Universal IR Remote Control

Science Hack 2019
- Universal IR Control

- Compatible to most general purpose IR controlled devices

- Stackable/chainable commands

- Extandable for other features
Why an Universal Remote Control?
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Applications

- Control Applications:
  - Automated Garage Gates
  - Lighting Control

- Interface for Smart Devices
  - Closed Eye Detection for TVs
  - WiFi Lighting Control

- Device Function Extender
  - External Sleeping/Alarm Timer
  - Human Centric Lighting

- (and also, of course – easier life for MediaMarkt Employees)
MEET SUSTAINABILITY

- Leverages IoT & Smart Home Applications
- Supports energy savings in household
- Reduction of required remote controls (especially large-scale applications)
- Preservation of resources
State of the Art

- Scanning & imitation of up to 6 IR devices, with up to

- 6 commands per device,

- of most common manufactures

- Execution of more complex command chains

- **PARTY MODE!**
And Now..

PARTY ON!