Greetings. We are part of a senior design engineering class at UIC researching experiences and uses of sound device playback. We appreciate your honesty and time. Thank you.

Please answer the following general questions:

1.) Based on experience, how easy is it to interface USB devices?
   Not Easy   Somewhat   Very Easy
   1  2  3  4  5

   Absolutely Needed   Wanted, Not Required

2.) How useful are LCD screens for users of personal music players?
   Not Useful   Somewhat   Very Useful
   1  2  3  4  5

   Absolutely Needed   Wanted, Not Required

3.) How relevant are color LCD screens for personal music players?
   Not relevant    Somewhat   Very Relevant
   1  2  3  4  5

   Absolutely Needed   Wanted, Not Required

4.) How important is it that users be able to order music play lists or have random playback?
   Not important   Somewhat   Very Important
   1  2  3  4  5

   Absolutely Needed   Wanted, Not Required

5.) Should an average consumer be able to self install a doorbell?
   Yes   No

   YES   NO

6.) Should there be technical support for the user?
   Yes   No

   YES   NO

7.) Should the user manual have schematics?
   Yes   No

   YES   NO

8.) Should the manual be available on a CD?
   Yes   No

   YES   NO

Note: Doorbells are not typically installed next to computers. Though the survey indicates this is desirable it will be omitted from design.
Non-Technical Survey
Greetings. We are part of a senior design engineering class at UIC researching experiences and uses of sound device playback. We appreciate your honesty and time. Thank you.

Please answer the following questions relating to MP3 players:
1.) When listening to MP3s, music quality is important to you.
   Strongly Disagree   Somewhat   Strongly Agree
   1  2   3  4  5
   Absolutely Needed   Wanted, Not Required

2.) When purchasing a personal music player, user-friendliness is an important feature.
   Strongly Disagree   Somewhat   Strongly Agree
   1  2   3  4  5
   Absolutely Needed   Wanted, Not Required

3.) How much do you think an MP3 player costs?
   $138.63

4.) How much would you be willing to pay for an MP3 player?
   $106.00

5.) If you purchase a MP3 player, how long would you wait until upgrading to another model?
   2 Years

6.) How useful are LCD screens when using personal music players?
   Not Important   Somewhat   Very Important
   1  2   3  4  5
   Absolutely Needed   Wanted, Not Required

7.) How relevant are color LCD screens to you when purchasing a personal music player?
   Not Important   Somewhat   Very Important
   1  2   3  4  5
   Absolutely Needed   Wanted, Not Required

Please answer the following questions about cell phones:
8.) Is the customizability of cell phones important to you?
   Yes   No

   YES   NO

If you answer yes, please rank the following list. If not, proceed to question 9.
   (1) – Least Important through (9) Most Important
   ____ Personalized Ring Tones
   ____ Physical Appearance
   ____ Weight
   ____ Battery Life
   ____ Keypad (interface)
   ____ Display (Color LCD Screen)
   ____ Display (Black / White LCD Screen)
   ____ Digital Camera
   ____ Display Quality
Please answer the following questions relating to doorbells:

9.) How important is the appearance when you purchase a doorbell?
   Not important   Somewhat   Very Important
   1        2          3          4          5
   Absolutely Needed  Wanted, Not Required

10.) What type of exterior appearance does your current doorbell have?
    a.) Wood Finish
    b.) Metallic Finish
    c.) Wood and Metal Finish  Wood and Metal Finish Most Frequent
    d.) Plastic (Specific Color: _____________)
    e.) Other ____________

11.) Do you pay attention to a doorbell chime?
    Yes  No
    YES  NO

12.) How important is it that you be able to customize the sound of your doorbell?
    Not Important   Somewhat   Very Important
    1        2          3          4          5
    Absolutely Needed  Wanted, Not Required

13.) How much do you think a doorbell costs?
    a.) $0.00 - $9.99
    b.) $10.00 - $19.99  $10.00 to $19.99 Most Frequent
    c.) $20.00 - $29.99

14.) How much would you be willing to pay for a doorbell?
    $15.33

Please answer the following general questions:

15.) Do you own or have access to a computer with USB (universal serial bus) ports?
    Yes  No
    YES  NO

16.) Does electrical utility cost influence your product purchasing decisions?
    Yes  No
    YES  NO