

Emmanuel Venieris

Owner & Design Engineer @ Notiko Electronics

manolis@notiko.com

Summary

Analogue Electronics Design. Patented in 2011 a special phantom powered differential amplifier which is the core of Tube Phantom and easyDI, front line products of Notiko Electronics. Filed a patent in 2015 for simulation of germanium transistor amplifiers with the use of silicon transistors. Scientific Assistant at Department of Music Technology & Acoustics-Technological Educational Institute (T.E.I.) of Crete Electrical engineering. Electrical & Mechanical planning-supervisor in several constructions, such as hotels, commercial, industrial and domestic buildings. Safety Engineer in 3 Hospitality Industries and a Concrete Industry. Energy Inspector in Commercial and Domestic Buildings. Specialties: Audio electronics Design. All discrete Analogue circuits. Digital Logic, Assembly programming of Atmel's AVR. Programming with Visual Basic, Turbo C++ and Turbo Pascal. DWG, DXF, XLS, DOC usability. Design of extended fire safety systems in Hotels.

Patents

Phantom Powered Amplifier

Greece Patent GR1007377 Issued August 26, 2011

Inventors: Emmanuel Venieris

It is disclosed an amplifier receiving simple-input unbalanced signal from an external audio signal source and providing balanced output (namely two signals of equal width and a phase difference of 180 degrees). The amplifier in question is implemented by use of discrete components; its inputs -being coupled to a common node- are biased to the same dc voltage. The amplifier is being in dc coupling with both the console input and the audio signal source as well, so that the use of capacitors throughout the signal path is avoided and the phase distortion of the amplified signal is cancelled.

A silicon transistor amplifier that simulates the performance of a germanium transistor amplifier

Greece Patent Application 20150100182

Inventors: Emmanuel Venieris

Amplifier which comprises a silicon transistor and receives audio frequency electric signals from a musical instrument such an electric guitar and having amplification and distortion characteristics similar with those of a germanium transistor amplifier. Present amplifier is capable to have even better saturation performance in overdrive, than that of a germanium transistor amplifier. Said amplifier has excellent repeatability and consistent performance over temperature, unlike the germanium transistor amplifier which respectively fails to maintain the desired performance. The amplifier is not affected from variations in characteristics that occur even in transistors among the same batch, such as current gain (hfe) and leakage current (Icbo), factors that are usually decisive for the entire performance of a germanium transistor amplifier.

Experience

Design Engineer at Notiko Electronics

September 2010 - Present (5 years 8 months)

Founder of Notiko Electronics a company that specializes in audio analog design with particular expertise in the design of class A' tube and solid state preamplifiers. Audio electronics design Engineer.

Scientific Assistant in Electronics Lab at TEI of Crete

February 2002 - Present (14 years 3 months)

Tuition of theory and laboratory courses for Audio engineers in the field of audio amplifiers and courses on special analogue design and operational amplifier concepts. Supervisor in several graduating studies within the subject of amplifier technology. Development of infrasound aquisition systems.

Safety Engineer / Technical Consultant at Minos & Minos Mare Hotels

March 1999 - Present (17 years 2 months)

Member of the Technical Chamber of Greece. Safety Engineer/Technical Consultant at the following hospitality companies: Minos Mare Hotel (Rethymno 50 employees) Minos Mare Royal Hotel (Rethymno 40 employees) Minos Hotel (Rethymno 50 employees) Safety Engineer/Technical Consultant at Betarm S.A. Concrete Industry (Rethymno 48 employees)

Research programs assistant at Aristotle University of Thessaloniki

May 1997 - October 1998 (1 year 6 months)

Co-operation in research programs performed for the Mobile Phone Company «Cosmote SA», by the Magnetic Resonance Laboratory of the Telecommunications Section. "Survey in the operation spectrum of DCS-1800" "Study of problems with propagation in real conditions of functioning of communicating system DCS-1800 " "Measuring of attenuation of a signal by protective materials of antennas at DCS-1800"

Skills & Expertise

Audio Design

Audio Engineering

Safety Engineering

Fire Safety

Electronics

Research

Sound Design

Engineering

Analog Circuit Design

Microsoft Excel

AutoCAD

Audio Post Production

Project Planning

Telecommunications

Electricians
Electrical Engineering
Project Management
Data Analysis

Education

Aristotle University of Thessaloniki

70/100, M.Sc. Electrical Engineer, 1992 - 1998

2nd Lyceum of Rethymno

1988 - 1991

Interests

Oud, Acoustic & Electric Guitar, Mandoline

Certifications

Licensed production of audio amplifiers

Ministry of Development - Greece August 2010

Languages

English

(Elementary proficiency)

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3 people have recommended Emmanuel

"Emmanuel is currently our Safety Engineer/Electrical Engineer. He gave his best as a Construction Manager in our new hotel (Minos Mare Royal-2009)."

— **Manousos Psaroudakis**, was with another company when working with Emmanuel at Minos & Minos Mare Hotels

"I have been studying in the same university with Emmanuel (Aristotle University of Thessaloniki). Emmanuel reached great results and was always a good example for everybody. He was always looking into the details which make the difference of his job."

— **George Tsakis**, worked directly with Emmanuel at Aristotle University of Thessaloniki

"I have known Emmanuel since attending the Electrical and Computer Engineering Undergraduate program study at the Faculty of Engineering of Aristotle University between 1992 and 1998. Since then, we were collaborators in both graduate and post-graduate projects. Knowing him as a fellow-student, colleague and friend, I think that Emmanuel is a very intelligent and highly motivated person, with remarkable knowledge and experience in the demanding field of engineering, so that I have no hesitation in recommending him."

— **Babis Dimoulas**, studied with Emmanuel at Aristotle University of Thessaloniki

[Contact Emmanuel on LinkedIn](#)