www.ArduGuitar.org

Wireless control of an Electric Guitar
Electric Guitar
All I knew...

$$V = IR$$
Vision

Control this Android Phone

Play this Electric Guitar

No Knobs or Buttons!
But, why didn't this already exist?

- Too difficult to build
- Nobody wants it
a Community of Inspiration
Marshall McLuhan (1962)

“In this new age, humankind will move from individualism and fragmentation to a collective identity, the global village.”

and

"When faced with a totally new situation we tend to always attach ourselves to the objects, to the flavor of the most recent past. We look at the present through a rear-view mirror. We march backwards into the future."
Thanks, Mitch!
the Pot

Potentiometer

Manually turn knob

R₁ and R₂
Vary

Analog Pot
the Pot

**Potentiometer**

Manually turn knob

**R**₁ and **R**₂ Vary

**Vactrols**

Electronically apply current

**R**₁ and **R**₂ Vary

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**Digital control - Analog Pot**
ArduGuitar Technology

Processing
Android
Bluetooth

Vactrols
Arduino Micro C++
Bluetooth

wireless
Thanks!

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