CONTENTS | MägPi

Contents

➤ Issue 81 ➤ May 2019

Cover Feature

²⁶ Build a Raspberry Pi project

Regulars

06 The world of Pi

92 Your letters

97 Next month

98 Final word

Project Showcases

12 Sean's Pi robot

16 GTA: San Andreas Radio Set

18 Commodore monitor

20 Chord Assist

22 Intelli-T Pi Sensor Alarm







DISCLAIMER: Some of the tools and techniques shown in The MagPi magazine are dangerous unless used with skill, experience, and appropriate personal protection equipment. While we attempt to guide the reader, ultimately you are responsible for your own safety and understanding the limits of yourself and your equipment. Children should be supervised. Raspberry Pi (Trading) Ltd does not accept responsibility for any injuries, damage to equipment, or costs incurred from projects, tutorials or suggestions in The MagPi magazine. Laws and regulations covering many of the topics in The MagPi magazine are different between countries, and are always subject to change. You are responsible for understanding the requirements in your jurisdiction and ensuring that you comply with them. Some manufacturers place limits on the use of their hardware which some projects or suggestions in The MagPi magazine may go beyond. It is your responsibility to understand the manufacturer's limits.









Tutorials

34 Electronics with GPIO Zero 1.5

38 Make a retro games console

44 Party popper launcher

52 Lego Boost part 2 – Pi Bakery

58 Start creating GUIs with GTK

The Big Feature



Reviews

72 balenaFin

74 Breadboard Pi Bridge

77 PiTalk

78 JAM HAT

80 Top 10 laptop kits & projects

82 Learn game development

Community

84 Nikole Vaughn interview

86 This month in Raspberry Pi

90 Events





04 | magpice | 05