



USB - MP3/WMA Interface KCA-620M

- OWNER'S MANUAL
Please read before using this equipment.
- MODE D'EMPLOI
Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN
Léalo antes de utilizar este equipo.
- BEDIENUNGSANLEITUNG
Lesen Sie diese Bedienungsanleitung
bitte vor Gebrauch des Gerätes.
- ISTRUZIONI PER L'USO
Si prega di leggere prima di utilizzare l'attrezzatura.
- ANVÄNDARHANDLEDNING
Innan du använder utrustningen bör du läsa
igenom denna användarhandledning.



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Contents

Operating Instructions

WARNING

WARNING 2
 CAUTION 2

Installation

Screw-down Mounting 3

Connections

Connect the KCA-620M to the Ai-NET
 compatible Head Unit..... 3

Operation

Operation with Mass Storage Devices 4
 Folder Search with Traditional Systems 4
 File Search with Traditional Systems 4
 Folder Search with AV Systems 4
 Operation with Premium Support Devices..... 4
 Searching for a Desired Song..... 4
 Playlist Search with Traditional Systems 4
 Artist Search with Traditional Systems 5
 Album Search with Traditional Systems 5
 Genre Search with Traditional Systems 5
 About MP3/WMA..... 5

LIMITED WARRANTY 7

Operating Instructions

WARNING



WARNING

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

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, shift lever, brake pedals, etc. can be extremely hazardous.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.



CAUTION

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

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

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

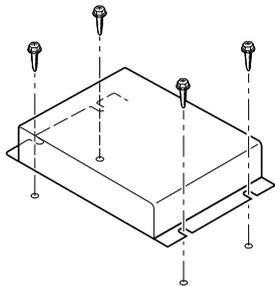
ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

Installation

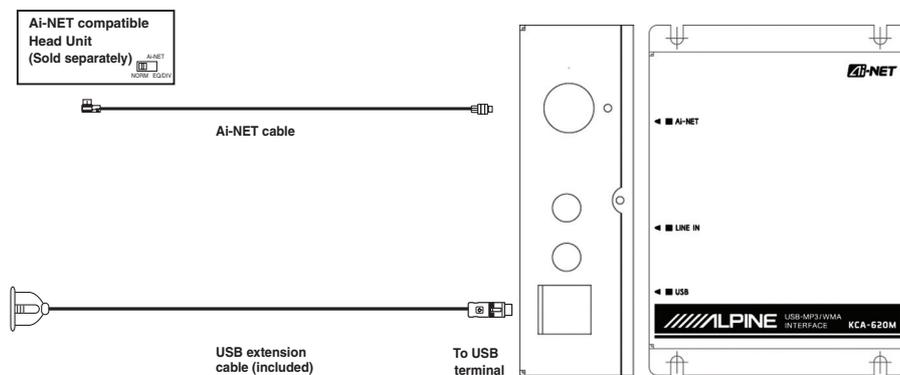
Screw-down Mounting

- 1 Using the adapter as a template, hold it in the mounting location and mark the holes to be drilled. Before drilling, make sure that there are no objects that could be damaged behind the mounting surface.
- 2 Drill holes and secure the adapter with the self-tapping screws (M4 x 14) supplied.



Connections

Connect the KCA-620M to the Ai-NET compatible Head Unit



Operation

Operation with Mass Storage Devices

The KCA-620M displays as a CD Changer source.

Mass Storage device include portable USB drives, memory cards with USB adaptors, iPod shuffle, and many Portable MP3 devices will act like a Mass Storage device.

Mass Storage devices must be formatted in FAT16 or FAT32 file format in order to work with this device.

Folder Search with Traditional Systems

Traditional systems include DVA-9861, CDA-9857, CDA-9856 and others.

- 1 Press **SEARCH**  to enter search mode.
- 2 Use the rotary knob to select folder.
- 3 Press **SEARCH** .
- 4 Use the rotary knob to select the folder you desire.
- 5 Press **SEARCH** .
- 6 Use the rotary knob to select a song file.
- 7 Press **ENTER/MODE** to play the desired song.

- If you are using a portable MP3 player, you must manually turn it on.
- Search speed is determined by the size of the Mass Storage device.
- The folder named "ALL" will access all songs on your device.
- If no action is taken within 10 seconds of pressing **SEARCH** , the system will back out of search mode.
- Folders will be put in alphabetical order.

File Search with Traditional Systems

File search will access all the songs on your device.

- 1 Press **SEARCH** .
- 2 Use the rotary knob to select file.
- 3 Press **SEARCH** .
- 4 Use the rotary knob to select a song.
- 5 Press **ENTER/MODE** to play the desired song.

- If you are using a portable MP3 player, you must manually turn it on.
- If you have the same song in more than one folder, it will show up on file search for each time it is on the device.
- Songs will be put in alphabetical order.

Folder Search with AV Systems

AV systems include IVA-W200, IVA-D100, VPA-B222, IVA-D310. You must perform a folder search to find a desired song.

- 1 Press **SEARCH**  to bring up a list of folders.
- 2 Use the scroll bar on the side to search through the folders and find your desired folder.
- 3 To play all songs on the folder, press [**▶**]. Or press [**>>**] to enter the folder to select a desired song.

- If you are using a portable MP3 player, you must manually turn it on.
- The "Root" folder contains all songs on the device

Operation with Premium Support Devices

Many newer Portable MP3 players will have premium support. Premium support is the ability to search specific Playlist, Artist, Albums, and Genre. Premium support also gives you the ability to playback content purchased at online music stores. If your Portable MP3 does not have premium support, it will act like a Mass Storage device.

Searching for a Desired Song

The search function of the head unit and AV System has been modified to accommodate the KCA-620M

By selecting Disc 1,2,3 or 4 in CD Changer mode, you can choose the method by which to search.

Disc 1 selection:	Playlist search mode
Disc 2 selection:	Artist search mode
Disc 3 selection:	Album search mode
Disc 4 selection:	Genre search mode

Playlist Search with Traditional Systems

Traditional systems include DVA-9861, CDA-9857, CDA-9856 and others.

- 1 Press **PRESET 1**.
- 2 Press **SEARCH** .
- 3 Select folder (Folder = Playlist) using the rotary knob.
- 4 Press **SEARCH** .
- 5 Select a playlist.
- 6 Press **SEARCH** .
- 7 Select a song and press **ENTER/MODE** to play your selection.

Artist Search with Traditional Systems

Traditional systems include DVA-9861, CDA-9857, CDA-9856 and others.

- 1 Press **PRESET 2**.
- 2 Press **SEARCH** .
- 3 Select folder (Folder = Artist) using the rotary knob.
- 4 Press **SEARCH** .
- 5 Select a Artist.
- 6 Press **SEARCH** .
- 7 Select a song and press **ENTER/MODE** to play your selection.

Album Search with Traditional Systems

Traditional systems include DVA-9861, CDA-9857, CDA-9856 and others.

- 1 Press **PRESET 3**.
- 2 Press **SEARCH** .
- 3 Select folder (Folder = Album) using the rotary knob.
- 4 Press **SEARCH** .
- 5 Select an Album.
- 6 Press **SEARCH** .
- 7 Select a song and press **ENTER/MODE** to play your selection.

Genre Search with Traditional Systems

Traditional systems include DVA-9861, CDA-9857, CDA-9856 and others.

- 1 Press **PRESET 4**.
- 2 Press **SEARCH** .
- 3 Select folder (Folder = Genre) using the rotary knob.
- 4 Press **SEARCH** .
- 5 Select a Genre.
- 6 Press **SEARCH** .
- 7 Select a song and press **ENTER/MODE** to play your selection.

About MP3/WMA

CAUTION

Except for private use, duplicating audio data (including MP3/WMA data) or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

What is MP3?

MP3, whose official name is "MPEG-1 Audio Layer 3," is a compression standard prescribed by the ISO, the International Standardization Organization and MPEG which is a joint activity institution of the IEC.

MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realizes such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

What is WMA?

WMA, or "Windows Media™ Audio," is compressed audio data.

WMA allows you to create music files and store them at higher ratios of compression than MP3 audio data (approx. half original size). This is achieved while still maintaining CD quality sound.

Method for creating MP3/WMA files

Audio data is compressed by using MP3/WMA specified software. For details on creating MP3/WMA files, refer to the user's manual for that software.

MP3/WMA files that can be played back by this device have the file extension "mp3" / "wma". Files with no extension cannot be played back.

Supported playback sampling rates and bit rates

MP3

Sampling rates: 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz

Bit rates: 8 - 320 kbps

Variable bit rate: 8 - 320 kbps

WMA

Sampling rates: 48 kHz, 44.1 kHz, 32 kHz

Bit rates: 48 - 192 kbps

Variable bit rate: 48 - 320 kbps

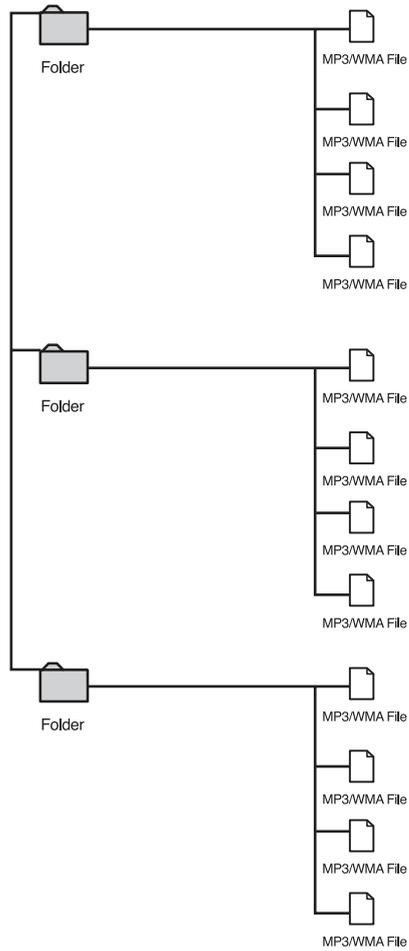
This device may not play back correctly depending on sampling rates.

Formats supported

This device supports MP3 and WMA files only.

Recommended Folder / File Structure

When arranging Folders and Files on a Mass Storage device, avoid placing folders within folders.



**The files put on a Mass Storage device will be saved and played back in alphabetical order.*

**If you choose to use a different file structure your folders and files may appear out of order.*



LIMITED WARRANTY

ALPINE ELECTRONICS OF AMERICA, INC. AND ALPINE OF CANADA INC. ("Alpine"), are dedicated to quality craftsmanship and are pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

●PRODUCTS COVERED:

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

●LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

●WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

●WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

●WHAT IS NOT COVERED:

This Warranty does not cover the following:

- ① Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
- ② Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.
- ③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
- ④ Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature. Any cost or expense related to the removal or reinstallation of the product.
- ⑤ Service performed by an unauthorized person, company or association.
- ⑥ Any product which has the serial number defaced, altered or removed.
- ⑦ Any product which has been adjusted, altered or modified without Alpine's consent.
- ⑧ Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
- ⑨ Any product not purchased from an Authorized Alpine Dealer.

●HOW TO OBTAIN WARRANTY SERVICE:

- ① You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.

- ② You should provide a detailed description of the problem(s) for which service is required.
- ③ You must supply proof of your purchase of the product.
- ④ You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

●HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

●HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

●HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/ provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

●IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

●HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

**CAR AUDIO 1-800-ALPINE-1 (1-800-257-4631)
NAVIGATION 1-888-NAV-HELP (1-888-628-4357)**

Or visit our website at: <http://www.alpine-usa.com>

ALPINE ELECTRONICS OF AMERICA, INC., 19145 Gramercy Place, Torrance, California 90501, U.S.A.
ALPINE ELECTRONICS OF CANADA, INC., 777 Supertest Road, Toronto, Ontario M3J 2M9, Canada

Do not send products to these addresses.

Call the toll free telephone number or visit the website to locate a service center.