Index to Penguin Tech Magazine

Issue #2

Page	Title

1 Contents

The Humanizer Penguin Robot

Penguin Robot Will Detect Humans & Their Motions With a PIR Sensor

2 Humanizer Continued

Penguin On LCD – Upgrade For Text

- 3 Penguin On LCD Continued
- 4 Breadboard Projects

ASCII Penguin

PBASIC Grab Bag - Guidelines, Sample Code, Techniques

Focus On IF-THEN Statement Styles

Standard IF-THEN and a Label-Subroutine Using IF-THEN with ELSE and ELSEIF

IF-THEN with Multiple Statements

IF-THEN-OR Exampl

IF-THEN with AND Logical Operator

IF-THEN with Expression Solving

IF-THEN with Condition

END-IF with DO-LOOP-UNTIL

Penguin Tune Creator

Turn Off Segment Display

5 How I Got Started in Robotics

by David Buckley

6 Penguin Ideas, Tips, Techniques

Free Ping))) Bracket

Save Batteries

Protect the Power Switch

Socket the Penguin Board

Application Ideas

Photocell Protector

Accommodating Add-ons

IR LED Light Shields

Big Toe Sensors

Transporting

Shut Off the Display

Kit Tips For Building Penguin Robots

Keeping Track of Servo Connectors

7 Humanoido's Penguin Robot Code (Seven New Programs)

finger.bs2

penguin_asciii.bpx

penguin_humanizer.bpx

penguin_on_lcd.bpx

penguin_fast_lcd.bpx
penguin_lcd_ascii.bpx
penguin_tune_creator.bpx
Penguin Builder Power – A List of New Penguin Robots Built
Penguin Easter Eggs – Beer Can Feet
Retro World (Name This Famous Robot)
Call for Authors

8 Talk About Penguin Robot
2-Servo Biped Design - Article by Ken Gracey
Rare Preproduction Photo - Penguin with Feet Pins On the Outside
Penguin Tech Builder Contest Award Certificate
About Penguin Robot Society

Useful Links & References

Penguin Tech Magazine This is the first independent electronic magazine all about Penguin Robots, Basic Stamp microcontrollers, sensors, hobby projects, PBASIC programming, and fun projects! For more information, contact humanoido at email: penguin(dot)robot(at)yahoo(dot)com. Issues of Penguin Tech are now available in PDF format. http://tech.groups.yahoo.com/group/toddler_robot/files/

Penguin Robot Society (PRS) is a society of robot enthusiasts who share ideas, projects and information about the Parallax Penguin Robot. To become a member, or for more information, send an email about your interests to humanoido at email: penguin(dot)robot(at)yahoo(dot)com.