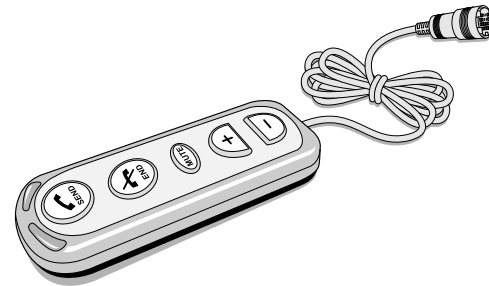


**JBHW - 0310
HANDS FREE KIT FOR
BLUETOOTH MOBILE PHONES**

Installation and User Guide

(Please read this manual before installing and using)



Before install this Hands Free Kit in your vehicle, please read this manual for your reference in the future.

Features

This Hands Free Kit enables you to use your phone wirelessly in the vehicle.

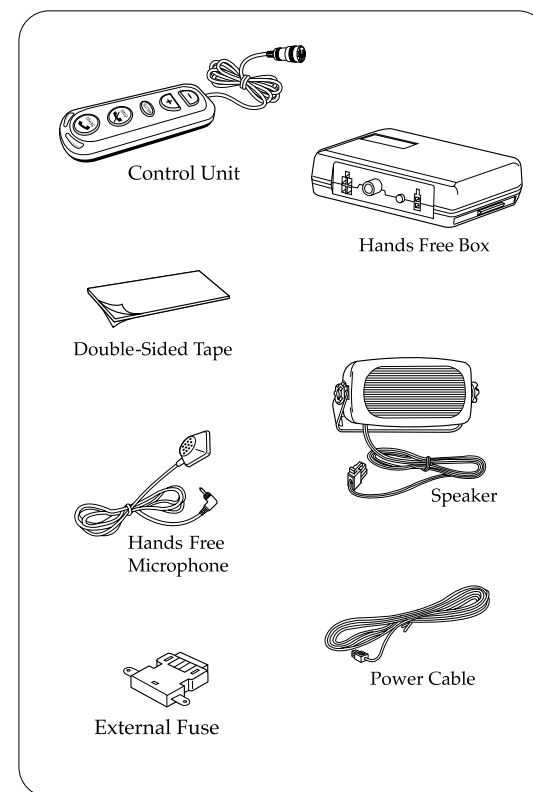
- ◆ Automatically connects to your mobile phone when you are powered and within range (10m) using Bluetooth technology.
- ◆ Send and receive calls without picking up the phone.
- ◆ Talk on the phone without any restrictions allowing you to drive safely.
- ◆ Radio Mute turns your radio off on receiving a call.
- ◆ Can be installed with constant power as well as separate ignition acc sensor power.
- ◆ Full Duplex.
- ◆ 12-24 Volts for use in all vehicles including passenger cars, trucks and buses.

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In the box

When you buy this Hands Free Kit, please check that all components are in the box.

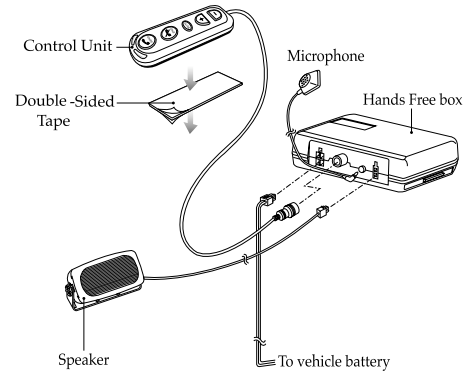


Please read this manual before installing this Hands Free Kit in your vehicle.
Please pass User Guide onto the Customer.

Installation

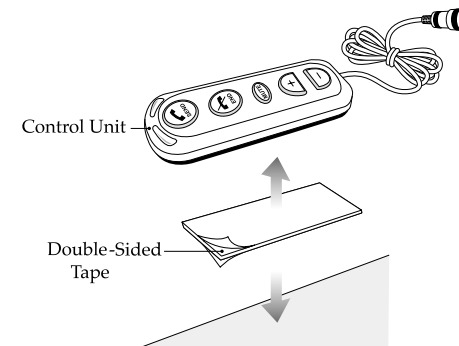
- Select a suitable place to install the Hands Free Kit to avoid disturbance while in use.
- When you install the microphone, please select a place least affected by external noise (wind, radio and etc.) Above and in front of the head is best.
- You can use a 12V~24V battery.
- Avoid high temperature and extreme vibration.
- Before installing, check that lengths of cables are ok for the required positions of devices.

Hands Free Kit connection diagram



Control Unit

1. Choose a suitable mounting location position for easy access while driving.
2. Attach the control unit with the provided double-sided tape.

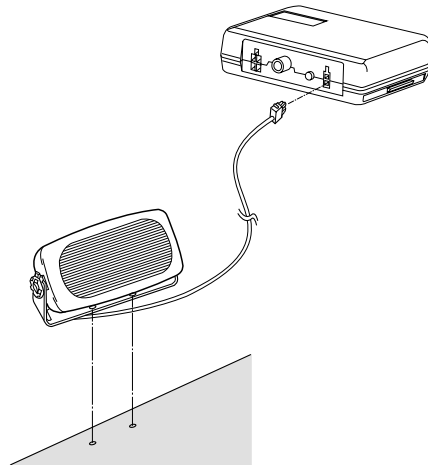


Hands Free speaker

1. Connect the speaker's connector plug to the speaker terminal on the Hands Free box.
2. Select proper mounting location for the speaker.

Note : Speaker is generally installed on the side of the passenger's seat.

3. Drill the pilot holes using a drill bit, and install the mounting bracket by using the screws supplied. Screw properly to prevent vibration while driving.



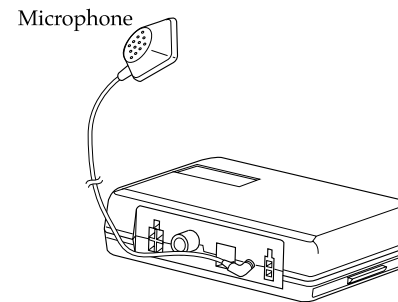
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Hands Free microphone

1. Connect the microphone's connector jack to the 'MIC' terminal on the Hands Free box.
2. Install the microphone at the proper location.

- The Hands Free microphone should be installed within 30 ~ 45cm proximity of the driver's normal speaking location. For optimum performance, attach the microphone to the rear of the driver's sunvisor or appropriate place.

- Care should be taken to position the microphone in a location which will be least susceptible to interference caused by external noise sources, for example, adjacent windows, radio speakers and etc.



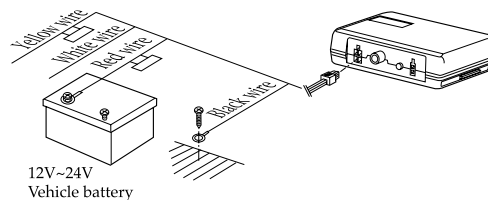
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Connecting the power supply cable

1. There are four loose wires that can be connected to the car for the proper Hands Free Kit operation. When connecting the wires from the cable harness, be sure to avoid any sharp edges or moving parts.

Note: Connect the red and yellow wires to the supplied fuses, Then connect the short wires from the other side of the fuse, to the battery.

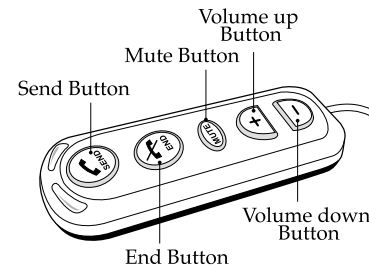
- The red wire must be connected to the vehicle battery. Depending on how your vehicle is equipped, an auxiliary power connection may be found under the dash or near the fuse box. In newer vehicles there may be a fuse box location for a cellular phone. Consult your vehicle owners manual. The red wire must have the external fuse supplied.
- Be sure to use a 250V/3A fuse.
- The black wire must be connected to the vehicle ground(GND) . Attach to the vehicles chassis.
- The yellow wire is the ignition acc on sensor. wire must be connected to the switched side of the ignition switch.
- The white wire is the stereo mute. (Optional use)
 - Connecting method: Connect this wire to the stereo mute wire from your vehicle stereo.(check your vehicle stereo owner's manual, or if the stereo is factory installed, check the vehicle owner's manual).



User Guide

How to use The Control Unit.

- The control unit enables you to set up and use the Hands Free Kit.



*What is Pairing?

- Before you use Hands Free Kit, you must link it to your phone. Once the Hands Free Kit and phone are paired, the Hands Free Kit will automatically connect to your phone every time you start your vehicle or power.

Pairing - Headset or Handsfree Profile

- 1) Check the bluetooth profile of your phone.(refer to the compatible phones in page 14)
- 2) If your phone is using headset profile, press and hold Volume up Button until you hear a beep sound from the Hands Free Kit.
- 3) If your phone is using handsfree profile, press and hold Volume down Button until you hear a beep sound from the Hands Free Kit.
- 4) Now, the Hands Free Kit is on the pairing mode.
- 5) Start pairing with your phone.
(refer to your phone manual) on the Hands Free Kit.

Pairing with a phone: Example

Note: These instructions may differ from your phone but will be the same process.

1. Put the handsfree kit into Pairing mode in section above.
2. In your phone's Menu find Bluetooth and turn ON.
3. Make sure your phone is visible to other devices.
4. Search for a New Paired device.
5. Select JBHW-0310 and enter password "0000".
This completes pairing.
6. Next select options for JBHW-0310 set as authorized.
7. Next select options for JBHW-0310 and select Connect.
(Optional for compatible phones)

Making a Call

- 1) Dial a number on your phone and press Send Button on control unit.
- 2) If you press Send Button without dial, Hands Free Kit will connect to your last call. (Some phones do not support this function)

Ending a Call

- 1) Press End Button to end a call.

Voice Dial (set up in your phone first)

- 1) Press and hold Send Button for 3 second until the Red LED turn on.
- 2) You will hear a beep sound.
- 3) Say the name of the entry you want to call.

Receiving and Rejecting a Call

- 1) Press Send button to receive an incoming call.
- 2) Press End Button to reject an incoming call.
(To use this function, Handset has to be supported by Handsfree profile)

Transferring a Call

(For the Handset supported by Handsfree profile only)

- 1) From the Hands Free Kit to the phone.
- During a call, press Send button.
- 2) From the phone to the Hands Free Kit.
- During a call, press Send button.

Speaker Volume

- 1) Press Volume UP button to increase Speaker Volume level.
- 2) Press Volume Down button to decrease Speaker Volume down.
- 3) There are 6 volume levels. If you increase the volume level, you hear a beep sound at 6.
- 4) You cannot decrease the volume level but hear a beep sound if you try to decrease volume level past level 1.

Microphone Volume

- 1) Press and hold Mute button for 3 second to increase microphone volume.
- 2) There are 4 microphone volume levels. You will hear a beep sound if you try to increase volume level at level 4. If you press Mute button for 3 second after hearing a beep sound, microphone volume level will be reset.

Microphone Mute

- 1) Press Mute button to Mute on & Mute off.
- 2) You have to Mute off before ending a call or Hands Free Kit will keep "Mute On" until you press mute button again or reset the Hands Free Kit.

Deleting Paired Device

- Press and hold Send + End button for 3 second.

*** LED Indications**

Status	Indicate
No Paired & No Connect	Red Off & Green Off
Standby Pairing	Red & Green Flick
Paired & No Connect	Red On & Green Off
Paired & Connect	Red On & Green On
Press Key	Red Off ⇒ Red On

Headset profile (use volume up button for pairing)**HeadsFree profile** (use volume down button for pairing)

Bluetooth Mobile Phone Models	Pairing Mode	
	Hands free	Headset
Ericsson T68		✓
Ericsson T68i (R6 and below)		✓
Ericsson T68i (R7)	✓	
Ericsson T39m		✓
Ericsson P800 / P900		✓
Ericsson T610	✓	
Ericsson T630	✓	
Ericsson Z600	✓	
Motorola V600	✓	
Nokia 6310/6310i	✓	
Nokia 8910	✓	
Nokia 8910i	✓	
Nokia 3650	✓	
Nokia 6230	✓	
Nokia 6650	✓	
Nokia 6600	✓	
Nokia 6820	✓	
Nokia 7600	✓	
Panasonic X70	✓	
Sharp GX30		✓
Siemens S55	✓	
Siemens SX1	✓	
O2 XDA2		✓
O2 XPhone		✓

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

IMPORTANT NOTE : To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.