



UTE-MN801/UTE-M701



OWNER'S MANUAL

Please read before using this equipment.

Thank you for purchasing this Alpine product. Please take a moment to protect your purchase by registering your product now at the following address:
www.alpine-usa.com/registration.

You will be informed of product and software updates (if applicable), special promotions, news about Alpine.

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PRECAUTIONS

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide more reasonable protection against harmful interference in a residential installation and are more stringent than “outdoor” requirements.

Operation is subjected to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and the receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult an experienced radio/TV technician.

WARNING

POINTS TO OBSERVE FOR SAFE USAGE

Read this manual carefully before using the product.

The manual contains instructions on how to use this product in a safe and effective manner.

Alpine cannot be responsible for problems resulting from failure to observe the instructions in this manual.

This manual uses various pictorial displays to show you how to use this product safely and to alert you to potential dangers resulting from improper connections and operation.

Following the pictures are the meanings of the pictorial displays. It is important to fully understand the meanings of the pictorial displays in order to use the product properly and safely.

This product may be used with software applications. Please follow all usage instructions and warnings when using this product at all times.

Do not use this product or any software application in a manner which will hinder safe operation of your vehicle.

WARNING

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY OPERATING YOUR VESSEL.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vessel in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE OPERATING THE VESSEL.

Excessive volume levels that obscure sounds around you such as emergency vehicle sirens approaching vessels can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE IN CONTROL OF THE VESSEL.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

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

USE ONLY IN APPLICATIONS WITH A 12 VOLT NEGATIVE GROUND.

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

Operation of the system while driving is dangerous. Users should stop vessel before operating the software.

This software is designed for use exclusively in the unit. It cannot and may not be used in conjunction with other hardware.

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

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

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

WARNING

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.

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 ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.

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

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 another 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 INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

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.

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.

WARNING

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.

NOTICE

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

Temperature

Be sure the temperature inside the vehicle is between +45°C (+113°F) and 0°C (+32°F) before turning your unit on.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Protecting the USB connector

Only an USB flash drive can be connected to the USB connector on this unit. Correct performance using other USB products cannot be guaranteed.

If the USB connector is used, be sure to use only the supplied connector cable with the unit. A USB hub is not supported.

Depending on the connected USB flash drive, the unit may not function, or some functions may not be performed. The audio file format that can be played on the unit is ACC, FLAC, MP2, MP3, M4A, OGG, WAV, WMA. Artist/song name, etc., can be displayed. Certain, special characters may not be correctly displayed.

CAUTION

Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

On Handling USB Flash drive

This unit can control a memory storage device that supports the USB Mass Storage Class (MSC) protocol. Playable audio file formats are ACC, FLAC, MP2, MP3, M4A, OGG, WAV, WMA

USB Flash drive function is not guaranteed. Use a USB flash drive according to the terms of agreement. Read the USB flash drive Owner's Manual thoroughly.

Avoid usage or storage in the following locations: Anywhere in the car exposed to direct sunlight or high temperatures. Anywhere the possibility of high humidity or corrosive substances are present.

Fix the USB flash drive in a location where driver operation will not be hindered.

USB Flash drive may not function correctly at high or low temperature.

WARNING

Use only certified USB flash drive.

Note that even certified USB flash drive, may not function correctly depending on its type or state. Depending on the settings of the USB flash drive type, memory state or encoding software, the unit may not play back or display properly.

USB Flash drive may take time to start playback. If there is a particular file other than audio in the USB flash drive, it may take considerable time before the file is played back or searched.

The unit can play back “ACC, FLAC, MP2, MP3, M4A, OGG, WAV, WMA extensions.

Do not add the above extensions to a file other than audio data. This non-audio data will not be recognized. The resulting playback may contain noise that can damage speakers and/or amplifiers.

It is recommended to back up important data on a personal computer.

Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, then remove the USB device to prevent possible damage to its memory.

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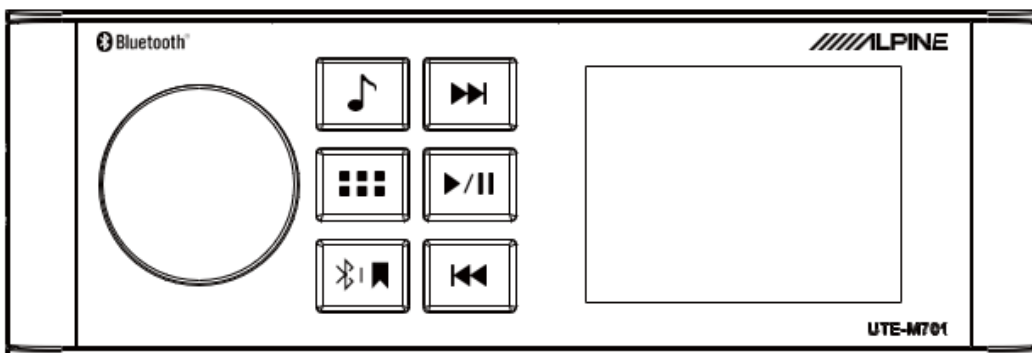
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<http://www.mp3licensing.com>

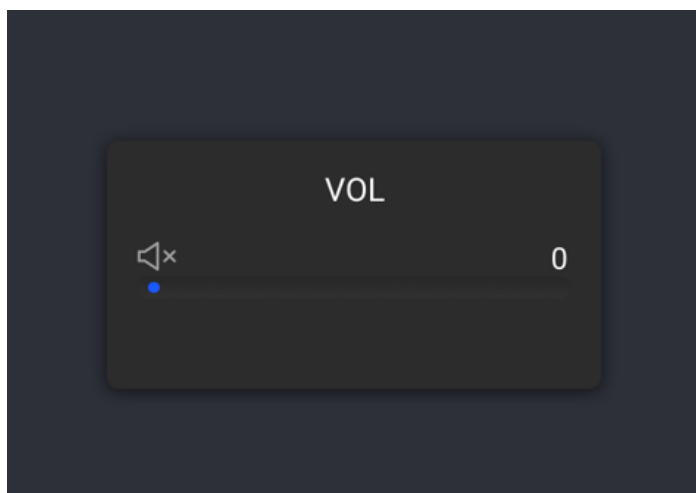
Getting Started

Location of Controls



Turning the power ON or OFF

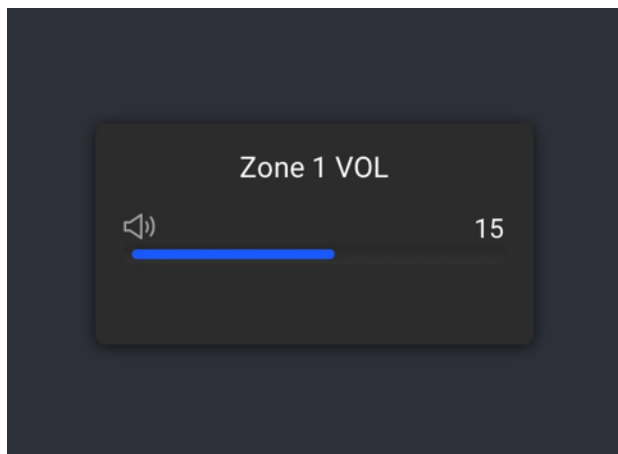
1. Turn the ignition key to the ON or ACC position. The unit powers on. When powered on, the unit displays the last screen that was displayed before the ignition was turned off. For example, if the unit was in radio mode when the ignition was turned off, it will remain in radio mode when ignition is turned back on.
2. Touch and hold the Music Symbol  (Source/Power Off) button for 2 seconds to turn the power off/on.



Adjusting the Volume

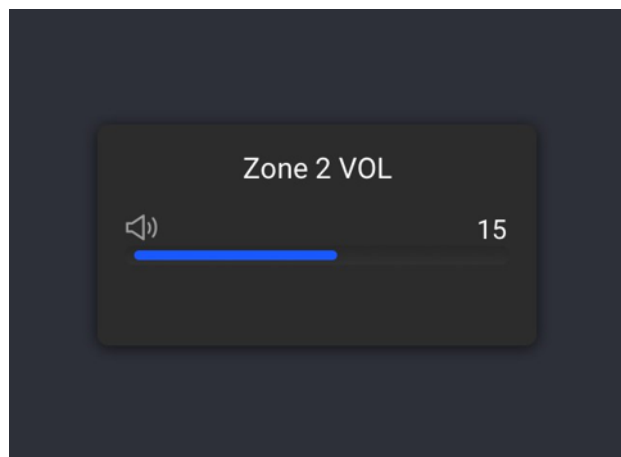
Adjust the Main volume by turning the knob right for volume up and left for volume down. 0-39 steps.

Adjusting Zone 1 and Zone 2 Volume



Press the knob once and Zone 1 will show on the screen.

You can now adjust the volume of Zone 1 independently.



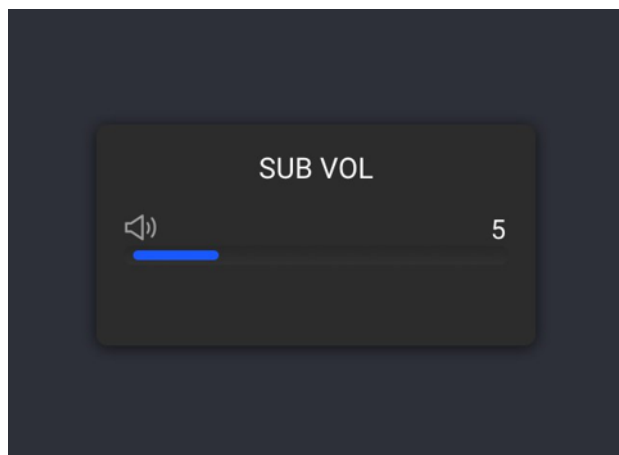
Press the knob twice and Zone 2 will show on the screen.

You can now adjust the volume of Zone 2 independently

To Exit Zone 1 or 2, press the knob until the main screen reappears. Turning the knob will now return to control of the main volume. The unit will automatically return to the main volume function after 5 seconds of inaction.

Note – Zones 1 and 2 have some advanced features available in the main menu. Each Zone can have a customized name and a maximum volume level can be set on each.

Adjusting the Sub Volume



Press the knob three times and the Sub will show on the screen.

The volume of the sub channel can now be controlled independently. To exit, press the knob once. The unit will automatically return to the main volume function after 5 seconds of inaction.

Note: If three full range zones are needed, simply set the sub zone to full range output for an third independently controlled zone with 10 steps of volume control.

Note: If not using the sub zone, it can be turned off in the main menu.

Switching Sources



Press the  then rotate the knob to select the intended source. Once the intended source is highlighted, press in the knob to select that source.

FM/AM operation

Listening to the Radio



1. To manually seek Up or Down, press the  buttons momentarily. Use multiple presses to manually tune to your intended station.
2. To automatically seek Up or Down, press the  buttons for 2 seconds. The tuner will then seek to the next available station.

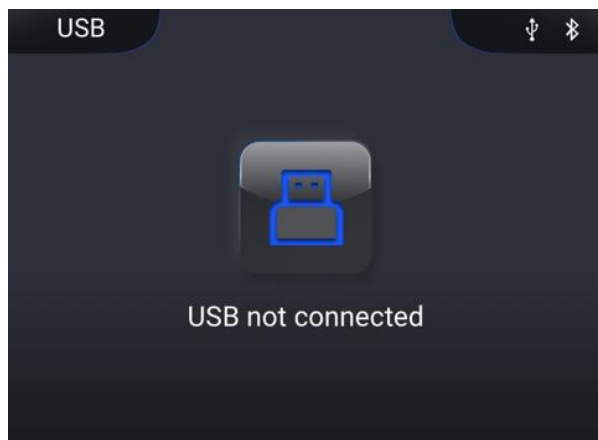
Presetting Stations Manually

1. To save a station, press the  button. This will highlight the presets, then use the knob to scroll to the preset intended to save the current station to. Then press and hold the knob until the preset is saved. Press the  button again to exit the preset menu.
2. Each Radio band can save up to 6 presets.

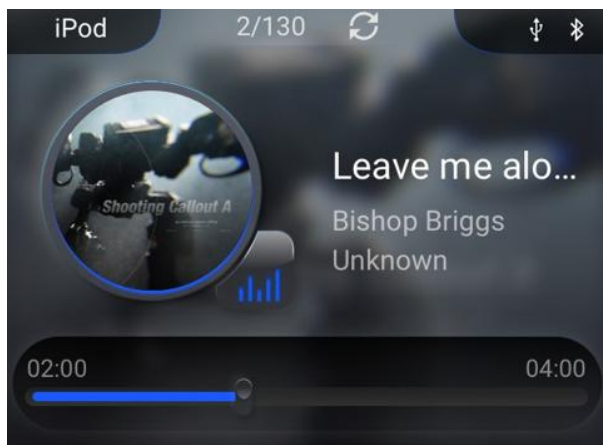
Presetting Stations Automatically

When in FM/AM mode, press the Home  button. A new screen will emerge, then choose Auto to have the unit scan and save the first 6 stations it finds with the strongest signal. RDS (Radio Data System) can be enabled or disabled via this screen

USB Operation



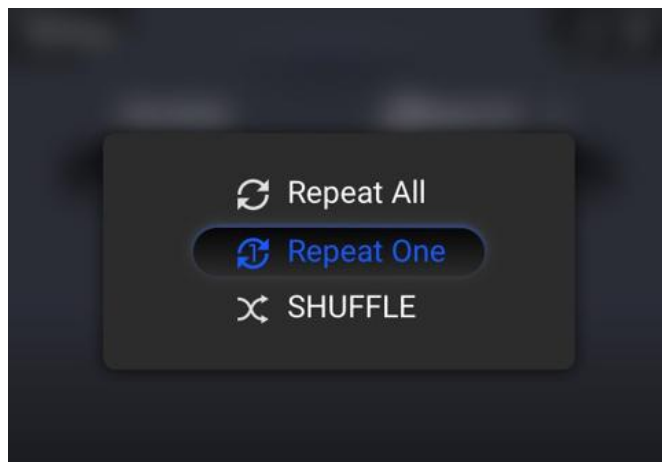
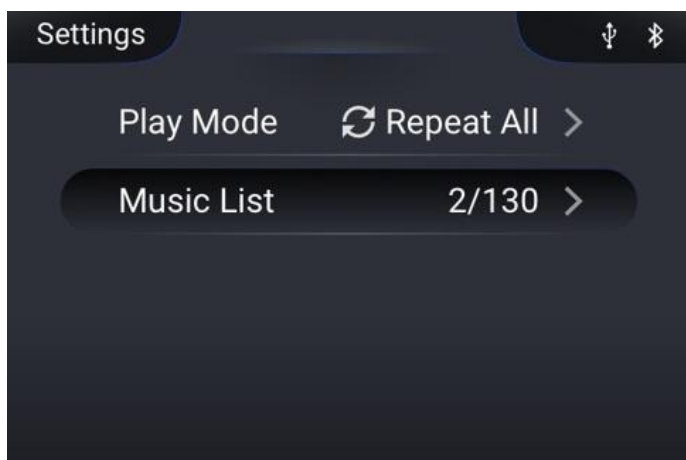
Touch the  button and select USB Mode. The display shows the USB screen. If no compatible USB drive is present, a notification is displayed.



When a compatible USB drive loaded with compatible audio tracks is inserted, the unit will scan the drive and auto play

Repeat/Shuffle Play/Track List (USB Audio Mode)

While in USB mode, press the Home  button. A new screen will display, then choose Play Mode to access Repeat One, Repeat All or Shuffle. You can also select a track to access directly



USB Operation

Control of USB Playback

To pause playback, press  Press  again to resume playback

- The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is being played.
- If there is tag information (artist name/album name/track name) available on the file, it will be displayed. No information...no display.
- If an MP3/WMA/AAC/WAVE contains ID3 tag/WMA tag information, that information will be displayed.

Track up/Track down on USB Audio

Press either   for the unit to track up or down.

Fast Forwarding/Fast Reversing on USB Audio

Press and hold the   buttons to access Fast Forward or Fast Reverse on USB Audio. Release to return to normal playback.

Bluetooth® Operation

Setup Before Using

About Bluetooth

Bluetooth is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between Bluetooth compatible devices. Bluetooth transmission is available in the unlicensed 2.4 GHz spectrum if the distance between devices is within 10 meters. For details, refer to the Bluetooth website (<http://www.bluetooth.com>).

- Depending on the Bluetooth version, a Bluetooth compatible device may not be able to communicate with this unit.
 - Proper function of this unit with all Bluetooth compatible devices is not guaranteed. For handling of the Bluetooth compatible device, consult your Alpine dealer or Alpine website.
 - Depending on the surroundings, Bluetooth wireless connection may be unstable.
 - When you place a call, or perform setup operations, be sure to stop your car in a safe place.
 - Depending on the connected Bluetooth compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).
- Bluetooth® Audio

Pairing a Bluetooth device to this unit.

- You can search for this unit using a Bluetooth compatible device, and then connect that Bluetooth compatible device to this unit. The device name of this unit is "UTE-M701 or UTE-MN801" upon first pairing a device code will display up on the BT device click "yes pair." Also refer to the Owner's Manual of the connected device. If a Bluetooth compatible device is connected, you can play back a song (operation is controllable from the unit).
- Operation may vary, depending on the Bluetooth compatible device.

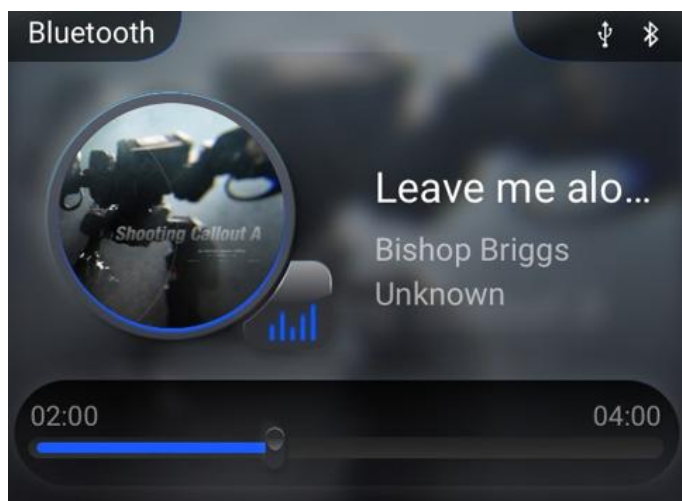
Bluetooth® Operation



Touch the  and select BT mode. The display shows the BT mode screen. If no BT Device is paired, this notification will be displayed.



Pair a compatible BT device. Once paired this notification will be briefly displayed and the unit will try to auto play.



If the BT device supports Artwork, the unit will display artwork.

Bluetooth® Operation

To pause playback on BT Audio

Press . Press  again to resume playback.

- The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.
- If there is tag information, artist name/album name/track name is displayed.
- If there is no label information, no name is displayed.
- ID3 tag/WMA tag

Track up/Track down on BT Audio

Press either   for the unit to track up or down.

Fast Forwarding/Fast Reversing on BT Audio

Press and hold the   buttons to access Fast Forward or Fast Reverse on BT Audio. Release to return to normal playback.

Aux Input Mode



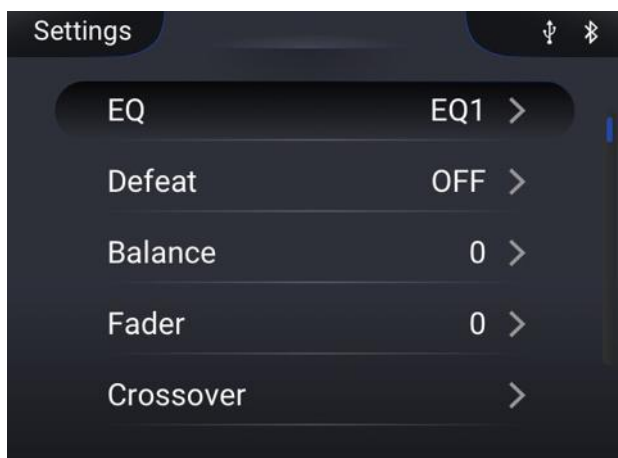
Touch the  and select Auxmode. Aux screen is displayed.

This will allow an auxiliary low level audio source to be connected to the RCA inputs labelled “AUX” on the rear of the unit.

Illumination Operation

This unit has an Illumination Input wire (Orange) that when switched to 12v+ will automatically dim this unit to a desired brightness. When 12v+ is removed from the wire the unit will return to its previous screen. See Menu section for brightness adjustment.

Menu Function



To enter the MENU settings press  for more than 2 seconds. This will bring up the user menu as shown below. To Exit the Menu push the  while in the main Menu.

EQ (Equalizer) Operation

Press the Knob to choose EQ then use the knob to scroll to the EQ preset you want to adjust then press in on the knob to choose that preset EQ. This unit has six EQ Memories with six bands of parametric EQ available for each memory as shown below.

Band 1: 20Hz-99Hz

Band 2: 100Hz-490Hz

Band 3: 500Hz-1900Hz

Band 4: 2kHz-3.8kHz

Band 5: 4kHz-7.5kHz

Band 6: 8kHz-20kHz

EQ (Equalizer) Operation



Use the knob to scroll through EQ1 to EQ6 to choose an EQ to adjust and press in on the knob. This will highlight the chosen EQ around the slider and light up the frequency for that band. You can now use the knob to scroll to each frequency band on that preset EQ. Once you find the band you want to change, press in on the knob.



This will unhighlight the slider and just highlight the frequency. You can now turn the knob to set the band to the frequency you want to be the center of your EQ. Press and rotate the knob to adjust the current EQ frequency band gain value (from -12 to 12). Then press the knob to lock in the frequency and move to Gain Adjustment.

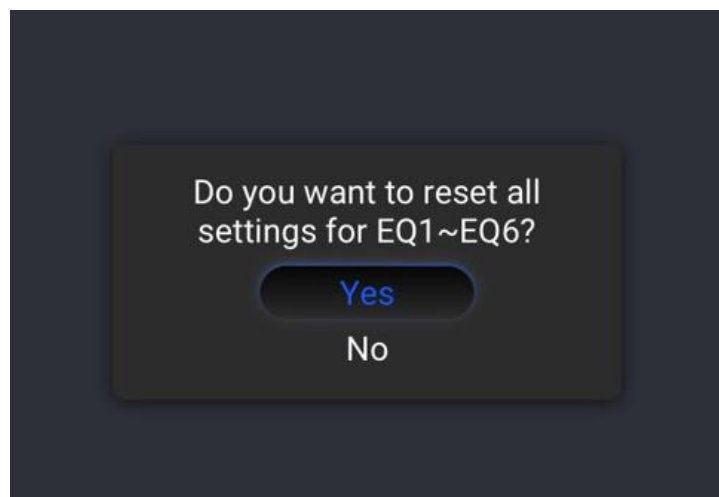
EQ (Equalizer) Operation



This unit allows for up to 12 steps of boost or cut per band. Turn the knob left or right to adjust and press in to move to the bandwidth adjustment. You can adjust the width of the EQ from a Q of .7 to a Q of 4. (.7 is a very wide Q so it will affect a wider band of frequencies with 4 being a narrow Q that will affect a narrower band of frequencies.



Press the knob again to highlight the Slider. Then use the knob to scroll to other bands to repeat the above process. When all adjustments are complete, press the once to choose a different EQ preset or twice to return to the Main Menu.



To reset all EQ settings to factory settings, scroll to Reset then press in on the Knob. A warning will be displayed on the screen. Select "Yes" to confirm a reset of all EQ settings.

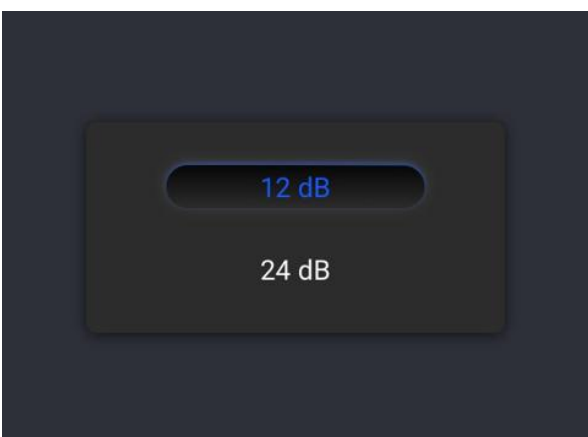
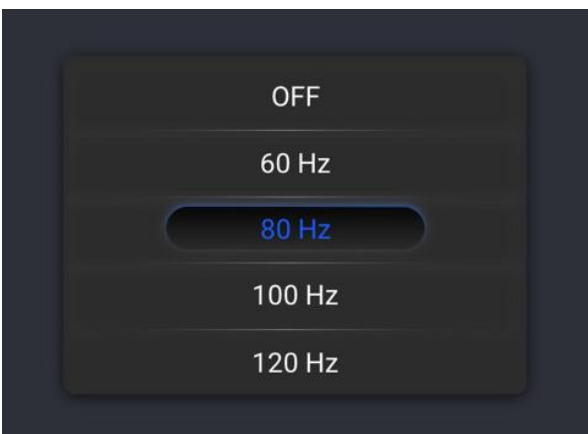
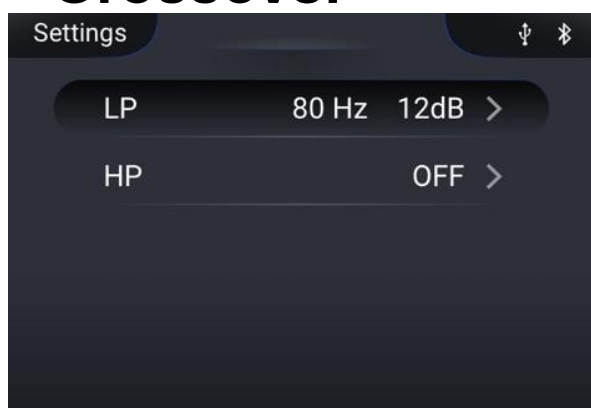
Balance

Press the knob to choose Balance: then turn the knob to the right to balance to the right and left to balance to the left. Press in on the knob to return to the Main Menu.

Fader

Press the knob to choose Fader: then turn the knob to the right to fade to the Front and left to fade to the rear. Press in on the knob to return to the Main Menu.

Crossover



1. Press the knob to choose Crossover: The main crossover menu will be displayed.
2. LP stands for Low pass and will control the Subwoofer out RCAS.
3. HP stands for High pass and will control the front and rear speaker and RCA outputs.
4. The following options are available within these menus:

Frequency: Off, 60Hz, 80Hz, 100Hz, 120Hz

Slope: 12dB, 24dB

Use the knob to scroll to your desired setting then press in on the knob to select.

Subwoofer

Press the knob to choose Subwoofer. This allows the subwoofer outputs to be disabled or enabled.

Zone Name Customize

Press the knob to choose Zone Name Customize This allows Zones 1 and 2 to have customized specific names. (Limit is 10 characters)

Zone 1 and 2 Volume Limit

Press the knob to choose Zone 1 or Zone 2 volume Limit, then turn the knob to set the desired limit.

Screen Lighting

Press the knob to choose Screen Lighting: then turn the knob to the right to increase brightness or left to dim the brightness (1-5). Press in on the knob to return to the Main Menu.

Voltage Gauge

Press the knob to choose Voltage Gauge: This will show a larger display of the current DC input voltage. Press in on the knob to return to the Main Menu.

Key Sound

Press the knob to choose Key Sound: This will show a larger display with Off and On option choose your option. Press in on the knob to return to the Main Menu.

Tuner Region

Press the knob to choose Tuner Region: This will show a larger display with USA or Europe as options. Press in on the knob to return to the Main Menu.

Language

Press the knob to choose Language: This will show a larger display with English or Spanish as options. Press in on the knob to return to the Main Menu.

Remote Controller

Press the knob to enter the Remote Controller sub-menu. This allows the addition and pairing of the optional Bluetooth Remote Controller RUE-M101. For more details on the operation of the RUE-M101, see page 37 of this manual.

Software Version



Press the knob to choose Software Version. This will show a larger display with the info shown. Press in on the knob to return to the Main Menu.

Software Update

There are two types of Software that can be user updated on this unit. The MCU software and MPU software. If Alpine releases a Software update it will be available on the product page on our website at www.alpine-usa.com. A compatible USB drive will be needed to install these updates.

1. Download both MPU and MCU updated software.
2. Unzip the files and put them on a compatible USB drive.
3. Plug in USB drive to unit.
4. Unit should automatically come up and offer the option to update.
5. Choose MCU first and push in on the knob to select choose Yes. Unit will take up to 1 minute to complete and will turn off and back on when finished.
6. Now choose MPU and push in on the knob to select choose Yes. Unit will take up to 3 minutes to complete and will turn off and back on when finished.

If the unit does not automatically offer to update when the USB drive with the update files on it is inserted, press and hold  for more than 2 seconds to enter the Main Menu. Then scroll down to Software version and push in on the knob to select. Software update MCU and MPU will be displayed. Select MCU first then click Yes. Follow the same process for MPU.

**Warning: Do not turn off the unit or power during a Software update process!
This could damage the unit requiring it to be sent in for service!!!!!!**

Factory Reset

Press the knob to choose Factory Reset: This will show a larger display with Yes or No as options. Selecting Yes will reset all the unit settings back to the factory specifications. The unit will then restart using the factory settings.

Press in on the  to return to the Main Menu from any sub menu.

Information About the Supported Formats

Method for creating ACC, FLAC, MP2, MP3, M4A, OGG, WAV, WMA

Audio data is compressed using software with WAVE/WMA/AAC/ AC3/MPEG/Ogg/FLAC/ APE (USB Flash drive) codecs. For details on creating WAVE/WMA/AAC/AC3/MPEG/Ogg/

FLAC/APE(USB Flash drive files, refer to the user's manual for that software. WAVE/WMA/AAC/ AC3/MPEG/Ogg/FLAC/APE (USB Flash drive) files that are playable on this device have the file extensions.

WMA is not supported for the following files, Windows Media Audio Professional, Windows Media Audio 10 std or Windows Media Audio 10 Pro Lossless.

There are many different versions of the AAC format. Confirm that the software being used conforms to the acceptable formats listed above. It's possible that the format may be unplayable even though the extension is valid.

Playback of AAC files encoded by iTunes is supported.

WAVE (USB Flash drive)

Filename : .wav

Container: Waveform Audio File Format(base on RIFF) Audio Coding: LPCM,IMA-ADPCM

WMA (USB Flash drive)

Filename : .wma,.asf

Container: Advanced Systems Format(ASF) Audio Coding: WMA STD

* Support object: Content Description Object: only Title, Artist

AAC (USB Flash drive)

Filename : .aac

Container: Audio Data Transport Stream (ADTS) Audio Coding: AAC-LC/HE-AAC

AC3 (USB Flash drive)

Filename : .ac3,.ec3 Container: AC3 bit streams Audio Coding: AC3 Container: Enhanced AC3 Bit Stream Audio Coding: E-AC3

MPEG (USB Flash drive)

Filename : .mp1 Container: MPEG PS Audio Coding: MP1 Filename: .mp2,.mpa Container: MPEG PS Audio Coding: MP2 Filename : .mp3 Container: MPEG PS Audio Coding: MP3

* Support Tag:ID3V1 ID3v2.3 : only TPE1, TALB, TCONTIT2, TYER

Filename : .mp4,.m4a Container: MP4 File Format Audio Coding: AAC-LC,HE-AAC

OGG (USB Flash drive)

Filename. : .ogg Container: Ogg Audio Coding: Vorbis

FLAC (USB Flash drive)

Filename. : .flac Container: FLAC Audio Coding: FLAC

APE (USB Flash drive)

Filename. : .ape

Container: APE (Monkey's Audio Lossless Audio File) Audio Coding: Monkey's Audio Audio Coding: MP1 / MP2 / MP3, AC3, LPCM

File Name:.dat

Video Coding: MPEG-1 Video

Audio Coding: MPEG-1 Audio Layer II

Format: MPEG4

Audio Coding: MP3, AAC-LC/HE-AAC, AC3, LPCM

CAUTION

Except for private use, duplicating audio 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.

Terminology

Bit rate: This is the “sound” compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files.

Sampling rate This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data.

Encoding Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format.

Tag Song information such as track titles, artist names, album names, etc., written into MP3/ WMA/AAC/FLAC/WAVE/Ogg/APE (USB flash drive) files.

Root folder The root folder (or root directory) is found at the top of the file system. The root folder contains all folders and files. It is created automatically for all burned discs.

2000 Connection (UTE-MN801 ONLY)

Using the UTE-MN801 with an 2000® Marine Network

The 2000 bus allows equipment from multiple marine electronics brands to communicate over a single network. Everything from navigation displays to sensors—and even audio systems—can share information.

The UTE-MN801 is fully compatible with 2000 and can send audio information and accept audio control commands from other devices on the network. This means most connected navigation screens can display audio data and provide basic control of the stereo.

Compatible 2000 Displays

The following -capable displays are confirmed to work with the Alpine UTE-MN801 for audio control and feedback:

- **Lowrance:** Elite FS and HDS PRO
- **Simrad:** NSS, NSX, and GO series
- **Garmin:** GPSMAP series

These displays provide basic audio information and control, including:

- Current audio source
- Source details (track, station, etc.)
- Switching between sources
- Volume up/down
- Seek up/down
- Bass, mid, and treble adjustments

2000 Connection (UTE-MN801 ONLY)

Connecting to a 2000 Network

To integrate the UTE-MN801 into your boat's 2000 network, follow these guidelines:

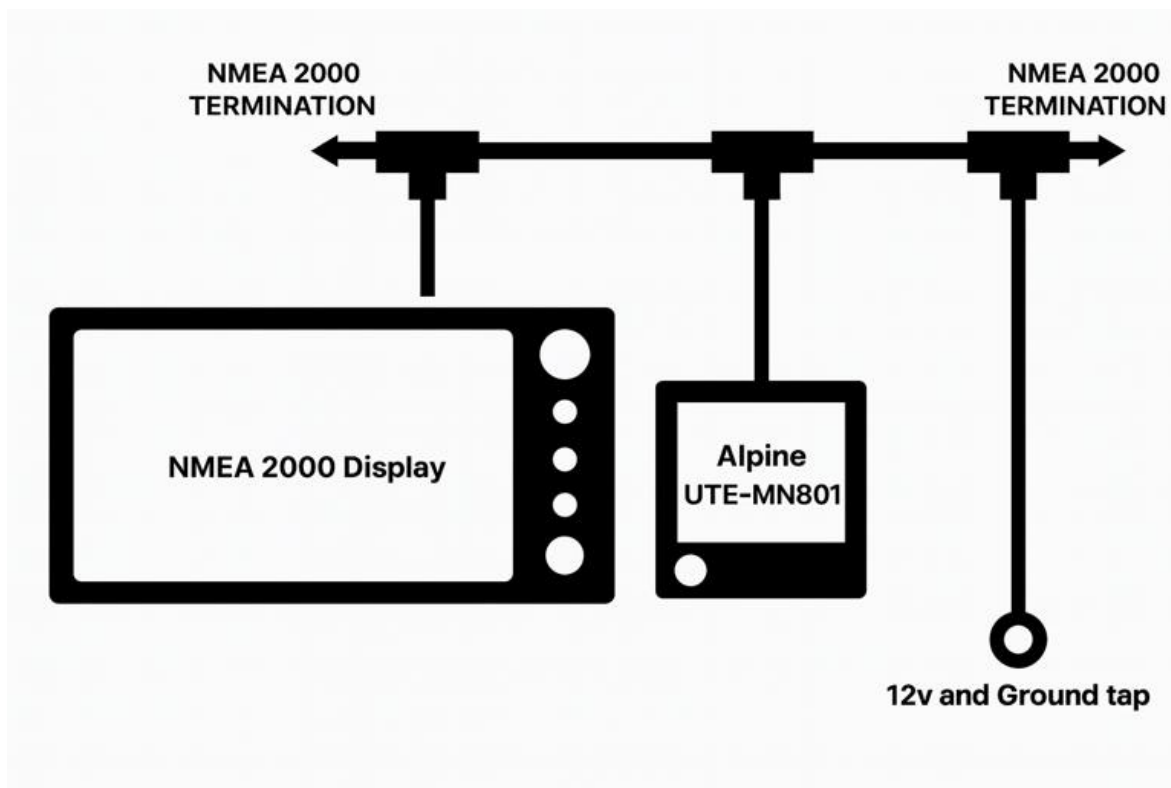
If a 2000 backbone already exists:

1. Locate an open T-connector on the backbone and plug the cable from the UTE-MN801 into the open T.
2. If all T-connectors are occupied, an additional T-connector and a short backbone/patch cable will be needed to allow the UTE-MN801 to be added.

If no 2000 network is currently installed:

A 2000 starter kit is required (sold separately). These are commonly available from multiple manufacturers and sold through Marine Electronics Retailers. Contact your dealer for more information.

Starter kits include the backbone cable, terminators, power tap, and T-connectors. Follow the instructions in the kit to assemble the backbone correctly, then connect the UTE-MN801 to one of the included T-connectors.



Note – the UTE-M701 does not have 2000 connection capability!

Troubleshooting

Basic

No function or display.

- Vehicle's ignition is off. - If connected according to the instructions, the unit will not operate with the vehicle's ignition off.
- Improper power lead connections. - Check power lead connections.
- Blown fuse.
Check the fuse on the battery lead of the unit; replace with the proper value if necessary.

No sound or unnatural sound.

- Incorrect setting of volume/balance/fader controls. - Readjust the controls.
- Connections are not properly or securely made. - Check the connections and firmly connect.
- Temperature in the vehicle is too low. - Increase the vehicle's interior temperature to operation temperature range.
- Connections to the Auxiliary Device are not securely made. - Check the connections and firmly connect.
- Temperature in the vehicle is too high.- Allow the vehicle's interior temperature to cool.

Troubleshooting

Radio

Unable to receive stations.

- No antenna, or open connection in the antenna cable. - Make sure the antenna is properly connected; replace the antenna or cable if necessary.

Unable to tune stations in the seek mode.

- You are in a weak signal area. - Change the radio frequency manually.
- If the area you are in is a primary signal area, the antenna may not be grounded and connected properly. Check your antenna connections; make sure the antenna is properly grounded at its mounting location.
- The antenna may not be the proper length. - Make sure the antenna is fully extended; if broken, replace the antenna with a new one.

Broadcast is noisy.

- The antenna is not the proper length. - Extend the antenna fully; replace it if it is broken. The antenna is poorly grounded. Make sure the antenna is grounded properly at its mounting location.

The station signal is weak and noisy.

If above solutions do not work, tune in another station.

Troubleshooting

USB Audio

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected, or then consult your authorized Alpine dealer.

This device is not supported

- Unsupported device.
Change to play supported USB device.

Device No Response.

- No response from the device.
No Audio file on the USB drive.
- There is no audio data in the current video file.
Audio format not supported
- Not supported audio format.
Download supported audio format to USB flash drive.
Audio track not supported
- Prompts fast forwarding / reversing or jumping on current audio is not supported.
Change the current audio format.

No Artist (/ No Song / No album)

- There are no tag-info in the USB Audio / iPod Audio.
Change to play audio-file with tag-info

Bluetooth

No Bluetooth device found

- The Bluetooth audio device was not connected correctly.
Check the settings for the unit and the Bluetooth audio device and reconnect

Specifications

GENERAL

Power Requirement 14.4 V DC (11 – 16 V allowable)

Operating temperature -4°F to +140°F (-20°C to + 60°C)

Storage temperature -22°F to +158°F (-30°C to + 70°C)

Power Output 17 W RMS × 6

*2 Primary amplifier ratings per CEA-2006 Standard

Power output: measured at 4 Ohms and ≤ 1% THD+N

S/N: 85 dBA (reference: 1 W into 4 Ohms)

*1 Frequency response may differ depending on the encoder software/bit rate.

Bluetooth V5.2

Profile A2DP v1.3, AVRCP v1.6

Frequency Range 2402~2480MHz Distance >10M

Power Consumption Compliant with Class 1 requirements

FM TUNER

Tuning Range 87.7 – 107.9 MHz (USA)

87.5 – 108 MHz (Europe)

AM TUNER

Tuning Range 530 – 1710 kHz (USA) 522 – 1620 kHz (Europe)

USB SECTION USB 2.0

1,500 mA USB Play From Fat 32 Device

CHASSIS SIZE

Width Height Depth 188.9 mm 63.3 mm 101.6 mm

**Due to continuous product improvement,
specifications and design are subject to change
without notice.**

Installation and Connections

Before installing or connecting the unit, please read the following and pages 5 to 8 of this manual thoroughly for proper use.

WARNING

KEEP SMALL OBJECTS SUCH AS SCREWS OUT OF THE REACH OF CHILDREN. Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

MAKE THE CORRECT CONNECTIONS.

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

USE ONLY WITH 12 VOLT NEGATIVE GROUND SUPPLY.

(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 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, gear lever, brake pedals, etc. can be extremely hazardous.

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 INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

Installation and Connections

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.

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.

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

Route the cables and wiring away from moving parts 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.

Precautions

Be sure to connect the color-coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.

When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the unit to the fuse box, make sure the fuse for the intended circuit of the unit has the appropriate amperage. When in doubt, consult your Alpine dealer.

The unit uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized Alpine dealer for assistance.

Be sure to connect the speaker (–) leads to the speaker (–) terminal. Never connect left and right channel speaker cables to each other or to the vehicle body.

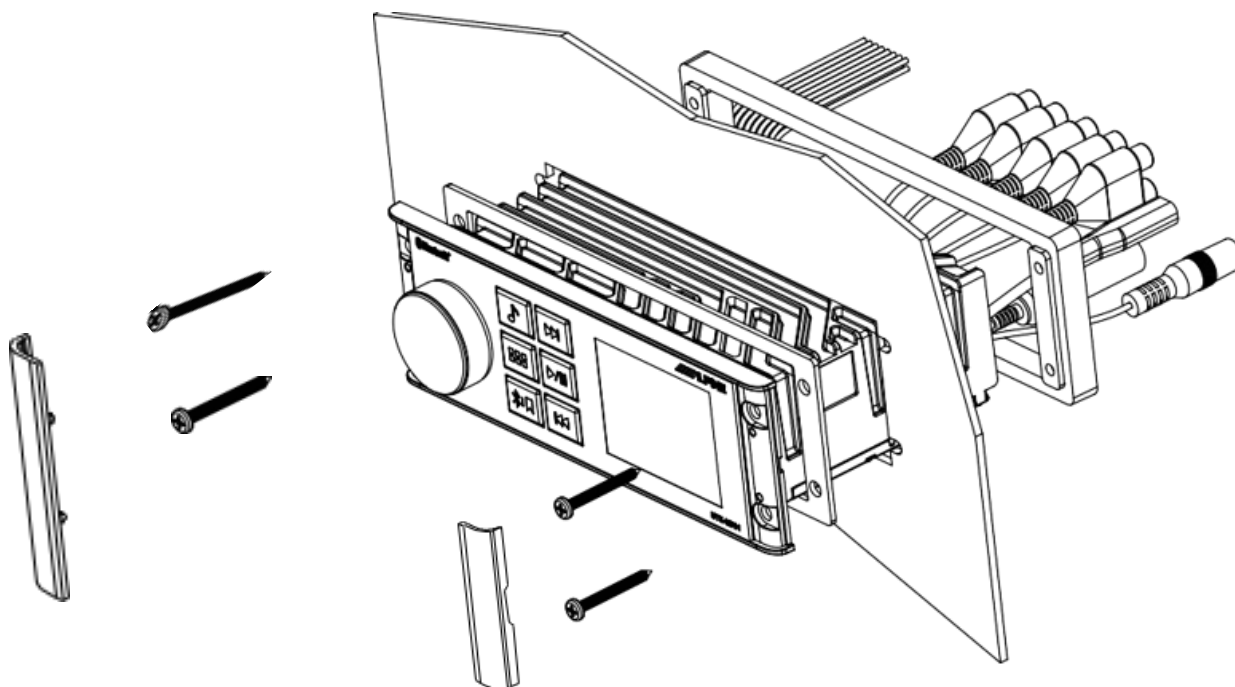
Accessory List

Main unit	1	Trim	2
Rear mount bracket	1	USB Cable (TYPE C)	1
Screws	4	Water Resistant Foam	1

Installation and Connections

Caution concerning the installation location:

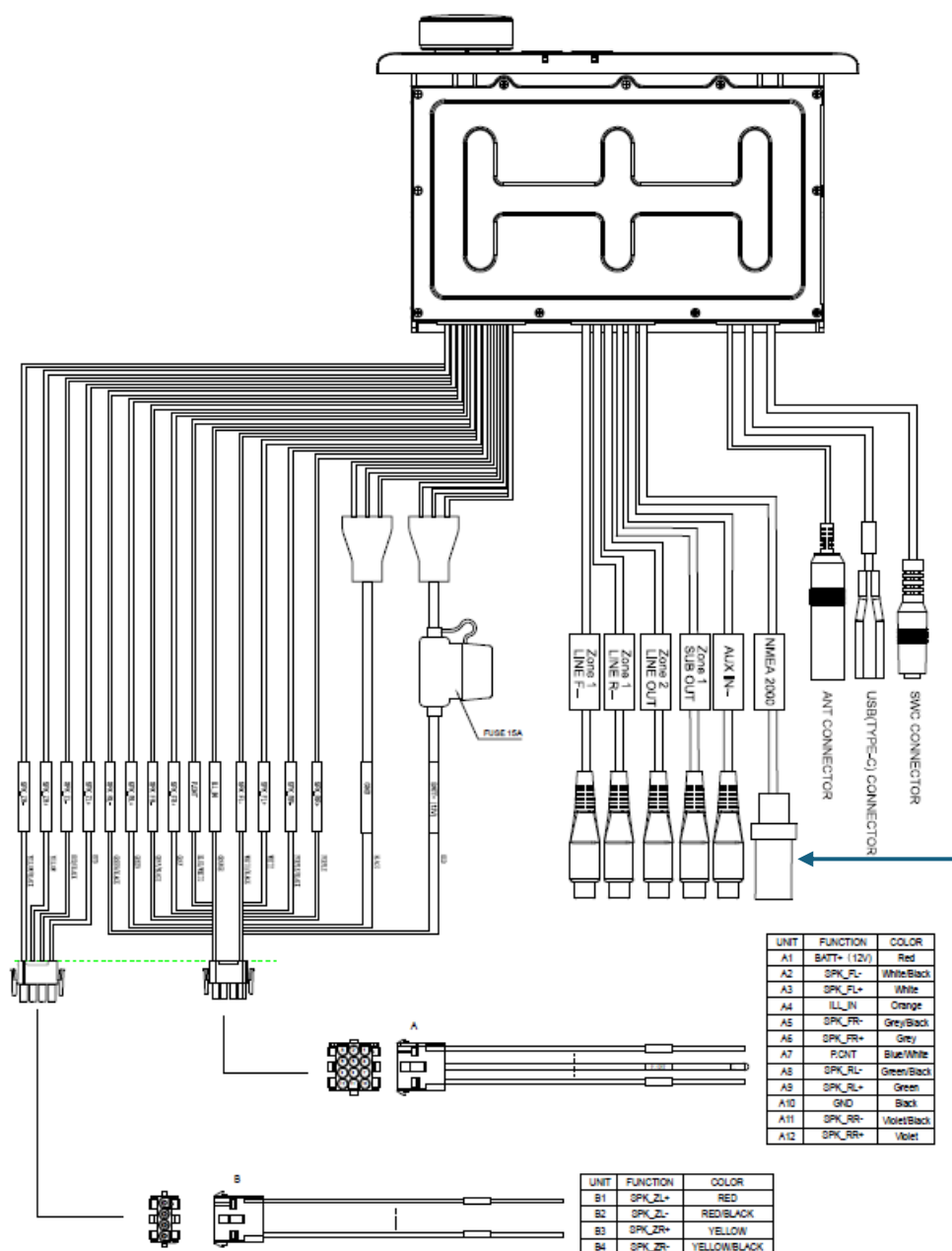
The system allows you to secure the faceplate of the radio via 4 hidden corner screws. If your application requires you to cut the required 6.45 Inches wide X 2 Inches tall X 4 inches deep (164wx51tx102d) please make sure to verify that the location you choose is free from all wires, cables, or devices behind the location you plan to cut. Once the hole is cut, please use the four front screws to securely mount the unit. The 2 trim pieces are used to cover the mounting holes.



Installation and Connections

To securely connect the ground lead, use an already installed screw on a metal part of the vehicle or a clean, bare metal spot on the vehicle's chassis. If using in a boat or another application where there is no metal chassis, connecting directly to the negative terminal of the battery may be required.

Fix the cables carefully. Do not damage them by mounting them into movable parts, or by locating them against sharp or pointed edges.



Note – 2000 plug is on the UTE-MN801 only

Installation and Connections

Remote Turn-On Lead (Blue/White)

Connect to the remote turn-on lead of your amplifier or signal processor.

Illumination Lead (Orange) Connect to the illumination circuit of the vessel (if equipped)

Right Front (+) Speaker Output (Gray)

Right Front (-) Speaker Output (Gray/Black)

Left Front (+) Speaker Output (White)

Left Front (-) Speaker Output (White/Black)

Right Rear (+) Speaker Output (Violet)

Right Rear (-) Speaker Output (Violet/Black)

Left Rear (+) Speaker Output (Green)

Left Rear (-) Speaker Output (Green/Black)

Zone 2 Left (+) Speaker Output (Red)

Zone 2 Left (-) Speaker Output (Red/Black)

Zone 2 Right (+) Speaker Output (Yellow)

Zone 2 Right (-) Speaker Output (Yellow/Black)

Switched Power Wire (Ignition) (Red)

Connect to the vessel fuse box or another unused power source that provides (+) 12V only when the ignition is turned on or in the accessory (ACC) position.

Ground Wire (Black)

Connect to chassis ground or directly to the negative terminal of the battery.

Rear Output RCA Connectors RED is right and WHITE is left.

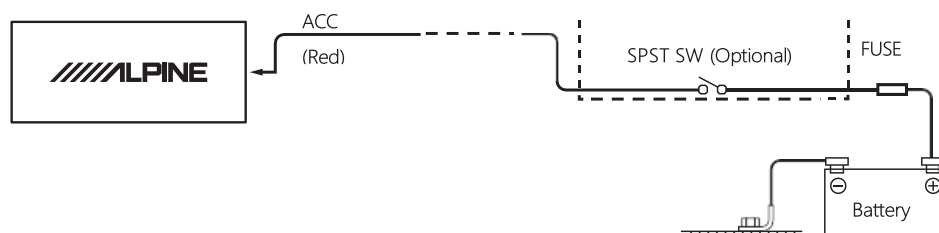
Front Output RCA Connectors RED is right and WHITE is left.

Subwoofer RCA Connectors RED WHITE is mono

AUX INPUT RCA Connectors Connect to an auxiliary audio source

USB Connector (Type C) Connect to a USB flash drive.

If your vessel is not equipped with an ACC switch, add a Single-Pole, Single-Throw) switch (sold separately). See the diagram below:



RUE-M101 Remote (Sold Separately)

To connect the RUE-M101 to the UTE-M701 or UTE-MN801

- From the MAIN MENU, Select Remote Controller
- Once on the Remote Controller screen, press any key on the RUE-M101 to pair it.
- When the RUE-M101 is successfully paired, the “Paired remote controller” on the screen will update and show how many remotes are paired to the head unit.
- A maximum of 8 RUE-M101 controllers can be paired.



Note – the RUE-M101 is powered by a single CR2032 Battery, which is NOT included with the remote. Battery life is up to 3 years.

 : Switch to previous track/radio frequency. Long press to seek previous station/fast rewind.

 : Switch to next track/radio frequency. Long press to seek next station/fast forward.

 : Decrease the volume level.

 : Increase the volume level.

 : Short press to switch the source.

 : Play/Pause

Warranty Information

IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number plate is located on the bottom of the unit.

SERIAL NUMBER:

INSTALLATION DATE:

INSTALLATION TECHNICIAN:

PLACE OF PURCHASE:

To prevent external noise from entering the system.

- Locate the unit and route the leads at least 10 cm away from the main harness.
- Keep the battery power leads as far away from other leads as possible.
- Connect the ground lead securely to the chassis or directly to the battery.
- If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.
- Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.

Warranty Information

LIMITED WARRANTY

Alps Alpine North America, Inc. ("Alpine"), is dedicated to quality craftsmanship and is 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 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, Mexico, Brazil, Argentina 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:

- Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
- 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.
- Damage caused by negligence, misuse, improper operation, or failure to follow instructions contained in the Owner's manual.
- 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. Service performed by an unauthorized person, company, or association. Any product which has the serial number defaced, altered or removed.
- Any product which has been adjusted, altered, or modified without Alpine's consent. Any product not distributed by Alpine within the United States, Puerto Rico or Canada. Any product not purchased from an Authorized Alpine Dealer.

HOW TO OBTAIN WARRANTY SERVICE:

- A 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.
- B You should provide a detailed description of the problem(s) for which service is required.
- C You must supply proof of your purchase of the product.
- D 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.

About the Rules of Bluetooth Electromagnetic Radiation Regulation USA/Canada

FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help

IC Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

“La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.” resolution 680: “Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.”

Don't forget to take a moment to protect your purchase by registering your product now at the following address: [www.alpine-usa.com/ registration](http://www.alpine-usa.com/registration).

N'oubliez pas de consacrer un moment à la protection de votre achat en enregistrant votre produit dès maintenant à l'adresse suivante : www.alpine-usa.com/registration.

Recuerde que con solo unos pocos pasos podrá proteger su producto, registrándolo a través de la siguiente dirección: [www.alpine-usa.com/ registration](http://www.alpine-usa.com/registration).

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Detailed license notice, full license texts and machine readable copy of the corresponding source code are readily available on our OSS website (*)

* <http://www.alpine.com/e/oss/download>

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