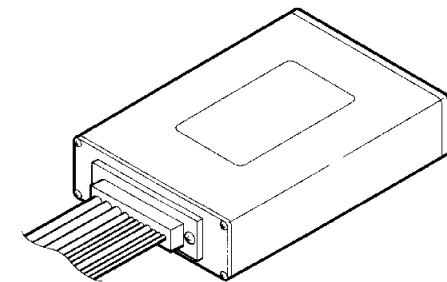


**HONDALINE®**

**OWNER'S INSTRUCTIONS**

**CB Radio System**

**MOTORCYCLE CB RADIO**



REF. NO.: JC-215H-52/53  
P/N: 08E95-MCA-1000-81  
280-7600-00

**P/N: 08E95-MCA-1000-81**

\* This CB radio complies with the FCC Rules and Regulations.

### **WARNING**

- Never use the CB radio in a way of posing danger for riding, such as the operation of the controller with your hand away from the handlebars.
- Never replace parts or disassemble/modify the CB radio in a manner which may impair the original features of the CB radio, violating the Federal Communications Commission (FCC) Rules and Regulations.
- The Citizens Band (CB) Radio Service is under the jurisdiction of the FCC. Any alterations such as replacing any parts in the CB radio which alter the performance of the transceiver's original FCC type acceptance are strictly prohibited.
- Read carefully Part 95 of the FCC Rules and Regulations before using the device.
- FCC ID; AX292AJC216H  
This device complies with part 15 of the FCC rules.  
Operation is subject to the condition that this device does not cause harmful interference.

### **CAUTION**

- This CB radio has been approved by the Federal Communications Commission (FCC) in the U.S.A. and the Department Of Communications (DOC) in Canada, and has the "type acceptance" labels on it. Before operating a CB transmitter in Canada, you must have authority from the DOC in Canada. Also, you must agree to follow the rules set by the DOC in Canada. Effective June 1983 a license to operate a citizens band radio is no longer required in the U.S.A. Read the rules for operating a CB transmitter carefully.
- Following them is the least you can do to become a good CBer.
- Carefully read the "OWNER'S INSTRUCTIONS and New CB Rule" before operating the CB radio. Learn and observe all the rules.

## Introduction

**Congratulations! You have made the right choice. This transceiver will make riding your motorcycle more enjoyable.**

- Before using this CB radio, read the Owner's Instructions carefully and use it properly so that its performance is fully delivered and it is used effectively.
- Store this manual on your motorcycle so that you can refer to it any time you need it. Make sure you read and understand the manual before you start using the transceiver as incorrect operation could lead to a traffic accident.
- Warranty Card will be given and filled by the dealer where you purchased the CB radio. Check the details of the Warranty Card and keep it with the Owner's Instructions.

## Notes on Safety

### Explanation of Signal Words in the Instructions

The owner's instructions should be considered a permanent part of the motorcycle and should remain with the motorcycle when resold. Before reading the body text of the instructions, read and understand the meaning of the symbols which are used throughout the instructions to indicate safety precautions depending on the risk level.

### **WARNING**

Indicates a strong possibility of severe personal injury or loss of life if instructions are not followed.

### **CAUTION**

Indicates a possibility of personal injury or equipment damage if instructions are not followed.

### Classification of Other Symbols



- ⊘ This symbol indicates "Don'ts" with the detail depicted in the symbol (in this case, it means prohibition of disassembling).  
This symbol indicates "Dos" which you have to be aware of.



- ❗ This symbol indicates "Dos" which you have to be aware of.

### Guide for Notes and Tips

**NOTE :** This sign gives notes and helpful information on the use of the CB radio.

**TIP:, \*** This sign gives supplemental explanations to the contents in the instructions.

# Notes to Users

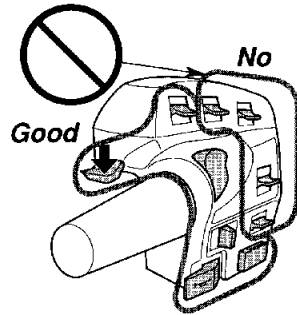
## Notes for Use

### ⚠ WARNING

#### Do not operate any switches other than the TALK lever switch while riding.

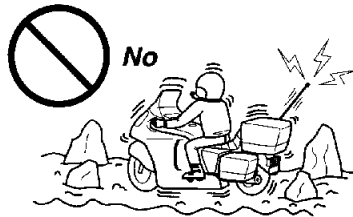
If any switch other than the TALK lever switch is operated while riding, steering of the handlebars becomes very unstable, posing danger. Always adjust every setting of the CB radio before riding.

Never use the CB radio in a way of posing danger for riding, such as the operation of the controller with your hand away from the handlebars.



#### Do not use the CB radio under dangerous traffic conditions.

While riding, make sure you are not in danger or in possibility of danger before operating the controller.



### ⚠ CAUTION

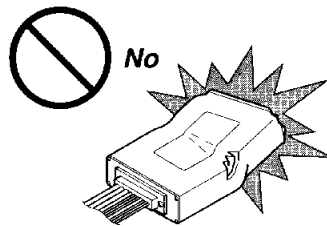
#### Do not use in water. When washing the motorcycle, do not spray water on the CB radio with a hose.

The CB radio is designed to be water resistant and dew proof to withstand riding in the normal rain. If exposed to worse conditions, water or moisture might enter the device, causing a failure.



#### Do not use in deformed conditions.

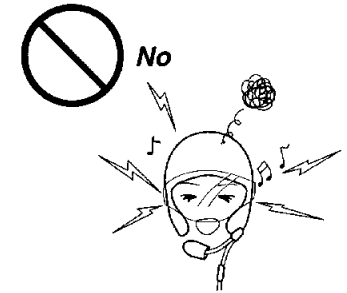
If the CB radio is used with its casing deformed due to a physical impact, its water-resistant and dew-proof structure can not be retained, possibly resulting in a failure.



### ⚠ CAUTION

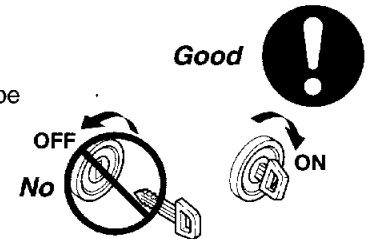
#### Do not raise the volume to an excess level.

While riding, keep the volume to a level you can hear peripheral sounds to prevent danger. Listening at an excessively high volume may have an adverse effect on your ears.



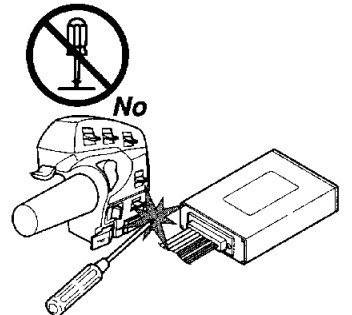
#### Use with the engine running.

If the CB radio is used with the engine stopped, the battery voltage would drop and the engine might not be started.



#### Do not disassemble/modify the CB radio.

The CB radio comprises precision electronic parts. Do not disassemble to repair even in case of a trouble. If you did, the Warranty does not cover any trouble resulting from what you did, and it violates the FCC Rules.



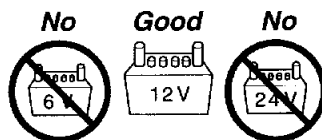
## Notes for Installation

### CAUTION

For installation, refer to the instruction manual for the attachment kit.

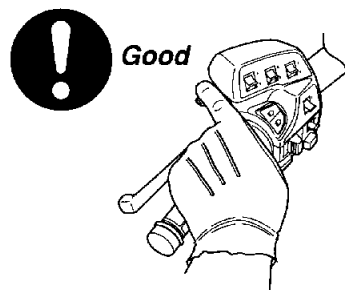
#### Do not use the power source other than 12 V.

The CB radio is designed only for a 12 V DC negative ground motorcycle. Do not connect to another voltage power source.



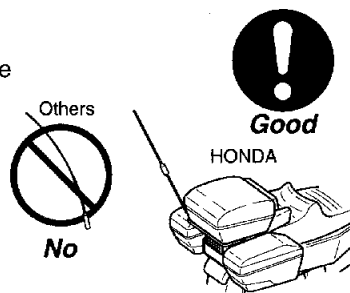
#### Mount at the location wherer you can reach with your hands on the handlebars.

To prevent danger, mount the controller at the location where riding is not disturbed and you can press the P.T.T. lever switch with your hands on the handlebars.



#### Use the genuine HONDA CB antenna.

If an ungenue antenna is used, CB radio disturbance might be caused in the neighborhood.



#### Do not use a fuse not of the specified rating.

Use a fuse of the specified rating. Doing so may cause a breakdown.

## Contents

Introduction .....	3
Notes on Safety .....	3
Notes to Users .....	4
Notes for Use .....	4
FEATURES .....	8
PACKAGE LIST .....	9
NAMES OF CONTROLLER .....	10
Appearance .....	10
Switch Panel .....	10
NAMES OF DISPLAY .....	11
DISPLAY .....	11
BASIC OPERATION .....	12
OTHER FUNCTIONS .....	15
Advanced Operations .....	15
Adjusting Squelch (1 to 20) .....	15
ON/OFF of Roger Beep Function .....	18
DAILY MAINTENANCE .....	20
SPECIFICATIONS .....	21
AFTER-SALES SERVICE .....	22

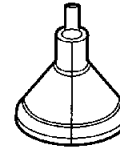
# FEATURES

This is a motorcycle CB radio which complies with the FCC Rules and Regulations and has a power output of 4 W based on the simplex method with 40 channels at AM 27 MHz.

1. All CB transceiver functions are independent of audio functions and can be controlled separately.
2. All CB transceiver information is displayed in a format that is easy to view on the display.
3. The sound can be switched between the speakers and the headsets.
4. The switches are ergonomically located to ensure safe operation while riding.
5. Audio functions are automatically muted during reception and transmission to prevent interference with communications.

# PACKAGE LIST

**Grommet, CB Unit Harn**  
(P/N: 08E95-MCA-1000-01)



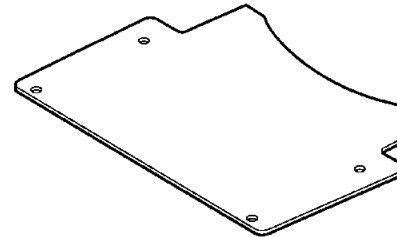
**Cushion, CB Unit**  
(P/N: 08E95-MCA-1000-02)



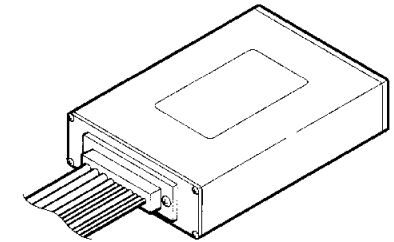
**Attachment Rivet**



**Plate, CB Unit**  
(P/N: 08E95-MCA-1000-03)



**Main Unit (P/N: 08E95-MCA-1000-11)**



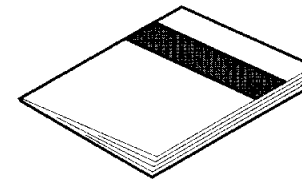
**Filter, Fan Motor (P/N: 08E95-MCA-1000-12)**



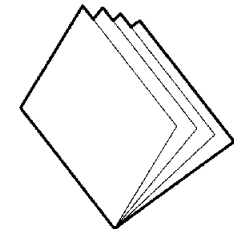
**Filter, Fuel, Pump (P/N: 08E95-MCA-1000-13)**



**Owner's Instructions (This instructions)**  
(P/N: 08E95-MCA-1000-81)

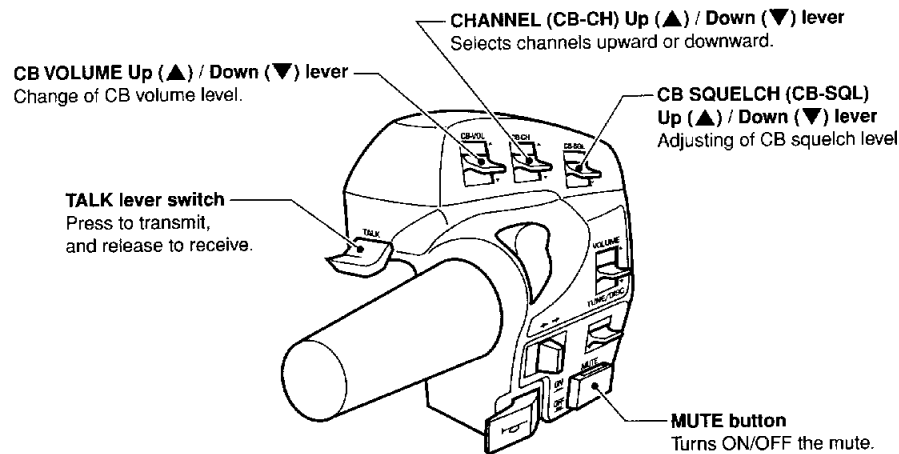


**FCC Rules Book CB Radio**  
(P/N: 08E95-MAN-1000-81)

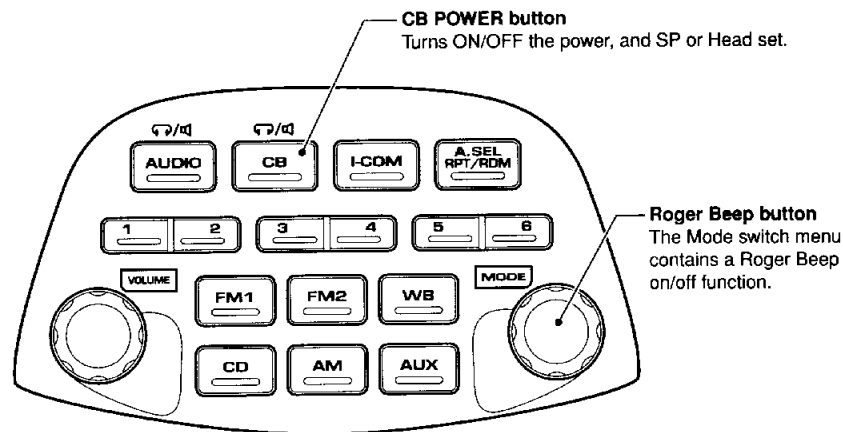


# NAMES OF CONTROLLER

## Appearance

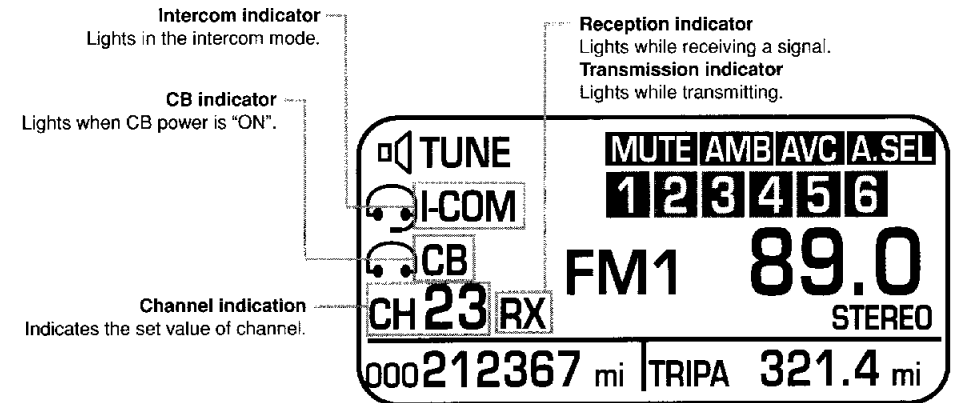


## Switch Panel



# NAMES OF DISPLAY

## DISPLAY



The transceiver is normally set to receive status. RX is displayed when a signal is received. No indication is made when there is no signal to receive. TX is displayed during transmission.

### Basic indications

- The following icons are shown on the left side of the display when the CB transceiver is operating.



This icon indicates that the CB transceiver routes received signals to the speaker.



This icon indicates that the CB transceiver routes received signals to the headset.

Press the CB button on the switch panel located on the fuel tank to switch the sound between the loudspeaker and the headset. The displayed icon changes accordingly.

ch indicates the currently used channel (frequency).

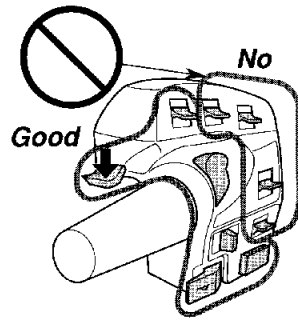
RX and TX indicate reception and transmission, respectively.

## CAUTION

**Do not operate any switches other than the TALK lever switch while riding.**

If any switch other than the TALK lever switch is operated while riding, steering of the handlebars becomes very unstable, posing danger. Always adjust every setting of the CB radio before riding.

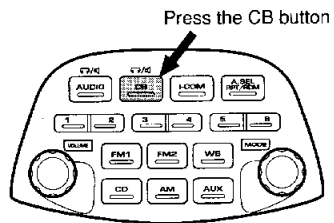
Never use the CB radio in a way of posing danger for riding, such as the operation of the controller with your hand away from the handlebars.



**NOTE :** The following operational procedure shall be made with the motorcycle stationary to prevent danger.

- You will need a helmet with an internal microphone to make transmissions. You could also buy a headset with a microphone to use with your helmet. Note that some states restrict the use of headsets while riding a motorcycle. Confirm the relevant laws in your home state.

## 1 Turning Power ON (OFF)



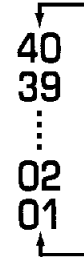
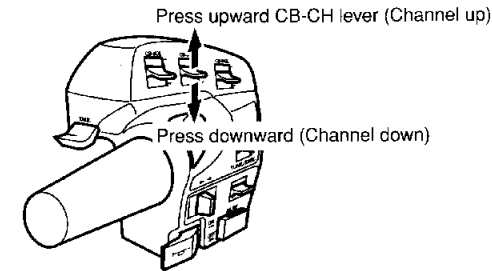
CB  
CH 40 RX

- Press the CB button on the switch panel located on the fuel tank to turn on the receiver. The display shown above appears when the power is turned on.
- When the CB button on the switch panel located on the fuel tank is pressed and held down, a beep is heard, the power is turned off and the display goes off.

### Switching between speaker (SP) and headset (selection)

- Each time the CB button is pressed momentarily, the CB transceiver sound is switched between the speaker and the headset. The displayed icon changes between a speaker icon and a headset icon accordingly.

## 2 Selecting Channel (Channels 1 to 40)



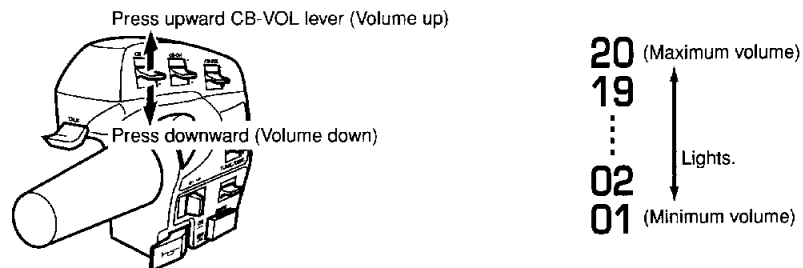
- Press the left CB-CH remote control switch upwards or downwards with the thumb to change channels. When the switch is pressed upwards or downwards continuously, a beep is heard and channels are changed continuously. There are a total of 40 channels.

### Channel Indication Number Responds to Frequencies Allocated

Ch.	MHz	Ch.	MHz
1	26.965	21	27.215
2	26.975	22	27.225
3	26.985	23	27.255
4	27.005	24	27.235
5	27.015	25	27.245
6	27.025	26	27.265
7	27.035	27	27.275
8	27.055	28	27.285
9	27.065	29	27.295
10	27.075	30	27.305
11	27.085	31	27.315
12	27.105	32	27.325
13	27.115	33	27.335
14	27.125	34	27.345
15	27.135	35	27.355
16	27.155	36	27.365
17	27.165	37	27.375
18	27.175	38	27.385
19	27.185	39	27.395
20	27.205	40	27.405

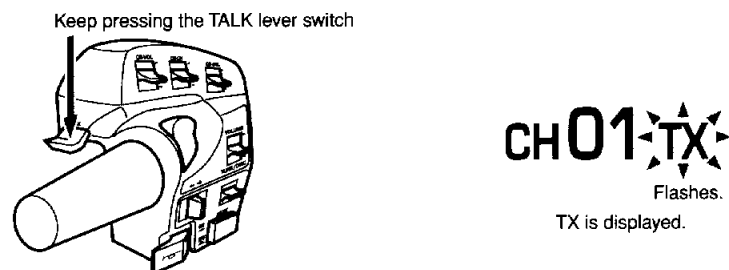
## BASIC OPERATION

### 3 Adjusting Volume (Min.: 1 to Max.: 20)



- Press the left CB-VOL switch upwards or downwards with the thumb to raise or lower the volume. When the switch is pressed upwards or downwards continuously, a beep is heard and the volume is raised or lowered continuously.
- The display indicates the current CB-VOL in numbers, for example, 20. Maximum volume is 20 and minimum volume is 00. The CB transceiver volume can be set independently of the audio functions.

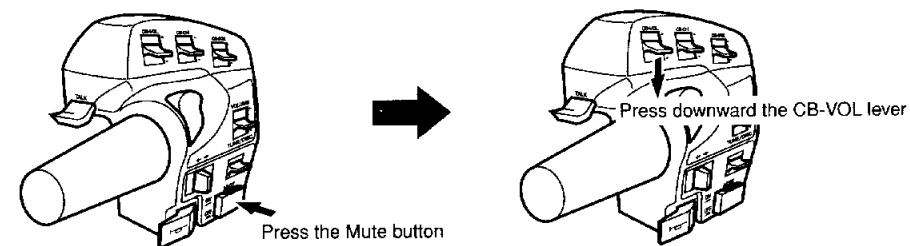
### 4 Transmitting



- Press the Talk switch with the left index finger to start transmission. The audio functions are muted during transmission to make sure that communications with the other party are not drowned out.
- When a Talk switch for the pillion passenger (sold separately) is used, pressing the rear Talk switch will allow the pillion passenger to transmit. When the Talk switches are pressed, only the voice of the rider and passenger are transmitted.

## OTHER FUNCTIONS

### Advanced Operations



Note that the Mute switch on the left remote control only turns down the audio functions but not the CB transceiver. Thus use the CB-VOL lever to turn down the volume when you wish to listen for surrounding engine noise to confirm the presence of vehicles behind you before changing lanes.

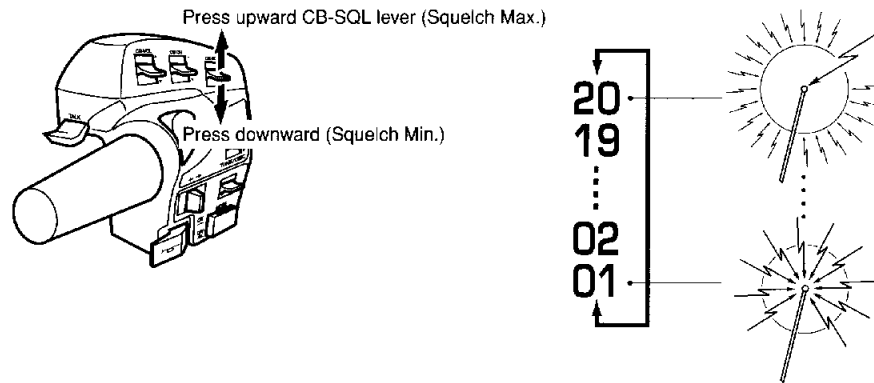
**NOTE :** Due to the location of the Talk switch, do not compromise your safety by trying to press the Talk switch to start transmission when you are operating the clutch with the left hand.



## Adjusting Squelch (1 to 20)

### Squelch

If another pair of motorcycle riders using the same channel is nearby, electrical interference will occur. To cancel such interference, set the squelch level slightly lower than the signal strength you are using and the transceiver will receive only the signal from your partner, while the signal from the other group that is lower than the squelch level will not be received. A squelch setting of 20 will only receive strong signals while an 01 setting will produce noise at all times even when no signal is present.



- Press the CB-SQL switch upwards or downwards to change the squelch level. When the switch is pressed upwards or downwards continuously, a beep is heard and the squelch level is changed continuously.



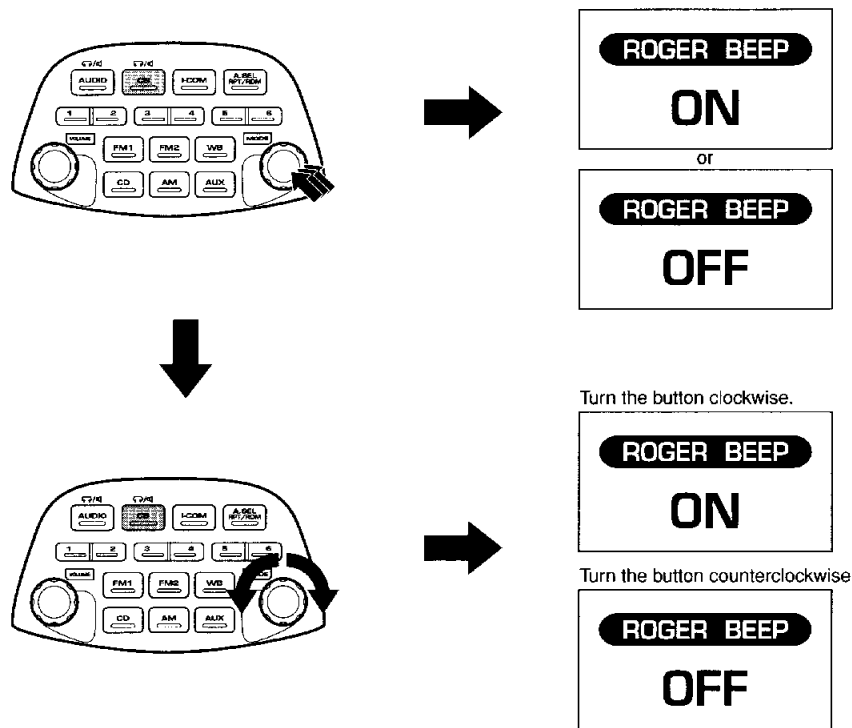
- The current squelch level is indicated on the display as CB-SQUELCH-LEVEL 20. Maximum squelch level is 20 and minimum level is 01.

- This transceiver unit is connected to the audio unit so that it automatically mutes the sound from the audio unit when a signal is received. Consequently, if you set the squelch level to a high level, only strong signals will be received and only communications from your partner will cause the RX icon to appear on the display and mute the sound from the audio unit. If you set a low squelch level, the transceiver will receive unwanted weak signals or noise signals. The RX icon will then appear and the sound from the audio will be muted frequently making it difficult to enjoy the audio functions. Raise the squelch level slightly when the audio functions are being muted repeatedly by noise.

ON/OFF of Roger Beep Function

Roger beep

In long-distance transmissions, the noise is often so loud that it is difficult to hear what the other party says and impossible to know when he/she has stopped talking that long silences often occur. Roger beep is a beep sound that is automatically output when the Talk switch is released to make it easier for the other party to know that you have stopped talking.



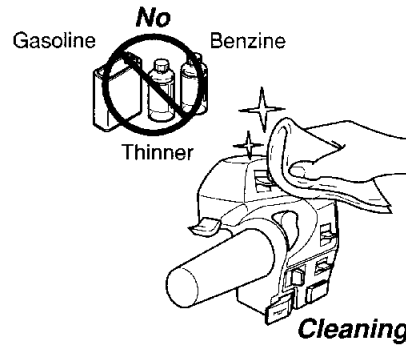
- Press the Mode button on the fuel tank a few times to display ROGER BEEP ON and ROGER BEEP OFF. Then turn the button clockwise to set it to on or turn it counterclockwise to set it to off.

Check before you think you need service.

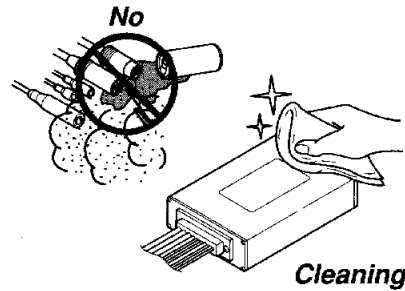
Observation	Cause	Solution
No power (Display shows nothing.)	Fuse blown (See the manual of the motorcycle.)	Replace the fuse with the same type. If blown again, consult your dealer.
	Incomplete wiring	Check the wiring connections.
No response to operation Incorrect indication on display	Malfunction of microcomputer due to noise	Disconnect the memory backup power and the main power to reset the memory.
Poor transmission of CB radio waves	Loose antenna	Tighten the antenna.
	Antenna bent or broken	If slightly bent, straighten it up. If broken, replace with a new one.
No transmission of voice to another station by CB radio waves	Microphone disconnected or broken	Check the microphone connection. If connected but still not normal, the microphone may be broken.

# DAILY MAINTENANCE

- If the controller of the face plate gets soiled, wipe it with a soft cloth which has first been soaked in a solution of neutral detergent and wrung. Organic solutions such as gasoline, thinner and benzine should never be used as they may damage the surface.



- If water or dirt gets into receptacle for the main unit plug, an operating defect or a failure may occur. Also, if the pins in the plug are bent, they will no longer provide proper contact.



# SPECIFICATIONS

## General

Power Voltage: 13.8 V DC  
Consumption Current: 2.0 A or below (at 4 W transmission)  
Backup Consumption Current: 1.0 mA or below  
Frequency Range: 26.965 MHz to 27.405 MHz (40 ch)  
Frequency Tolerance: 50 ppm or less  
Radio Wave Type: A3E (amplitude modulation)  
Weight: 850 g

## Transmitter

Power Output: 4.0 W  
Unbalanced Output: 50  $\Omega$   
Transmission S/N: 40 dB or higher  
Modulation Sensitivity: -3 dBm

## Receiver

Practical Sensitivity: 6 dB $\mu$ V or below (S/N 10 dB)  
S/N: 35 dB or higher  
Distortion Factor: 8 % or below  
Squelch Sensitivity: Threshold ; 8 dB $\mu$ V or below  
Tight ; 25 dB $\mu$ V or higher

## NOTES:

- Specifications comply with EIA Standards.
- Specifications and the design are subject to change without notice for further improvement.

## ■ Warranty card

The Warranty card of this product will be given and filled by the dealer where you purchased the CB radio. Check the details of the Warranty card and keep it. The Warranty card will not be reissued.

## ■ Warranty duration

Three years from the date of first consumer purchase.

## ■ In case of failure

In the event of a failure under a normal use within the warranty duration, the product will be repaired without charge according to the conditions specified in the Warranty.

Consult your dealer.

## ■ Repair after warranty duration

If repairing can keep the product's performance, it will be repaired with charge upon request from the user.

CB Radios: The standard Touring Motorcycle warranty coverage of three (3) years applies to any defects in material or workmanship.

However, due to the nature of CB radio transmission, specific performance cannot be guaranteed. Performance problems may be caused by the local environment or local regulation of transmission power, performance problems may include reduced sound quality, reduced transmission range, static, other electric interference or background noise.