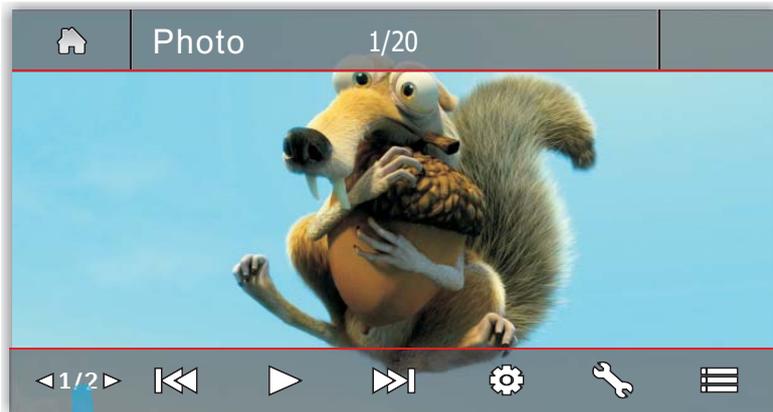
1/2 2/2	Change function bar
☰	Top Menu or Browser
←	Move left the zooming frame
↑	Move up the zooming frame
↓	Move down the zooming frame
→	Move right the zooming frame
⊕	Zoom the photo

11

Speaker/Subwoofer

Access to System Menu

Setup

EQ System

Audio

Information Bluetooth Screen

Access to Audio Menu

Audio

Speaker	⏭
Subwoofer	⏭
XBASS	ON
DBSS	ON
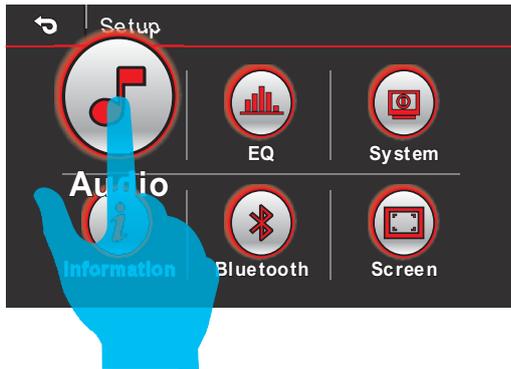
Speaker settings
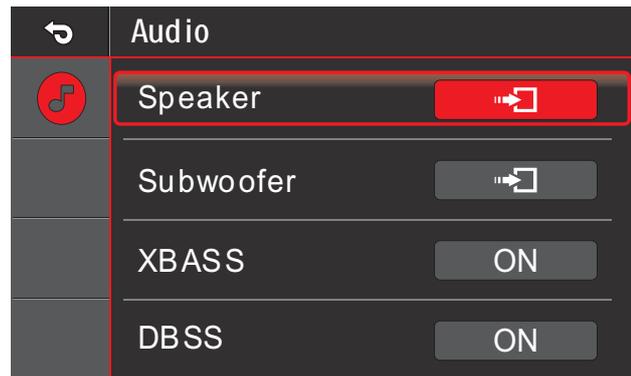
Audio - Speaker
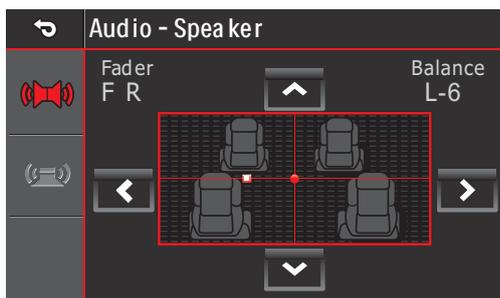
Fader
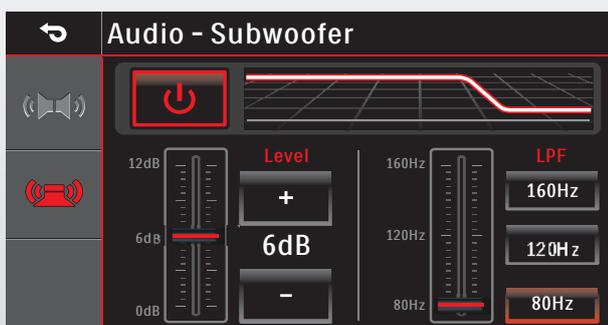F R

Balance
L-6

Adjust Fader/Balance Value From -12 to +12.

Fader
F-10

Balance
R-12
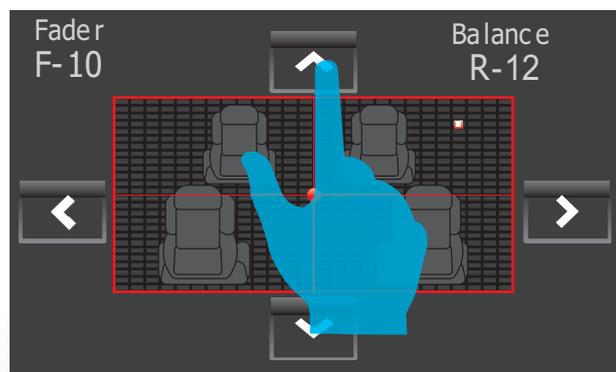
SUB-WOOFER settings

Touch ⏻ to turn On / Off the subwoofer

Tap on ＋ /━ buttons to adjust value of subwoofer level.

Audio - Subwoofer

12dB Level 160Hz LPF
+ 160Hz
6dB 6dB 120Hz 120Hz
─
0dB 80Hz 80Hz

Low Pass Filter Transfer Function

160Hz

120Hz

80Hz
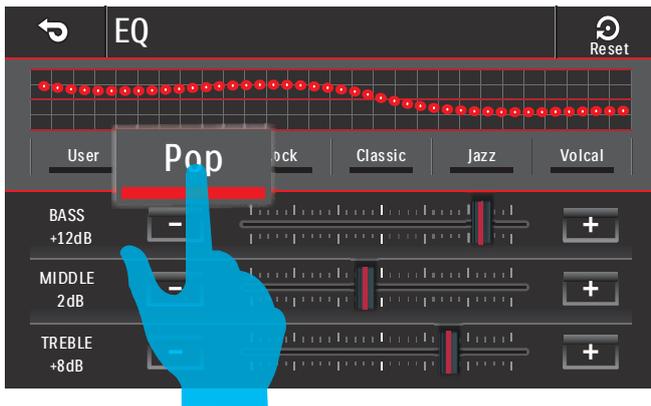
AUDIO ADJUSTMENT Equalizer

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
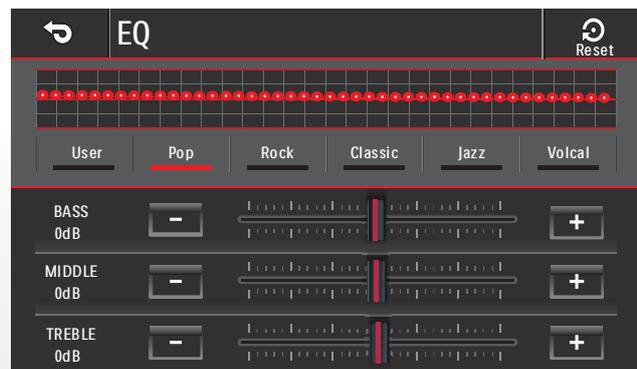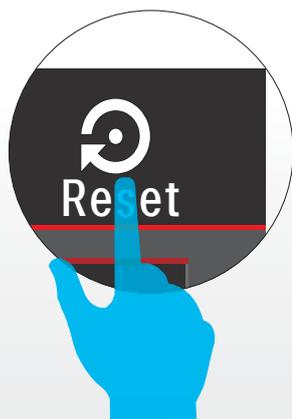
BLUETOOTH
Using bluetooth

How to pair & connect device ?

NAKAMICHI Connected

Pairing code "0000"

Connecting

03:38PM

iPhone 4s

Making A Call

18673 _

1	2	3
4	5	6
7	8	9
*	0 +	#

Calling...
0860101872903

Call Transfer

Call Transfer
to Cellphone !

MIRROR PHONE
Smart Phone Mirroring - AV System

This model supports MIRROR PHONE BOX function, It can mirror your smart phone screen to CarMirror-AV system instantly.

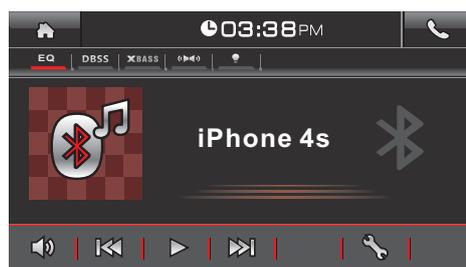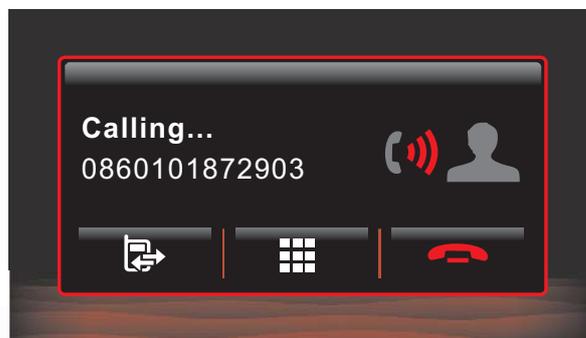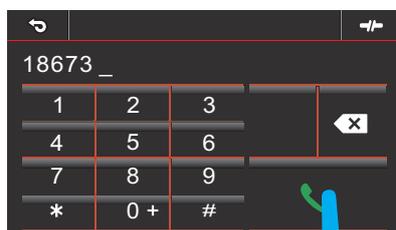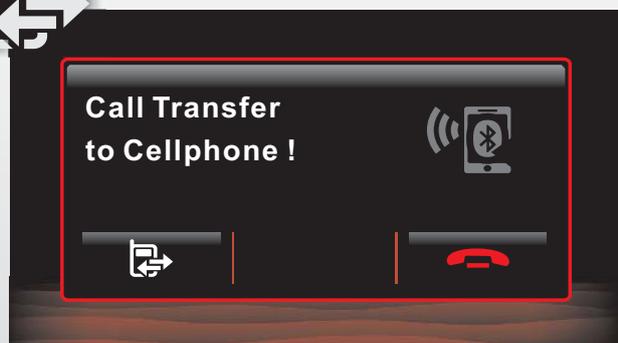It can also support 2-way control between your smart phone & CarMirror-AV system after the free CarMirror app is downloaded & installed.

Mirroring

As long as the Mirror Phone Box is connected, it can project or "MIRROR" your smart phone screen to the display panel of the CarMirror-AV system smoothly.

2-Way Control

After installing the free app of CarMirror from Google Play Store, you can operate your Smart Phone directly on the CarMirror-AV system screen and vice versa.

CarMirror

Virtual Buttons:

Press and hold the "App" button on the CarMirror-AV system, and the virtual control buttons for the smart phone will pop up automatically.

▢	Smart phone "Menu" button
◻	Smart phone "Home" button
⬅	Smart phone "Return" button

⚠ This function only available when an external mirror box(not supplied) is connected with the system.

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 Porfiles	: HFP/HSP/A2DP/AVRCP
Supported Codecs	: SBC (Sub Band Codec)

Radio section

Frequency FM range	: 87.5 - 108.0 MHz
Frequency AM(MW) range	: 522-1620 KHz
Usable sensitivity	: 2 uV (FM)
	: 80 uV (AM)(MW)

Video section

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

Audio section

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

General

Operating Voltage	: 14.4V(10.5-16 V)
Dimension(WxHxD)	: 178x102x172mm
Operational Temperature Range	: -10°C-+60°C
Weight	: 1.93 kg

Nakamichi®

Design and specifications are subject to change without notice