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Using The Yosoo GM328: A Guide For Radio And Electronics Experimenters



Synopsis

The Yosoo GM328 is one of the most popular and unique pieces of budget test equipment introduced over the last few years, but without a user's manual and with little documentation, details of its inner workings (or its full capabilities and limitations) have remained a mystery to most users. Until now... Get ready to take a deeper dive into the the Yosoo GM328! This book starts with the basics and digs deeper to explain things like how the GM328 really tests capacitor ESR, how it can be used as a signal source, and how to interpret the results for a Darlington transistor. Or maybe you need some help because the contrast control has been accidentally adjusted to a level that makes the display unreadable or you are suddenly seeing an error message that says the GM328 is out of calibration. This book has something to offer whether you are just getting started in radio and electronics or already have a bench full of test gear. If you are looking for the right transistor to use in that new QRP rig, a detector diode for a vintage crystal radio set, or need to know if a MOSFET with questionable markings has diode protection built in, get ready to find the information you need to get the job done. Much of the contents is also applicable for those using other brands and models of testers which offer similar features and capabilities. These include the SainSmart GM328, the INSMA 12864 / GM328A, the KKmon GM328, and the DROK Mega 328.

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Customer Reviews

The GM328 comes by itself, wrapped in bubble wrap with no instructions, there are many sites on the internet that go into very great detail of what the GM328 does, lots of theory behind the operation. This book was written for those of us that just want to use it, put the CBE leads in these slots and this is the reading and what it means, put the resistor in these slots and take the reading, same with capacitors, I haven't tried it out on the coils of an SDR kit but I think it would make the measurements, the author also covers a few other functions. If you want a quick and easy guide to using the GM328 this is a good start, if you want to get into technical details there are quite a few sites on the internet that should interest you.

What can I say, this thing is amazing for the money! You just have to solder 3 leads to the board and your off! Press the knob to turn it on, turn it to choose your poison and after connecting the leads to your component in question, press it again and BOOM you have what you know what your working with. Great for capacitors to be sure. I took a batch of caps that tested fine as far as their capacitance before I got this unit and after testing them with it I found the ESR was way out on 5 out of 40 of them and the voltage loss was double to triple what it should be on about 3 out of 40 of them making my batch of recycled caps ready for prime time.

Although I've had them GM328 for some time, I ran across this guide. I always wanted to get a better understanding of the GM328 but there seemed to be some confusing information on the web. This guide is well written and provides real world examples and explanations on how the unit performs its tests. Now that I have that knowledge, I am better prepared to understand the results I get from testing various devices. Well done!

It works as described, and i find it very use full. I found a bad capcitor with its first use. A 1000uf cap measured 373uf with a esr of .06. It tested fine with a dvm but was in fact out of spec and causing the circuit to behave badly. No instructions come with this tester!! I recommend getting this guide; https://www..com/Using-Yosoo-GM328-electronics-experimenters-ebook/dp/B01FGSRN9Q/ref=sr_1_1?ie=UTF8&qid=1484754171&sr=8-1&keywords=yosoo+gm328+guide

This manual explains all the functions of the GM328 in a very straight-forward method. It also exposes it's strengths and weaknesses, it's history and technical/functional details. The book goes into alternative ways to measure components, how to match transistors and a very thorough explanation of exactly what ESR is. It has a perfect balance of information for both the beginner and advanced user. The troubleshooting section is valuable, as well. You won't regret buying this book. Thank you, Mr. McClanhan!

This thing rocks. A lot of functionality for the price.

Great Ebook! Very helpful.

Thorough analysis of this marvelous test tool.

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