



See the

music



DC 126

Preface

- Project description
- Research
- Concepts
- Interim meeting

why?!

- Good comments after interim.
- No mp3-player available for kids.
- Best concept.



Research

- Basic research.
- Looked at existing players for kids.
- Went to elementary school.
- Contacted expert about controls.



Research

Conclusions

- Children learn very quickly.
- Children know how to control existing products.
- Children like products that have a special feature.
- Very small children don't have interest in a music player but love to have a karaoke machine.

Research



Requirements

- **Controls**
 - Understandable for kids
- **Portability**
 - Easy to grab handle
 - Straps to make it a backpack
- **Design**
 - Round shapes
 - Durable
 - Lights for the "disco"
 - Built-in speaker and a microphone



wiggle



Specifications

- **Shape**
 - Round half sphere to provoke tilting.
- **Controls**
 - Combination of touch and movement triggers an action.
 - Shaking two connected 'Wiggles' will exchange the playing music.
 - Rotating when holding both handles will turn the volume up or down.
- **Technology**
 - Combination of tilt- and capacitive switches.
 - IC for controlling the LED's.
 - Newest mp3 storing and playing technology.
 - Wired microphone with a record button.

Specifications

- **Material**
 - Soft, nice feeling plastic (non-toxic)
 - LED's, electronics and metal
- **Colour:**
 - Green
 - Blue
 - Purple



Questions??