

Radio Operating Instruction

RADIO BOX
PN : 621-8167 / 621-8168

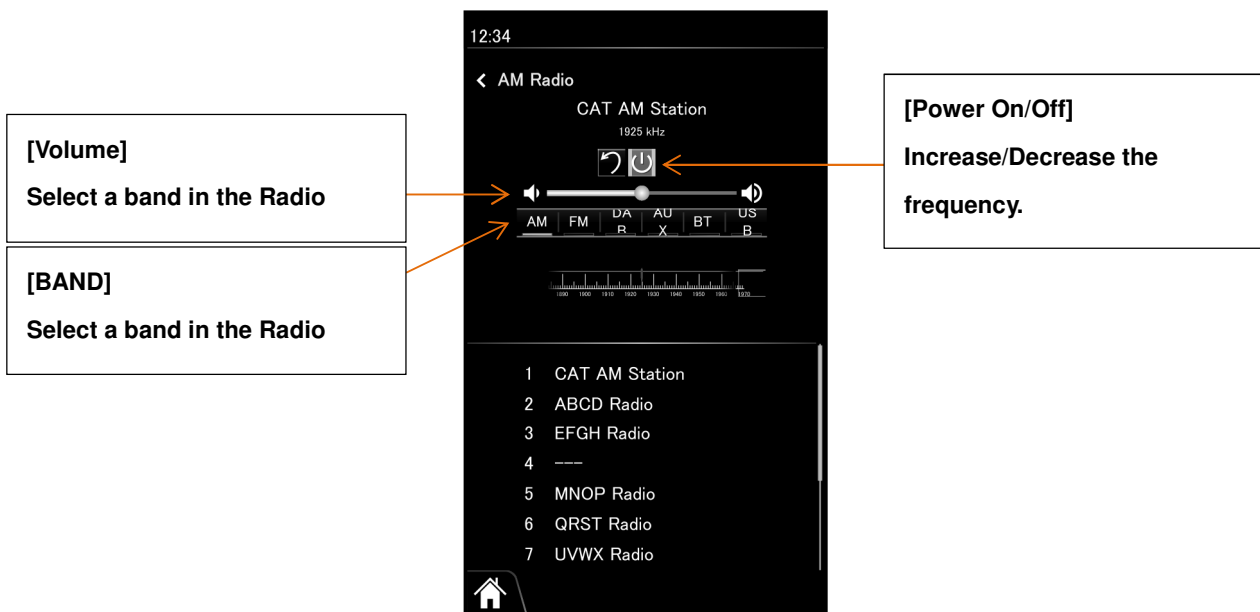


WMA

MP3

CATERPILLAR®

General



Power On/Off

Set your vehicle's Key to the ACC or ON position

Power On: Press “”

Power Off: Press “”

Source Selection

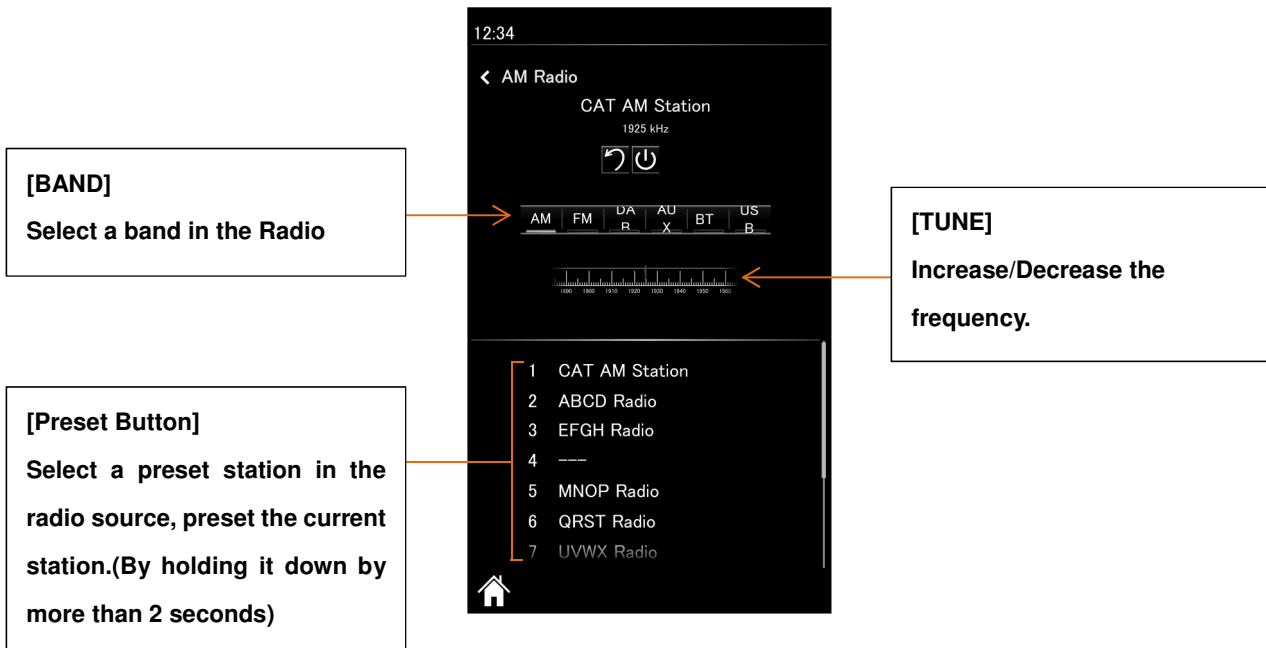
Press [AM], [FM], [DAB], [AUX], [BT] or [USB] to change the source.

Volume Adjustment

(Setting range: 0 to 20, Default 10)

Touch the Volume indicator. Right direction to increase the volume, and Left direction to decrease the volume.

Radio Operation -AM/FM/DAB-



Operation Flow

1. Press [AM] or [FM] to select a band.
2. Select station

Frequency Adjustment

Touch the indicator. (Right side: Higher, Left side: Lower)

Preset Station Selection

Press the preset channel button from 1 to 7 to tune in a preset station

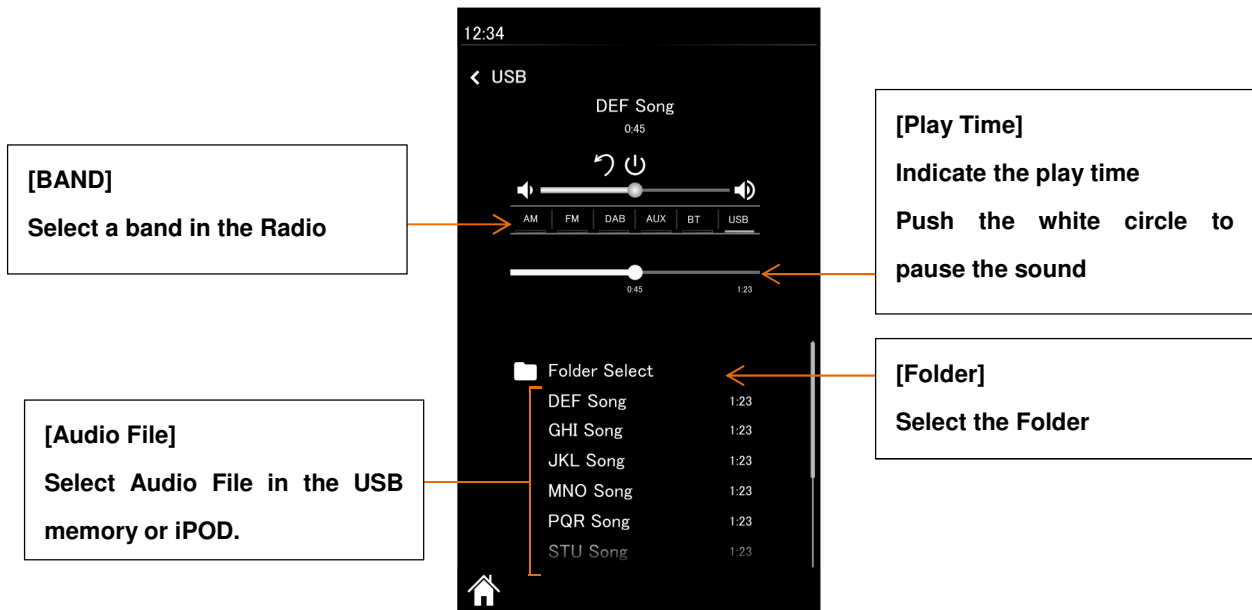
Station Preset

The 7 stations with good reception will be manually saved in the memory under preset 1 to 7. Preset stations can be simply called up by pressing 1 to 7.

Manual Preset Memory

1. Use tuning to find a station
2. Press and hold one of the preset button 1 through 7 on the screen by more than 2 seconds.

USB/Bluetooth® Music Operation



Operation Flow

1. Press [BT] or [USB] to select a band.
2. Connect the USB memory or iPOD to USB port.
3. When connect the USB memory or iPOD, the radio stream the sound automatically.

4. **Folder Selection**

Touch the [Folder Select] and select the folder name.

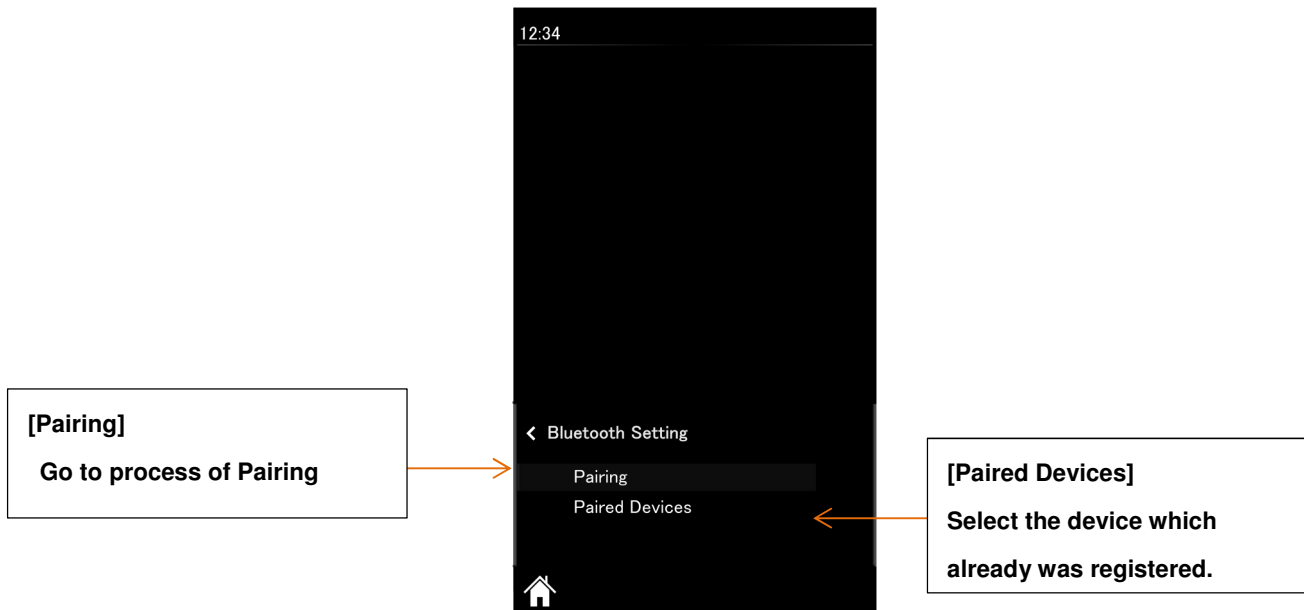
File Selection

Touch the file name

Pause

Touch the white circle on the play time

Bluetooth® - General



Operation Flow

1. Pairing

Press the [Pairing] button to make this unit standby for pairing with waiting status.

2. Operate you Bluetooth device to input the PIN code for connection. (Default PIN code is "0000")

Once pairing is successful, the registered Bluetooth device can automatically communication with this unit.

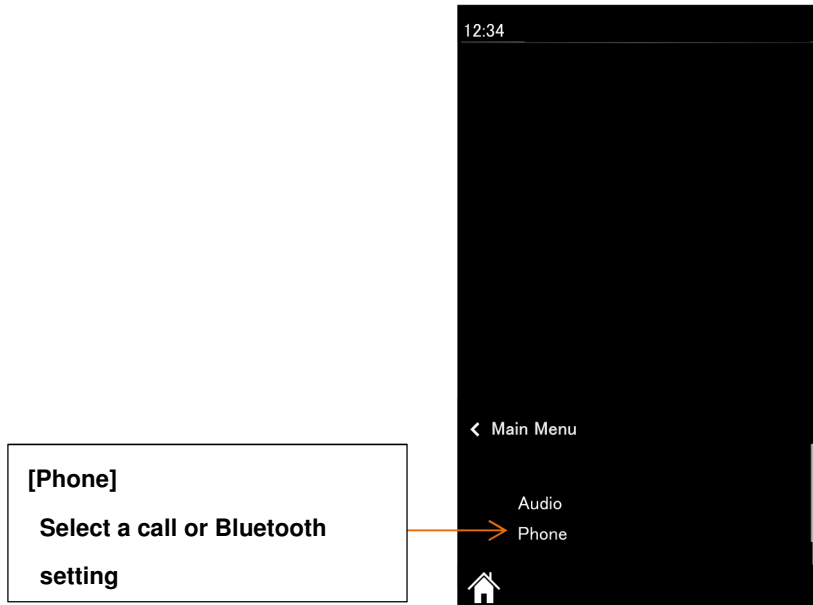
Paired Devices

Press "Paired Devices" button to delete the registered device.

Note

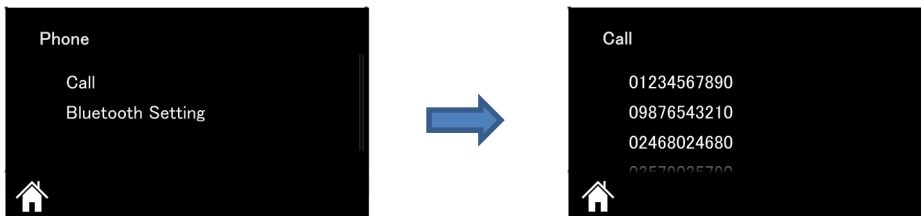
- If registration is not successfully completed within 1 minute, "Time out" appears.
- If registration fails because of mismatched PIN code, "BT PIN Error" appears.
- Depending on the communication status, it may take 5 to 40 seconds for device connection.

Bluetooth® - Hands Free Phone-



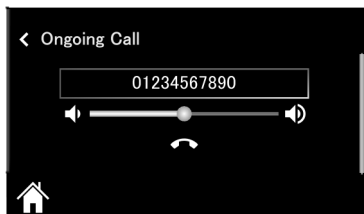
Phone Call

Select the [Phone] and select the [Call]. And select the phone number.



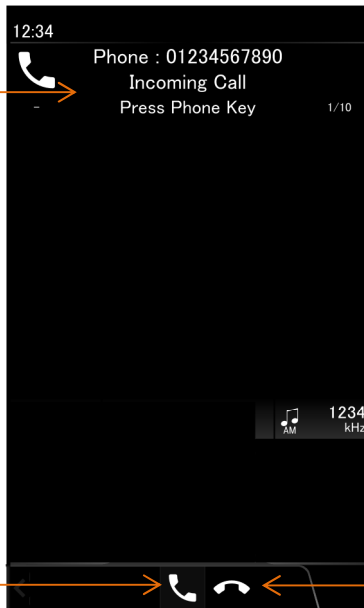
Phone Hanging Up

Press “📞” during a call.



Phone Answering/ Reject


[Incoming Call Message]
Indicate during a call incoming/
making a call



[Phone Answering]


[Hanging Up]

Phone Answering

Press “” button during a call incoming.

The “Incoming Call” message blinks during a call incoming.

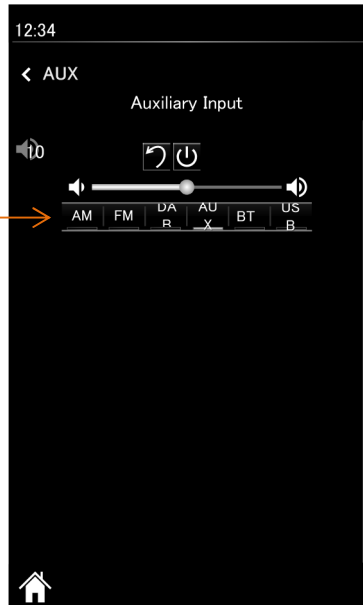
Phone Reject/Hanging Up

Press “” button when reject a call incoming or hang up a call.

AUX Operation

[BAND]

Select a band in the Radio



Operation Flow

1. Press [AUX]
2. Connect the Sound equipment via Stereo jack.
3. When connect the Sound equipment, the radio stream the sound automatically.

Model : 621-8167 / 621-8168

Specifications

General

- Power supply : 24 VDC (12V / 24V),
test voltage 24V,
negative ground
- Current consumption : Less than 3 A (during
USB playback)
- Power Output : 15 W x 2 ch
(DIST=10% x 2ch)
- Maximum power output : 30 W x 2 ch
- Compatible speaker
impedance : 8 Ω
- Dimensions (W x H x D) :
175 x 50 x 121.5 mm
- Weight : 540 g

FM stereo radio

- Frequency range :
North America 、 **Latin America**
87.5~107.9 MHz (200 KHz/STEP)
Japan
76.0~108.0 MHz (100 KHz/STEP)
Oceania
87.5~108.0 MHz (100 KHz/STEP)
Europe 、 **Asia**
87.5~108.0 MHz (50 KHz/STEP)
- Usable sensitivity : 6 dB/μV
- Stereo separation : 35 dB (1 kHz)
- S/N ratio : 56dB

AM radio

- Frequency range :
North America
530~1710 kHz (10 KHz/STEP)
Latin America
530~1710 kHz (5 KHz/STEP)
Japan 、 **Europe** 、 **Asia** 、 **Oceania**
522~1629 kHz (9 KHz/STEP)
- Usable sensitivity : 33 dB/μV

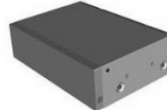
USB

- USB standard
- compatibility: 1.1/2.0 Full speed
- File system: FAT12/16/32
- Power off maximum supply current for apple
ipad: 2 A
- Playable audio format: MP3/WMA
- capacity/partition: Less than 32 GB/Only
supported for 1 partition.

Bluetooth®

- Frequency: 2400 ~ 2483.5 MHz
- RF Transmit Power(Basic Rate): -6 ~ +4dBm
- Bluetooth® Version: Version 4.2

Operating temperature : -40°C~85°C



Dealer Name: ZEPPELIN BAUMASCHINEN GMBH
Physical Address:
Zeppelinstrasse 2
03099 Kolkwitz-Krieschow
Deutschland

Website: <https://www.zeppelin.com/de-en/cat/>

FCC Statement:

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.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

ISED Statement:

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-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 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.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et un corps humain.