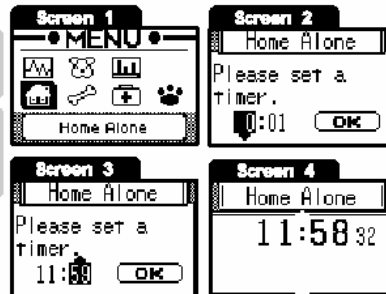


## 10. Using the Home Alone Mode

Use the Home Alone Mode to record your dog's barks for up to 12 hours while you're away.

- 1 Select Home Alone Mode from the Main MENU. Press the Enter Key. (Screen 1)
- 2 Enter the number of hours & minutes that your dog is scheduled to be home alone by using the Direction Keys(↑ ↓). The maximum length of time allowed is 11 hours and 59 minutes.
  - To set the hours (Screen 2)  
Use the Direction Keys(↑ ↓) to select the hours. Once you have set the hours, press (→)Key to move to the minutes setting.
  - To set the minutes (Screen 3)  
Use the Direction Keys(↑ ↓) to select the minutes.
- 3 Use (→)Key to choose "OK" and press the Enter Key to confirm.
- 4 You have finished setting the Home Alone timer. There will be a second by second countdown. (Screen 4)



\*When the time reaches 0:00, the display will say "Time is up" and the power will turn off automatically.

The records of the barks will be stored in the "Bark History" section of the "Data Analysis" Mode and will include time, emotion and phrase.

Also, you can see the summary of the barks during Home Alone Mode in the "Home Alone Data" section of the "Data Analysis" Mode.

### To exit Home Alone Mode

Press the Cancel/Power Key during the countdown. You will be asked if you want to quit the timer. (Screen 5)

Use the (←→)Keys to select YES or NO, and press the Enter Key:

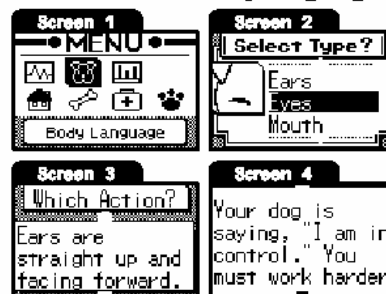
- YES You will exit Home Alone Mode and be directed to the Main MENU.
- NO The timer will resume its countdown.



## 11. Using the Body Language Mode

Helps you interpret your dog's feelings and emotions based on body language.

- 1 Select Body Language from the MENU screen. Press the Enter Key. (Screen 1)
- 2 You will be asked which type of body language you would like to know about. i.e. Ears, Eyes, Mouth, Behavior, Fur and Tail. Use the Direction Keys(↑ ↓) to browse and press the Enter Key. (Screen 2)
- 3 Use the Direction Keys(↑ ↓) to select the action you would like to know about and press the Enter Key. (Screen 3)
- 4 The results of the analysis will be displayed.



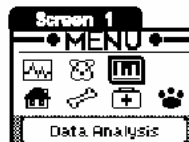
\*If the entire results cannot fit on the screen, you will see a sign(▼) on the bottom of the screen. Use the (↓)Key to scroll down to see the entire text.

Use the Cancel Key to go to the previous screen.

## 12. Using the Data Analysis Mode

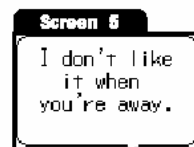
Shows the 100 most recent barks, Home Alone summary, and MBF score.

- 1 Select Data Analysis from the MENU screen and press the Enter Key. (Screen 1)
- 2 Using the Direction Keys (↑ ↓), select the topic. (Screen 2)



### Bark History

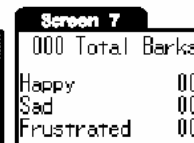
- 1 Select Bark History from the Data Analysis screen and press the Enter Key. (Screen 3)
- 2 Use the Direction Keys (↑ ↓) to select the bark data you wish to view and press Enter Key. (Screen 4)
- 3 The translation results will be shown on the display. (Screen 5)



Press the Cancel Key to return to the previous screen.

### Home Alone Data

- 1 Select Home Alone Data from the Data Analysis screen and press the Enter Key. (Screen 6)
- 2 The screen will display a tally of emotions expressed during the most recent Home Alone Mode. (Screen 7)



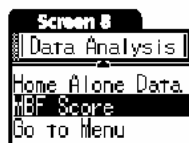
\*To see all the six emotions, use (↑ ↓)Keys to scroll down/up.

Press the Cancel Key to return to the previous screen.

### Man's Best Friend (MBF) Score

MBF Score is a fun way to measure your dog's happiness.

- 1 Select MBF Score from the Data Analysis screen and press the Enter Key. (Screen 8)
- 2 Your MBF Score will appear on the screen. (Screen 9)



\*The MBF Score changes based on the results of the Bark Translation. For example, when your dog gives a 'Happy' bark, the score goes up and when your dog gives a 'Sad' bark, the score goes down. The purpose of the MBF Score is for entertainment only.

## 13. Using the Medical Reference Mode

Give your dog a quick medical check-up with this reference, prepared by Dr. Tamara Shearer.

1 Select Medical Check from the Main MENU and press the Enter Key.

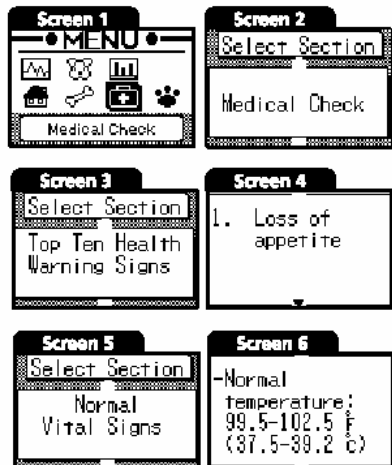
2 Use the Direction Keys (↑ ↓) to select from

- Medical Check
- Top 10 Health Warning Signs
- 10 Basic Emergency Steps
- 10 Signs of Cancer
- Normal Vital Signs

at the "Select Section" screen. (Screen 2, 3)

3 Press the Enter Key to continue. Use the (↑ ↓)Keys to scroll through the informative lists. (e.g. Screen 4 under "Top Ten Health Warning Signs" and Screen 6 for "Normal Vital Signs")

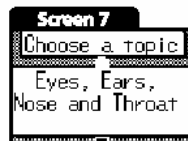
4 Press the Enter Key or Cancel Key to return to the "Select Section" screen.



### Medical Check

For the Medical Check function, use the Direction Keys (↑ ↓) to choose which part of your dog that you would like to evaluate. Press the Enter Key to continue. (Screen 7)

At the "Consult a vet if your dog has any of the following symptoms:" screen, press the OK Button to access the medical check list for that area. Use the (↑ ↓)Keys to browse through the lists.



\*Use this checklist twice a month.

\*The veterinary reference material found in your Bow-Lingual is intended only as a supplement in dealing with your dog's health and medical needs. It is not intended as a substitute for proper veterinary care. Your veterinarian is your best source of information and guidance regarding your dog's health and you should always consult with your veterinarian if you have any questions or require additional advice appropriate to your dog's circumstances.

\*The medical reference information in Bow-Lingual is provided by Dr. Tamara Shearer, D.V.M., author of three books, including "Emergency First Aid for You Dog" and "The Essential Book for Dogs Over Five."

Press the Cancel Key to return to previous screen.

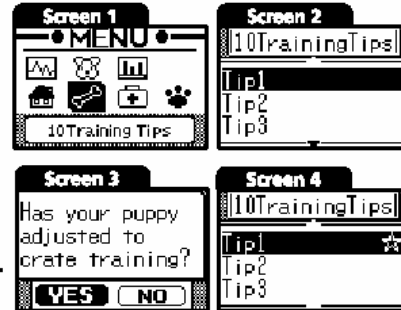


## 14. Using the Ten Training Tips Mode

Use your new communication tool to train more effectively and to keep track of you dog's progress in obedience training with this mode.

### Ten Training Tips

- 1 Select Ten Training Tips from the Main MENU and press the Enter Key. (Screen 1)
- 2 Use the Direction Keys (↑ ↓) to select a tip and press the Enter Key.
- 3 You will be presented with a few questions. Answer YES or NO, using the (←→)Keys, and press the Enter Key.  
\*When the text cannot fit on the screen, use the (↓)Key to scroll down the page.
- 4 When the skill has been taught, a star will appear next to the item. (Screen 4)
- 5 Use the (↓)Keys of the directional key to select new tips.



Press the Cancel Key to return to previous screen.



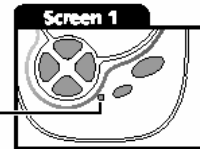
## 15. Resetting Your Bow-Lingual

There are two types of reset functions:

1. Using the "Reset Button" on the Handheld Unit
2. Using the "Data Reset" in the "Set Up" function.

### To reset without deleting data

- 1 If the Main Unit does not operate when buttons are pressed, try restarting the system by pressing the Reset Button on the Main Unit using a long, thin object such as a pen. No data will be deleted.



### To reset and delete data

- 1 Select Set Up on the MENU screen. Press the Enter Key. (Screen 1)
- 2 Press the Direction Key(↓) to select Data Reset. Press the Enter Key.
- 3 Using the (↑↓)Keys, select the Reset Mode you desire. Press the Enter Key to enter your selection. (screen 3, 4)



- **Reset Bark Data**

This will delete the saved bark data.

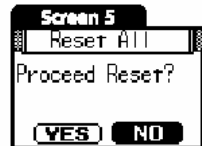
\*The Date/Time and the Dog Profile settings will not be deleted.

- **Reset All**

This will delete all data including bark data, Date/Time and Dog Profile.

By choosing this option, your Bow-Lingual will be restored to the state it was in when first purchased.

- 4 Use the(←→)Keys to select YES or NO when the Delete option appears. Enter your selection by pressing the Enter Key. (Screen 5)



- **YES**

The data will be reset.

- **NO**

You will return to the previous screen.

\*To return to the MENU, press the Cancel/Power Key

\*All bark data will be deleted and you will be guided through the Set Up process of Date and Time every time you change the batteries in the Handheld Unit.



## 16. Troubleshooting

### 1 Frequency Interference

Using the Bow-Lingual near computers or televisions or in the vicinity of electric power facilities, large steel buildings or any other place with high electrical output may affect its performance due to frequency interference. This does not mean your Bow-Lingual is malfunctioning. To solve the problem, please move the unit away from electrical equipment and such structures.

### 2 Frequency Disturbances

When the Wireless Microphone is turned off or on, or when the Handheld Unit's antenna is touched, the Bow-Lingual may read the resulting frequency disturbance as a bark. This is not a malfunction and the unit is ready to translate the next bark.

### 3 Noise Interference

Noise may interfere with the quality of bark reading, resulting in inaccurate translations.

### 4 When using more than one Bow-Lingual unit

The radio frequency used by Bow-Lingual is indicated by the unit's color. If two Bow-Lingual units of the same color/frequency are used within a short distance of each other, signal interference may be experienced. If this happens, increase the distance between the two units to at least 30 feet, or temporarily turn off one of the units. You can use two Bow-Lingual units of different colors since each color uses a different frequency.

### 5 Battery Life

Please replace Bow-Lingual's batteries in the following situations:

#### Handheld Unit

- No screen response when you press the Cancel/Power Key
- No screen response when you press the Reset Button
- "Battery Change" indicator on

#### Wireless Microphone

- Power light does not light up when the Power Button is pressed
- Power light is dim
- No signal is received when the dog barks

\*Please see the section "5. Inserting the Batteries" for instructions on changing the batteries in your Bow-Lingual.

## 17. Caring for your Bow-Lingual

- Wipe clean with a soft cloth.
- If it is very dirty, wipe with a soft cloth soaked in diluted dish washing liquid. Wipe clean.
- Do not use alcohol or paint thinner to clean your Bow-Lingual.
- If using a special cleaning cloth, follow instructions carefully.
- Although the Wireless Microphone is waterproof, please refrain from washing with water.

## 18. Specifications

### ■ Handheld Unit

|  |   |
|--|---|
| <b>Size (including antenna)</b><br>(excluding antenna) | W74/H187/D32<br>W74/H107/D32  |
| <b>Weight (without batteries)</b>                      | 110 grams   |
| <b>Battery</b>   | AAA alkaline batteries x 4  |
| <b>Power Block</b>                                     |   |
| <b>Primary Voltage allowance</b>                       | 4.0-6.4V  |
| <b>Secondary Voltage allowance</b>                     | 3.3V +/-10%   |
| <b>Operation current (at FM active)</b>                | estimated 60mA  |
| <b>Operation current (at FM inactive)</b>              | estimated 10mA  |
| <b>Operation current (at OFF mode)</b>                 | estimated 0.5mA   |
| <b>Low Power detection</b>                             | 4.0V (tentative)  |
| <b>System Reset detection</b>                          | Reset Signal generated 3.0V or less on Secondary Voltage  |
| <b>FM operations</b>                                   |   |
| <b>Frequency</b>                                       | 900MHz ISM band   |
| <b>Channels</b>  | 10  |
|  | ch-1 : 918.000000MHz ch-2 : 919.000000MHz ch-3 : 920.000000MHz<br>ch-4 : 921.000000MHz ch-5 : 922.000000MHz ch-6 : 923.000000MHz<br>ch-7 : 924.000000MHz ch-8 : 925.000000MHz ch-9 : 926.000000MHz<br>ch-10 : 927.000000MHz |
| <b>Frequency Selection</b>                             | Pre-set value with jumper resistor on PCB   |
| <b>RF antenna</b>                                      | Upper Heterodyne  |
| <b>Modulation</b>                                      | FM modulation   |
| <b>Receiver Sensitivity</b>                            | -106dBm   |
| <b>IF Deviation</b>                                    | 15KHz   |

### ■ Wireless Microphone

|   |  |
|---|--|
| <b>Size</b>                               | W63/H37/D25  |
| <b>Weight (without batteries)</b>         | 3.6 grams  |
| <b>Battery</b>                            | AAA alkaline battery x1  |
| <b>Primary Voltage allowance</b>          | 1.0-1.6V   |
| <b>Secondary Voltage allowance</b>        | 3.0V +/-10%  |
| <b>Operation current (at FM active)</b>   | estimated 20mA   |
| <b>Operation current (at FM inactive)</b> | estimated 5mA  |
| <b>Input</b>                              |  |
| <b>Transmitting Voice Frequency</b>       | 100Hz -7.5KHz  |
| <b>VOX turned on Microphone level</b>     | 90 -6dB  |
| <b>VOX re-trigger</b>                     | Re-trigger on transmitting is acceptable                                       |
| <b>Output</b>                             |  |
| <b>FM transmitting period 1</b>           | 60 -30 seconds   |
| <b>FM transmitting trigger</b>            | Beginning Power ON and VOX trigger   |
| <b>Transmitting Power</b>                 | Within FCC standard  |
| <b>Frequency</b>                          | 900MHz band  |
| <b>Channel</b>                            | 10   |
| <b>Transmitting level</b>                 | -5dBm  |
| <b>Modulation</b>                         | FM modulation with +/-15KHz Deviation  |
| <b>Transmission distance</b>              | Approximately thirty feet (In an open area free of obstacles and interference) |

### ■ FCC STATEMENT

Your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures:

- reorient or relocate the receiving antenna
- increase the distance between the equipment and the radio or TV

If you cannot eliminate the interference, the FCC requires that you stop using your receiver.

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.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded cables must be used with the unit to ensure compliance with the Class B FCC limits.

### ■ NOTES

Bow-Lingual is an entertainment product. Information displayed is for entertainment purposes only and should not be relied upon to replace a user's personal experience and observation of any dog's conduct, health and behavior. A veterinarian should be consulted on issues of health. All human interaction with dogs should only be based on personal observation of the dog's current behavior for the safety of the human and the dog.



## 19. Warranty

This product is warranted against manufacturing defects in both material and workmanship for one (1) year from the date of original purchase. Within this period, TAKARA U.S.A. CORPORATION will either repair or replace this product without charge for parts or labor.

### IMPORTANT: PLEASE KEEP YOUR ORIGINAL SALES RECEIPT AS PROOF OF PURCHASE.

Without the required Proof of Purchase you may not be eligible for coverage under this Limited Warranty. If you have any problems with this product, please call Takara Customer Service toll free at 1-888-238-8103. Our Customer Service Operator will provide you with the proper information and instructions to deal with your questions or problems with this product. The decision whether to either repair or replace this product is at the sole option of Takara U.S.A. Corporation. This warranty does NOT cover damage or failure caused by or attributable to Acts of God, abuse, misuse, improper or abnormal usage, or any repairs (other than those provided by Takara U.S.A. Corporation) or shipping costs incurred in transporting this product to Takara U.S.A. Corporation. Some states do not allow the limitation or exclusion of incidental or consequential damages and some states do not allow limitation or exclusion of implied warranties; therefore the aforesaid limitation(s) or exclusions may not apply to the purchaser. This warranty gives you specific legal rights and you may have other rights which vary from state to state. This Limited Warranty is VOID if this product is purchased outside of either the U.S.A. or Canada.

- Batteries can be harmful if ingested. Please keep out of the reach of children.
- Batteries should be inserted by a parent/guardian.  
 <<Incorrect handling of batteries may result in overheating, battery failure, or leakage. Please be careful of the following points when handling batteries.>>
- Do not store or use old, new, and other types of batteries together.
- Please make sure to set the batteries correctly, aligned with the + and - signs in the battery case.
- Do not heat, take apart, put into open flame or recharge batteries, or cause them to short circuit.
- If a battery leaks and acid gets in your eyes, rinse immediately with large amounts of cold water and see a doctor immediately. If the acid makes contact with your skin or with your clothing, rinse with cold water.
- Please read this User's Manual thoroughly before using Bow-Lingual.
- Please dispose of packaging after opening.
- Do not drop, expose to moisture, or take apart.
- Do not use or store in extremely low or high temperatures.
- Do not use in the rain or in the water.
- When all batteries are removed from the Main Unit simultaneously, all data will be lost.
- Do not use rechargeable batteries.
- Bow-Lingual will not produce good results in a noisy location. Please use in a quiet place for optimal performance.

Bowlingual Model No.85000

**FC** Tested To Comply With FCC Standards

FOR HOME OR OFFICE USE

**TAKARA**<sup>®</sup>  
 Customer Service  
 1-888-238-8103

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**TAKARA**<sup>®</sup>  
 ITEM NUMBER Red:85001 / Blue:85002