



| Content | Page Number |
|---|-------------|
| Polly the Tekno Parrot Operating Manual | 2 |
| 1 Removing Polly from the Package | 3 |
| 2 Initial Set up | 4 |
| 3 Understanding Polly's programming | 4 |
| 4 Polly's sensors and touch inputs | 5 |
| 5 Polly's basic functions | 7 |
| 6 Teaching Polly's tricks | 9 |
| 7 Advanced Programming Tricks | 10 |
| 8 Replacing Polly's Batteries | 13 |
| 9 Using the Power Jack | 14 |
| 10 Trouble shooting | 15 |
| 11 Interacting with other Robotic Pets | 16 |

Polly the Tekno Parrot

Operating Manual

Polly is an authentic robot that does everything a real Parrot can do...and more! He can "squawk", talk, flap his wings, and display a wide range of emotions. With your help, he can even be taught new words to say!

Thanks to his artificial intelligence program (and a few well chosen words!), Polly will let you know how he is feeling and provide feedback on the care you provide. Polly knows how long it's been since he's been fed and is quick to remind you when he is need of some attention. Polly likes to be taken out of his cage. If he is left in too long, he may even catch a cold!

Polly has state-of-the-art sensors that allow him to "see" and "hear" and even "feel" your touch. With these sensors and Polly's powerful computer brain, Polly can to determine many things. He can tell if it is getting dark, if the lights in the house suddenly turn on, if someone's talking to him, if someone is walking past him, if there is a loud noise (like a knock at the door), and even if you're

petting him on his back!

Polly will show his emotional state by the color of his eyes. If he is excited or scared, Polly's eyes will turn Red. If he is happy and healthy, his eyes will be Green.

Polly has an extensive vocabulary. By playing with him over a long period of time, you will hear more and more phrases and words that Polly knows how to say. The more you play with him, the more surprising things he will say. He really speaks his mind!

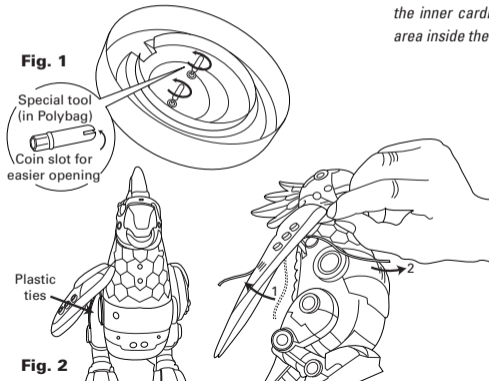
Just like real parrots, Polly has the amazing ability to mimic any sound or person and use it as part of his vocabulary. He can either be taught to repeat it back immediately or to use it in his everyday speech. In short, Polly is programmed to respond just like a real bird!

Understanding Polly

Follow the instructions included in this manual (or use the website **www.polly-robot.com**) will enable you to provide the best life possible for Polly... and lead too greater enjoyment in your new role as Cool Pet Owner.

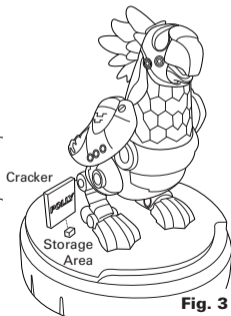
1) Removing Polly from the Package:

Polly's cage is actually part of the package. Polly is held in place (for shipping purposes) by two plastic ties and two plastic screws under his feet. First, use the included tool to unscrew the two plastic hex nuts (**Fig 1**). Next,



remove the two plastic ties (**Fig 2**) under the wings. You can discard the tool and the hex nuts as they are no longer needed. Open Polly's cage door and lift Polly up and out.

IMPORTANT: *Be sure to save Polly's Cracker from the inner cardboard sleeve and place it on the storage area inside the cage for safe keeping (**Fig 3**).*



2) Initial Set up

After Polly is free from the package, pull the Tab out from under his tail feathers to begin his program set up. Turn the On/Off switch off and then on again. When you hear a "beep". It means Polly has come to life!

3) Understanding Polly's programming

Polly uses the latest in artificial intelligence software. He has the intellect of a real parrot. Real parrots aren't perfect and, from time to time, he may have a mind of his own. Sometimes Polly will respond to your commands, and other times he will do what he wants to do. It all depends on how he feels and how you are trying to communicate with him.

Like all parrots, Polly loves attention. Yell out his name and clap your hands to let him know you're there. Pet him on his back when him he feels lonely. Feed him regularly. Change his batteries when he stops working. Just think of him as a real parrot and he will be your friend for life!

4) Polly's sensors and touch inputs

To understand how Polly works, you must know about his input devices (**Fig 4**).

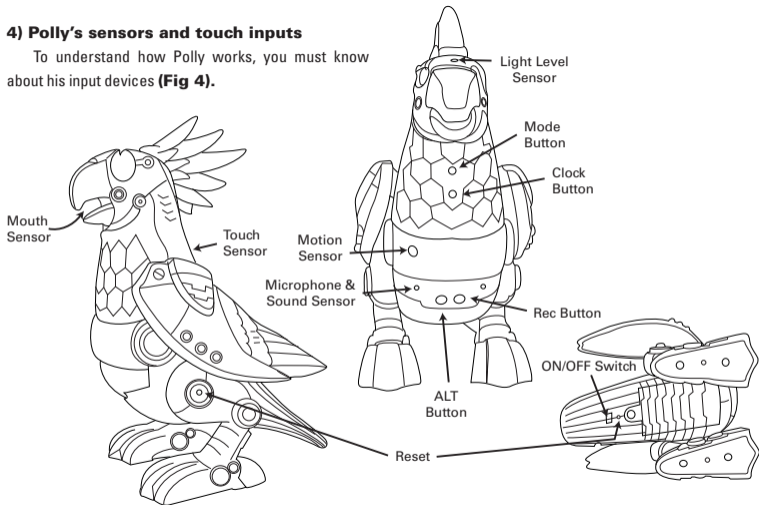


Fig. 4

- Located between his eyes on the top of his beak, Polly's LIGHT SENSOR responds to changes in light levels.
- The SOUND SENSOR in Polly's body allows him to respond to voices and other noises.
- When pressed, the MOUTH SENSOR lets Polly know he is being fed. You'll know he is enjoying his meal when you hear crunching noises.
- Polly's TOUCH SENSOR lets him know that he is being petted. This sensor is your way of letting Polly know how much affection you have for him. When you stroke Polly on his back, he will become very happy. Please note the location of the sensor.
- Polly's MOTION SENSOR gives him the ability to "see" objects moving around him.
- The MODE BUTTON is used to program Polly and teaching his tricks.
- The CLOCK BUTTON is used to set the clock or alarm function.
- The REC BUTTON is used to program Polly to learn new words to speak.
- The ALT BUTTON is used as to help you to program different functions into Polly.
- The CAGE SENSOR located in his foot is used to let Polly know if he is in his cage or not.
- Polly powers up or shuts down when you move the ON/OFF SWITCH.
- The RESET BUTTON refreshes Polly's brain back to the beginning of his programming.

5) Polly's basic functions

Powering up Polly:

Turn the On/Off switch to the ON position. You will hear a "BEEP". Touch Polly on his Touch sensor on his back until you hear a "Cooo" sound. Polly is alive!

Polly will begin to sense what is going on around him automatically. If you yell his name or clap for him, he may squawk, whistle, or say something clever.

You can place Polly and his Cracker back in his cage for safe keeping (**Fig 5**). Polly will respond differently when in his cage. He may seem a little anxious and a bit less courteous. He will also ask you to let him out. Polly likes the great outdoors outside his cage!

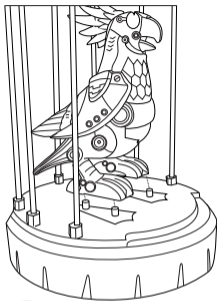


Fig. 5

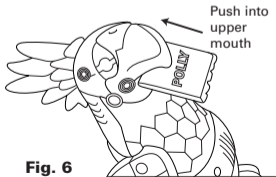


Fig. 6

Keeping Polly happy:

Polly needs attention and stimulation to be happy. Just like a real parrot, it is important to play with him and not forget to take care of him. Gently stroking his back (**Fig 7**), talking to him, or clapping your hands will meet with his approval.

Polly loves to eat! Remember to feed him once a day (or more if you prefer). Polly always likes a snack during the day. In fact, he will actually ask you to feed him when he is hungry. If he says "Polly wants a cracker", you will know it's eatin' time. By pressing the Cracker to his MOUTH SENSOR in the roof of his mouth (**Fig 6**), you'll hear crunching noises that indicate he's

one satisfied parrot. He may even thank you! Remember to place Polly's cracker back in the cage for safe keeping.

How you can tell Polly is unhappy:

Polly's eyes will let you know his mood. If you see his eyes change from green to yellow to red, it's time to cheer him up. To make him happy again, just feed him, pet him on the back, or best of all remove him from the cage. If you hear Polly start to sneeze with a big "ACHOOOO!" then you know is time for a little sunshine outside his bars.

Polly does not like to be left alone. If you haven't played with him as often as he'd like, Polly will ask "Where is everybody?" or cry "Whoa is me!". When you return, in most cases he will be extremely happy to see you again. He may ask "Where have you been?" or ask "Who's there?" Check to see if his eyes are Red. If so, it's time for a walk and a little play activity.

When Polly gets sleepy:

Polly likes to sleep when it gets dark. Occasionally,

you will hear him yawn. When Polly falls asleep you will hear him snore for a few minutes and be quiet until disturbed. You can easily tell if he is asleep as his EYES will not be lit.

Shhhhh! Be careful not to wake him or he may say to you "Can't you see I'm trying to sleep!" You can wake Polly up by talking to him, making a loud noise, or turning on the lights. You will know he wakes up in a good mood if you hear him say "What a beautiful day!"

You can make Polly really happy if you pet him once and a while. Run your fingers down the center of his back (**Fig 7**). Polly will "coo" with appreciation and thank you.



Fig. 7

7) Advanced Programming Tricks:

Now it's time to really concentrate. Polly's advanced tricks are a bit more difficult to program but well worth the effort.

Alarm Clock

Polly will wake up at exactly the time you want him to beg you to wake up too.

To program Polly, you must teach him to tell time. Press the CLOCK BUTTON for 3 seconds until you hear a "Beep". You will see that both of Polly's eyes are GREEN which means it's A.M. (midnight to noon). If his eyes are RED it means P.M. (noon to midnight)

Next, check your clock to see the current time of the day. Press the ALT BUTTON (listen for a "beep") one time for each of the hours of the day starting with AM. If you press more than 12 times, Polly's eyes will turn RED indicating that you are in PM time. Press the CLOCK BUTTON when you have finished. You will hear a number of beeps equal to the number you pressed. Press the MODE BUTTON to confirm (Polly's eyes will

turn Yellow). You have just set the hours of the day. If you set the wrong time, you must press RESET and start over

To set the minutes, look at the current time and divide the minutes into 5-minute segments. Each five-minute segment will be equal to 1 "beep". For example, 15 minutes equals 3 "beeps", 20 minutes equals 4 "beeps", etc. Press the ALT BUTTON (listen for the beep) once for each 5-minute interval of time. Press the CLOCK BUTTON when you have entered the correct minutes. The Eyes will flash on and off and you will hear the number of beeps you have entered. If the number of beeps is correct, press the MODE BUTTON to confirm. If the number of beeps is incorrect, press RESET and start over. Polly's Eyes will stop flashing when he is ready for is normal play.

ATTENTION: *Be careful not to touch the TOUCH Sensor during this programming process or you will have to start over.*

To set the Alarm:

In setting Polly's alarm, you have 2 choices as to how you'd like him to wake you up in the morning. Polly can either wake you up by talking to you or can make a "Alarm" sound. Here's how to set him.

Press the **MODE BUTTON** and the **CLOCK BUTTON** for 3 seconds and release. You'll hear a Polly say "Wake Up!". You are in Alarm set mode.

To select a wake-up time, repeat the same process for setting the Clock using the same method and buttons. Polly will wake you up by yelling "Wake Up!". If you want to wake up with an Alarm sound instead, press the **MODE BUTTON** and **REC BUTTON** for 3 seconds. You'll hear 4 siren alarm sounds. That tells you the alarm is set.

Polly will shut himself off in a short period after his alarm goes off. You do not need to press any of his buttons to make him stop.

IMPORTANT: *If Polly's batteries go dead or they are removed or the **RESET** button is pressed or the **ON/OFF SWITCH** is moved to the **OFF** position, you must reset both the Clock and the Alarm by repeating the procedures.*

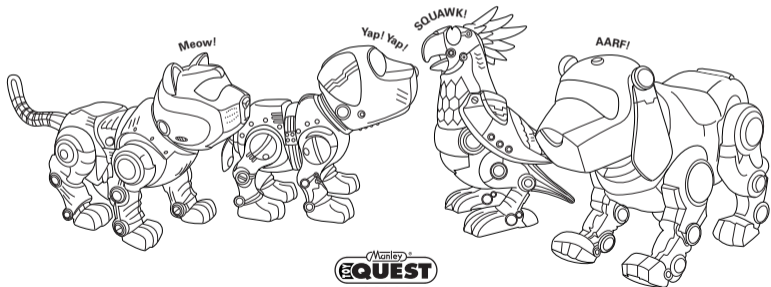
ATTENTION: *Be careful not to touch the **TOUCH Sensor** during this programming process or you will have to start over.*

10) Trouble shooting:

| Difficulty | Solution |
|--|--|
| Polly does not respond to me when I call him | You may be speaking too quietly. Try to get closer to him, speak louder, or clap your hands. He is always listening! |
| Polly's "learned" speech sounds greatly distorted. | You are speaking too low or are too far away for Polly to hear correctly. Try to speak about 6 inches from Polly's body. |
| Polly fell and his wings fell off. | This is normal under extreme conditions. Simply pop the pieces back on. Match the flat surfaces of the wings to the pins to make the proper alignment. Please do not do this under normal conditions as it may lead to permanent damage. |
| Polly's mouth seems to be running slow. | This is a sign that the batteries are running low. It's time to replace them with a fresh set |

11) Interacting with other Robotic Pets:

Polly's programming is designed to hear and respond with other Robotic Pets from the Institute of Robotic Technology. These include Tekno the Robotic Puppy or Kitty the Robotic Kitten. If you have a friend with a Kitty or Tekno, place them near one another. You'll see they begin to react to each other and all sorts of fun ways! They'll walk, talk and generally like each other's company. It's a great way to keep your Polly the Tekno Parrot happy!



Manley
TOY QUEST

14614

www.manleytoyquest.com