

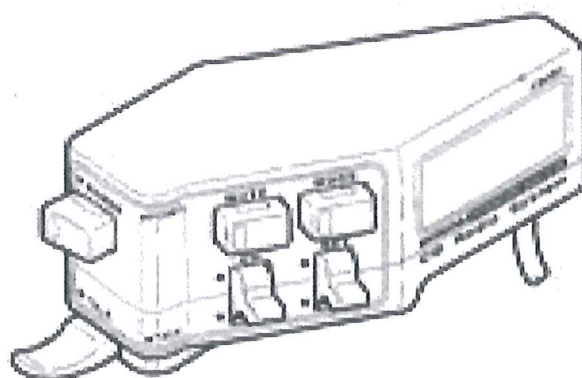
HONDALINE

OWNER'S INSTRUCTIONS

CB Radio System

INTERCOM AUDIO IN

MOTORCYCLE CB RADIO



P/N: 08E95-MZ0-1000-01, 08E95-MZ0-1010-02

- 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 FCC Rules and Regulations.
- The Citizens Band (CB) Radio Service is under the jurisdiction of the Federal Communications Commission (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: AX292AJC214H
This device complies with part 15 of the FCC rules.
Operation is subject to the condition that this device does not cause harmful interference.

!

- 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

Thank you very much for purchasing **HONDA Motorcycle CB Radio**.

- 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.
- 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.



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.

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 P.T.T. (Press To Talk) lever switch while riding. If any switch other than the P.T.T. (Press To 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

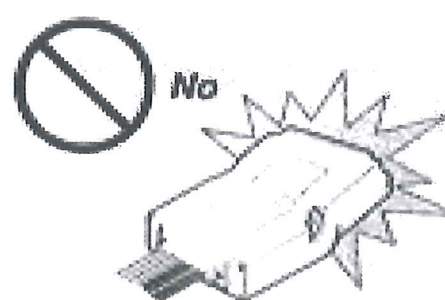
Do not use in water. When washing the motorcycle, do not spray water on the CB radio with a hose.

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.



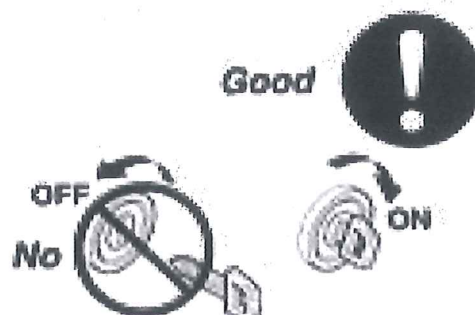
Do not raise the volume to an excess level.

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.



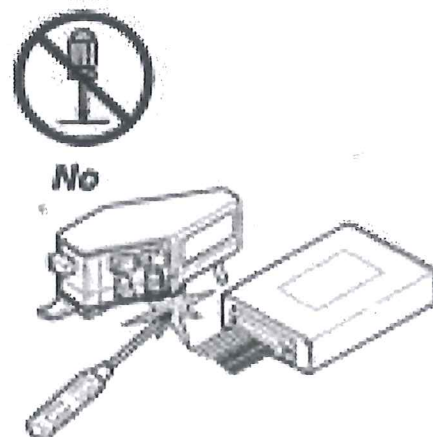
Use with the engine running.

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.



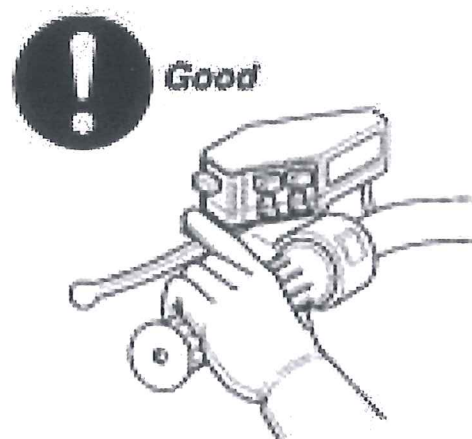
Notes for Installation

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

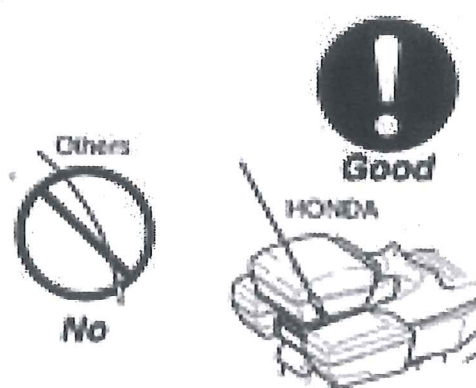
Do not use the power source other than 12 V.
The CB radio is designed only for a 12 V DC negative ground motorcycle. Do not connect to another voltage power source.



Mount at the location where 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 ungenuine 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.

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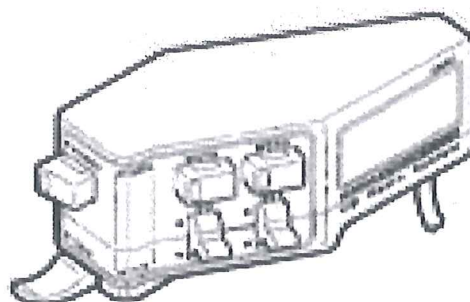
FEATURES

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.

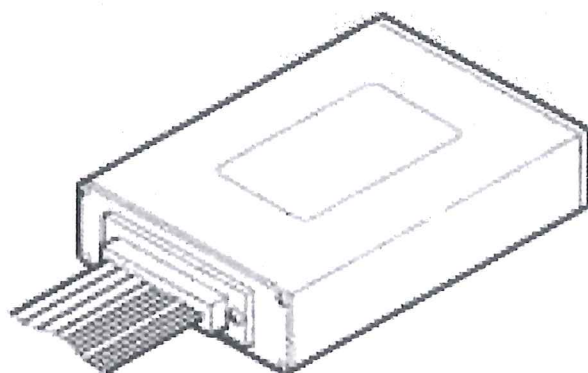
- Separate type with the main unit and the controller independent of each other
- Controller with a refined design for operability
- Large indication of channel, volume and squelch set values
- Digital PLL synthesizer system providing stable communications
- Originally developed noise canceler for eliminating noise as much as possible
- Copes with input of external sound from a handy stereo or the like
- Intercom function for communicating with the passenger while riding
- Drip proof and moisture proof for use in the rain, and vibration proof
- Newly developed shielding structure into which external noise is hard to enter
- Terminal with a starter detecting function to eliminate noise when the engine is started
- Memory function to store the previous set values

PACKAGE LIST

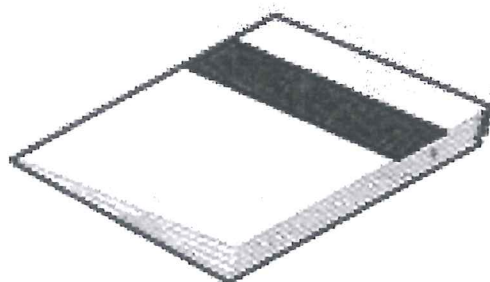
Controller (P/N: 08E95-MZ0-1000-01)



Main Unit (P/N: 08E95-MZ0-1010-02)



Owner's Instructions (This instructions) (P/N: 08E95-MZ0-1000-81)

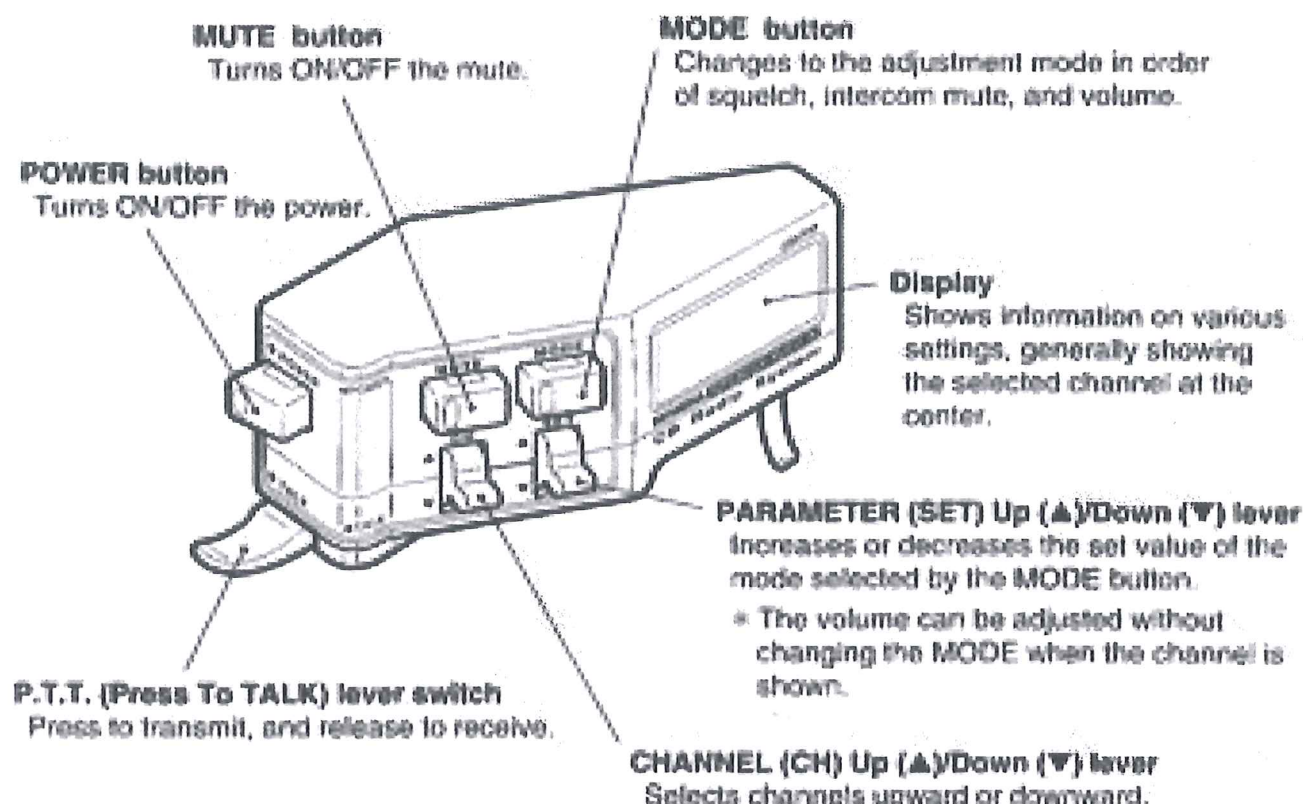


FCC Rules Book CB Radio (P/N: 08E95-MAM-1000-81)

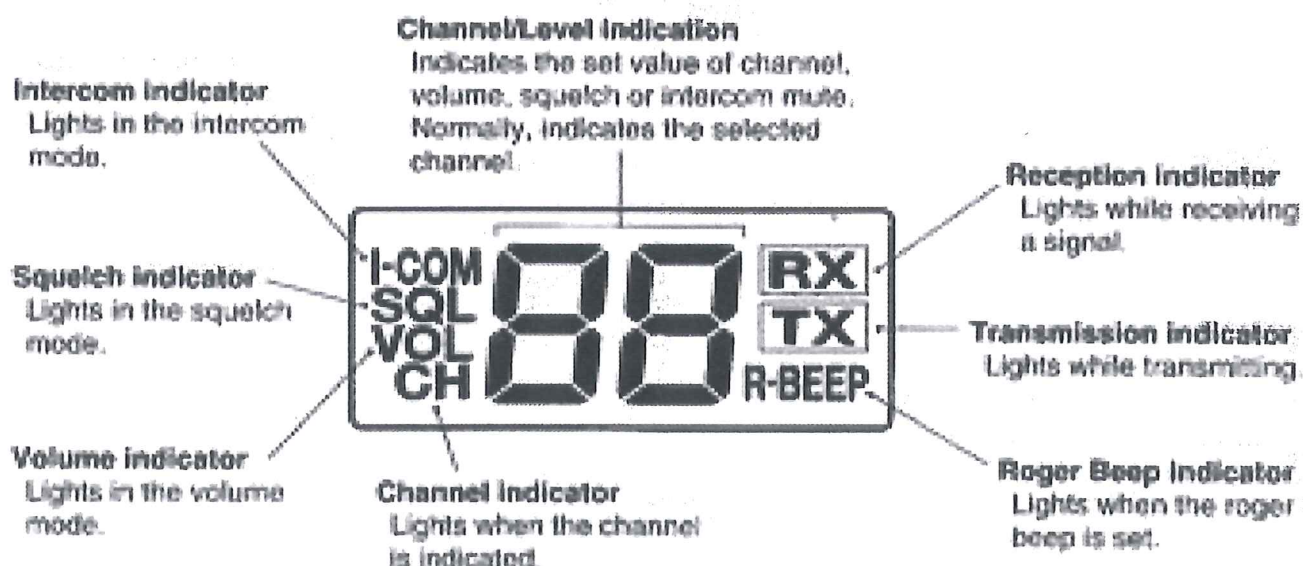
* If any items are missing, contact your place of purchase.

NAMES OF CONTROLLER

Appearance



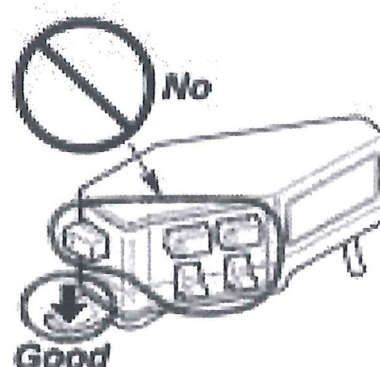
Display



* The above display illustration shows with all indications illuminated for convenience of explanation.

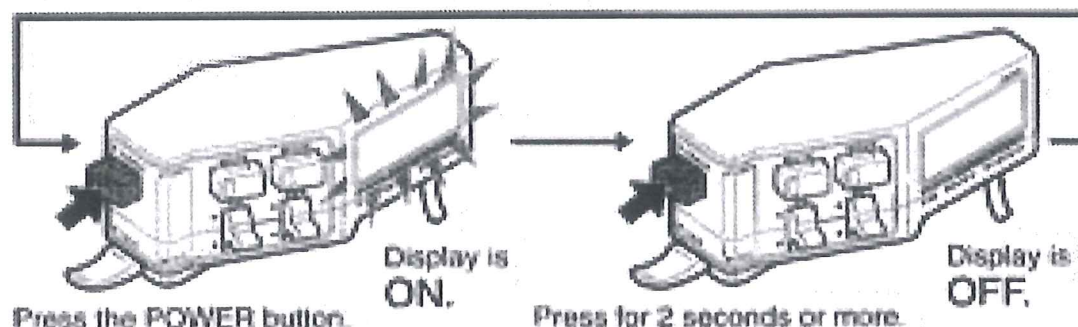
BASIC OPERATION

Do not operate any switches other than the P.T.T. (Press To Talk) lever switch while riding. If any switch other than the P.T.T. (Press To 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.



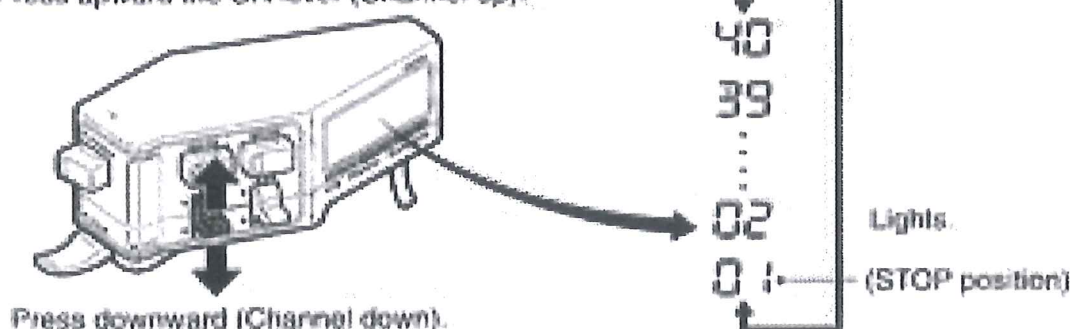
NOTE: The following operational procedure shall be made with the motorcycle stationary to prevent danger.

1 Turning Power ON (OFF)



2 Selecting Channel (Channels 1 to 40)

Press upward the CH lever (Channel up).



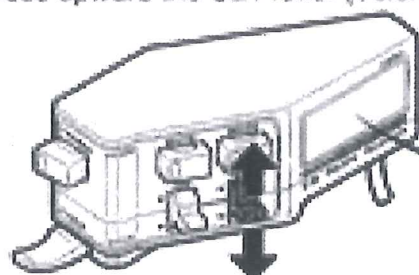
TIPs:

- * When the CH lever is kept on being pressed, channels are continuously changed to channel 1.
- * When the CH lever is kept on being pressed again, channels are continuously changed in the same way.

BASIC OPERATION

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

Press upward the SET lever (Volume up).



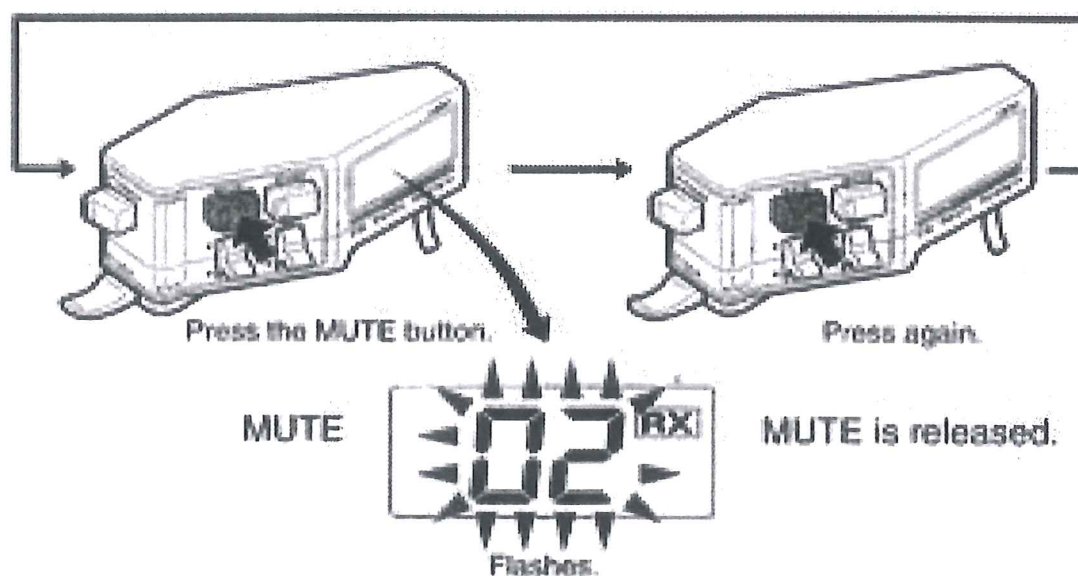
Press downward (Volume down).

20 (Maximum volume)
19
...
02
01 (Minimum volume)
Lights.

TIPs:

- * Volume can be adjusted by pressing the SET lever while the channel is being indicated.
- * Pressing the MODE button can change the mode to the volume adjusting mode. (See page 14)

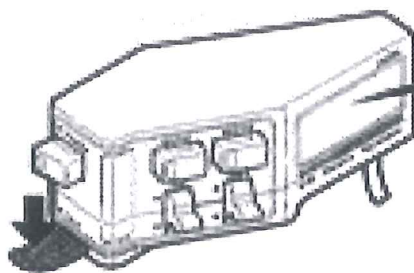
Muting Handy Stereo Sound



TIPs:

- * Channel indication flashes by turning on the mute, and flashing is stopped by turning off it.
- * Volume is lowered by -20 dB by turning on the mute.

4 Transmitting



Keep pressing the P.T.T. lever to transmit.

CB antenna
(HONDA genuine parts)

TIP:

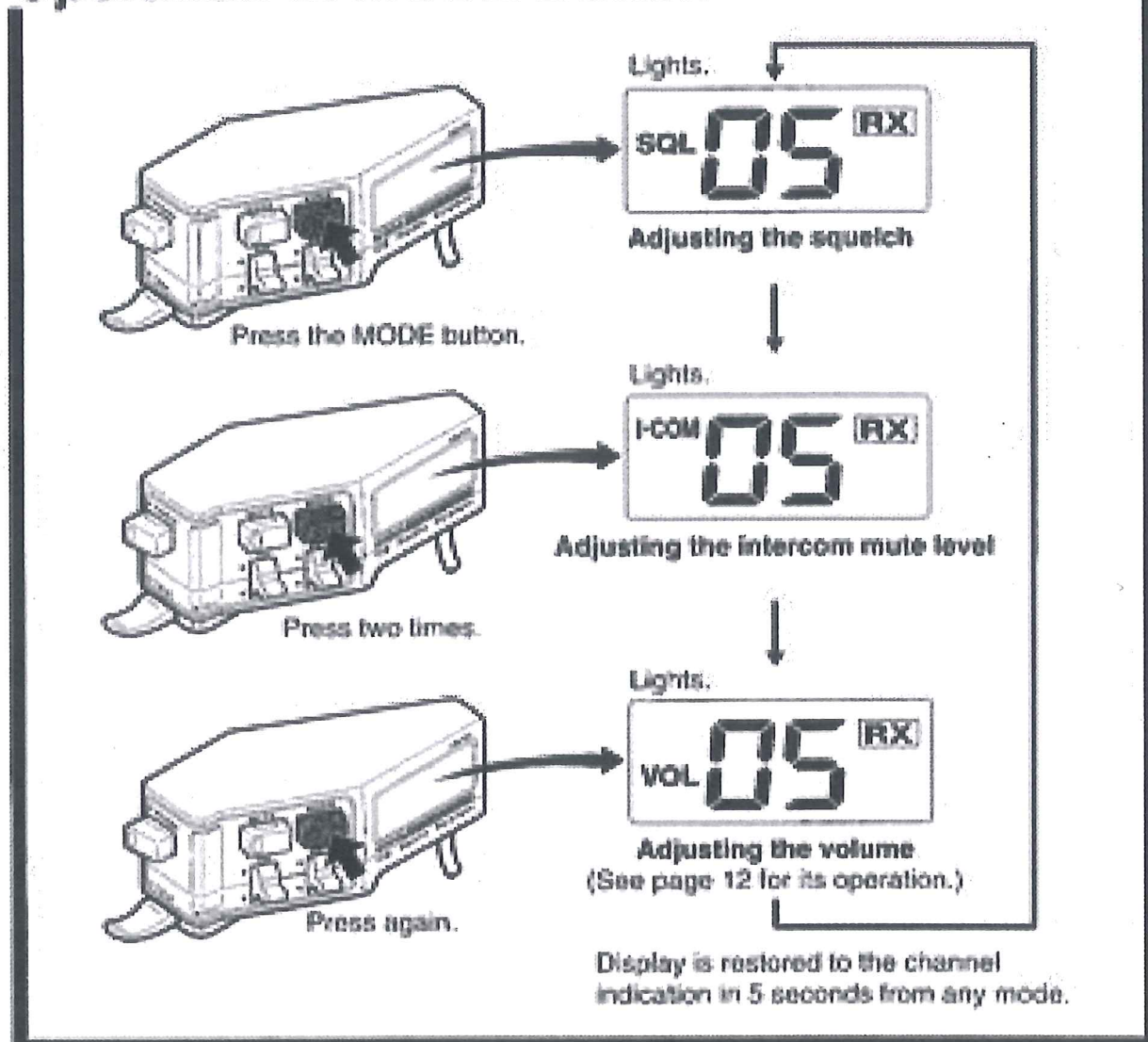
- * Observe the rules to communicate with another station.

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	27.235
4	27.005	24	27.245
5	27.015	25	27.255
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

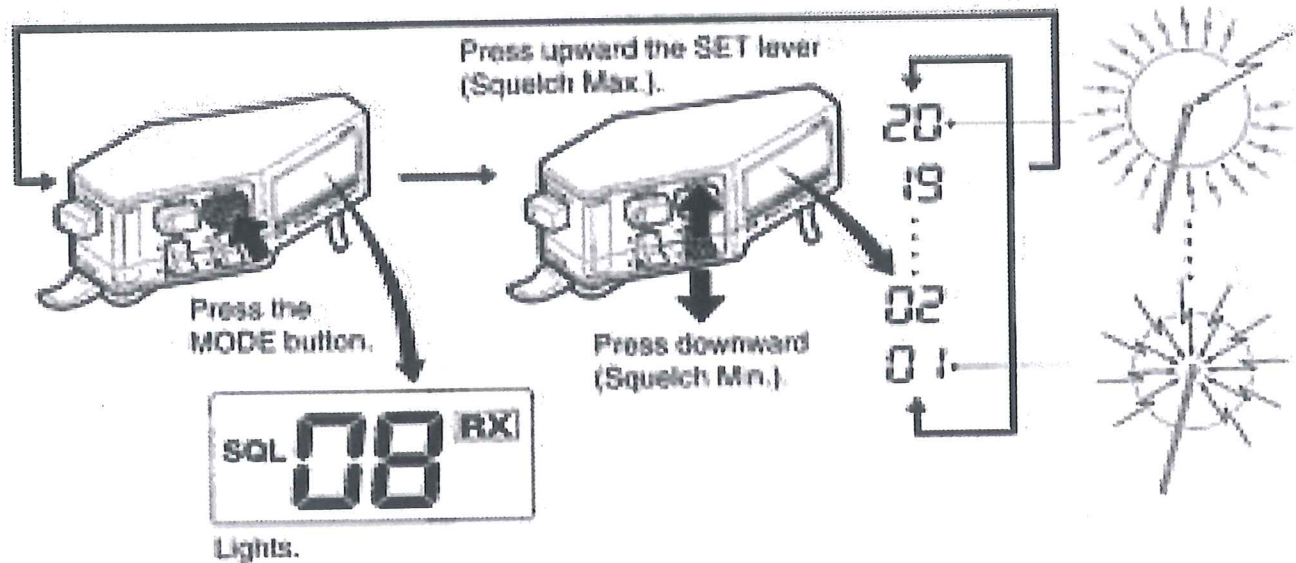
OTHER FUNCTIONS

Operation of MODE Button



Each mode will be described from the next page.

Adjusting Squelch (1 to 20)



Functions of Squelch

Squelch serves to cut off weak CB radio waves to facilitate hearing when receiving, and has the following effects.

- Cuts off the noise produced in the absence of an incoming signal.
- Cuts off the interfered weak CB radio waves (Prevents the interference of the CB radio waves weaker than those from the communicating station).

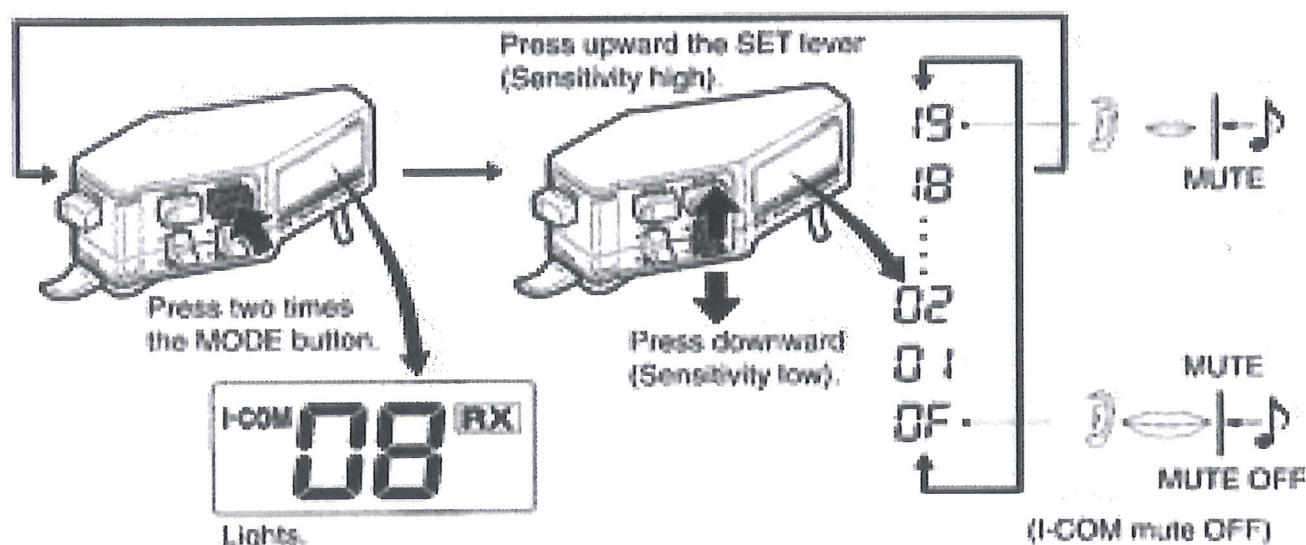
TIPS:

- * Cuts off the stronger radio waves as the set value is raised higher.
- * Indicates "RX" when receiving.
- * For normal use, gradually raise the squelch level in the absence of the signal from the communicating station until the indication of "RX" turns off.
- * If the radio waves from the communicating station are extremely low, set the squelch level to 1 to deactivate the squelch, facilitating reception.

OTHER FUNCTIONS

Adjusting Intercom Mute Level

(OFF, Loud voice (sensitivity low): 1 to Low voice (sensitivity high): 19)



Functions of Intercom Mute

When the rider and passenger communicate with a handy stereo playing, the sound from the handy stereo is automatically muted in response to the voice.

Sets the sensitivity of the intercom mute to determine when the intercom mute shall be activated depending on the level of voice.

TIPS:

- The intercom mute does not function when turned off.
- The intercom mute might operate in response to wind noise or background sound while riding.

ON/OFF of Roger Beep Function



Functions of Roger Beep

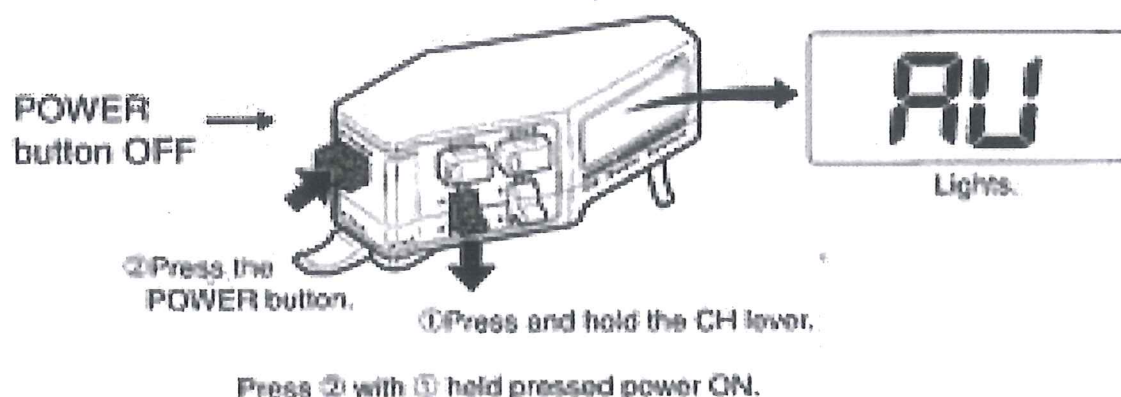
Beep sound is automatically emitted when ending the transmission (releasing the P.T.T. lever switch).

When reception is poor because of long-distance communications, it is easy to notice another station that it is another station's time to speak.

TIP:

- * When the same operational procedure is followed again, the roger beep function is turned off.

OFF of CB Function (Audio Mode Function)



Function of CB OFF

Among the functions of this unit, only the CB function is turned OFF, leaving the functions of the intercom and handy stereo only.

TIPS:

- * When the same operational procedure is followed again, the CB radio function is turned ON.
- * MUTE, VOLUME, and I-COM can be operated in the audio mode.

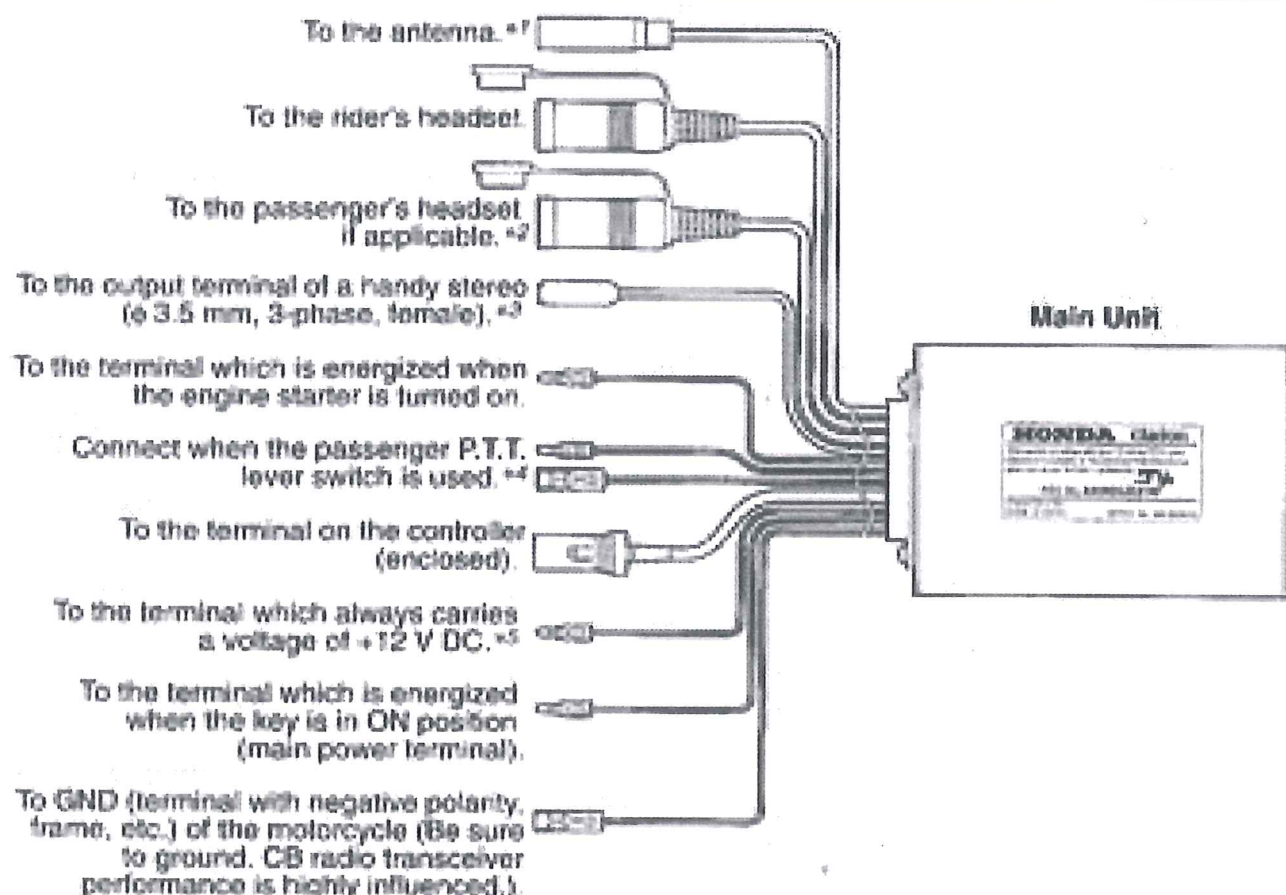
CONNECTION

To install the unit, use the genuine HONDA fitting kit for CB radio. Install with reference to the manual of the fitting kit.

Connect as follows.

Install the unit without connection to the battery.

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



NOTES:

- *1: Use the genuine HONDA 40 channel CB antenna (P/N: 08E96-MZ0-A00).
- *2: Use the genuine HONDA headset (P/N: 08B82-MT2-100 (OPEN FACE)/P/N: 08B82-MT2-A00 (FULL FACE)).
- *3: Connect to the output terminal of a handy stereo or the like. Use a commercial connection cord (ø 3.5 mm, 3-phase mini-plug (male-male)).
- *4: Use the genuine HONDA passenger P.T.T. lever switch (P/N: 08E96-MZ0-C00).
- *5: Power terminal for memory backup. Consumption current: 1 mA or below.
- After connecting, cover the joints with a vinyl tape to enhance the waterproofness.
- When the unit is not used, use the waterproof cap as far as possible.
- The waterproof cap is designed to be tight. The covers are stuck mutually if they are kept contacted for a long period. Apply silicone grease, vaseline or the like once in a while.

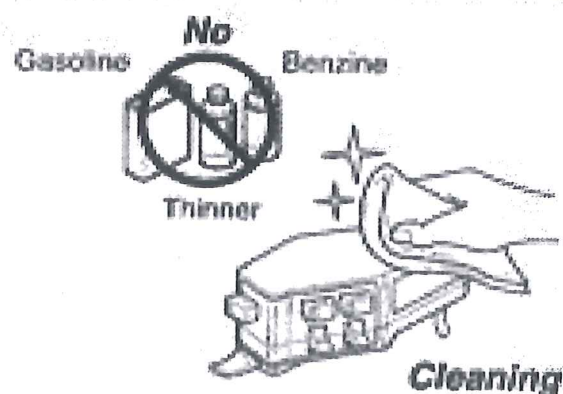
TROUBLESHOOTING

Check before you think you need service.

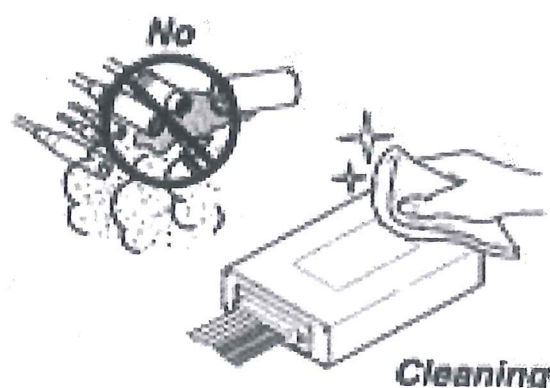
Observation	Cause	Solution
No power (Display shows nothing.)	Fuse blown (See the manual of the motorcycle.)	Replace the fuse with the same type. If blown again, consult your dealer.
	Incomplete wiring	Check the wiring connections.
No response to operation Incorrect indication on display	Malfunction of 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: ASE (amplitude modulation)

Transmitter

Power Output: 4.0 W
Unbalanced Output: 50 Ω
Transmission S/N: 40 dB or higher
Modulation Sensitivity: -51 dBm

Receiver

Practical Sensitivity: 6 dB μ V or below (S/N 10 dB)
S/N: 35 dB or higher
Distortion Factor: 8% or below
Power Output: 4 Vrms or more
Squelch Sensitivity: Threshold ; 8 dB μ V or below
Tight ; 25 dB μ V or higher

NOTES:

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

