

# Fun Activities Using Remote Controlled Devices

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# Fun Activities using Remote Control Technology

- Introduction
- Remote Control Devices in Everyday Use
- Transmitter and Receiver
- Remote Devices
- Remote Communication between Devices
- Commercially modified Battery Powered Toys
- Self modified Battery Powered Toys and Devices
- Question / Answer

# Purpose of Remote Switch Technology

- Include children with special needs in classroom activities
- Improve motor function
- Learn cause and effect
- Technology can be adapted for any grade or age
- Fun

# Remote Technology

- Remote devices are used everyday (eg TV Remote)
- Requires transmitter and receiver
- Must be compatible
- Generally can be used at up to 30 feet
- Advantage: No wires
- Disadvantage: Must communicate reliably (in sync). Requires power supply at both ends.

# Cable TV Remote





# Peanuts Linus



# Peanuts Band





# Remote Communication between Devices -Disney Wireless Band-

**Minnie**  
Sings "The 12 days of Christmas" and "Jolly Old St. Nicholas."  
*Available now*

**Goofy**  
Sings "O Christmas Tree" and "We Wish You a Merry Christmas."  
*Available now*

**Mickey**  
Sings "Jingle Bells" and "Deck the Halls."  
*In stores November 29*

**Daisy**  
Sings "Carol of the Bells" and "The Nutcracker March."  
*Available now*

**Donald**  
Sings "Up on the Housetop" and "It Came Upon a Midnight Clear."  
*Available now*

**THE MORE, THE MERRIER.**

Find the whole band, exclusively at Hallmark Gold Crown.

**SPECIAL OFFER**  
Disney Wireless Band  
\$15.95 each with any purchase  
(regularly \$29.95 each)  
*Offer details on flap.*  
Each band member holds their favorite instrument and plays 2 songs. As a quintet, they play 10!



# Remote Controlled Toy





# Remote Controlled Helicopter





# Remote Thunder Tumbler



# Remote Switch & Receiver for Wall Powered Devices -Hallmark Treeluminator-





# Treeluminator Switch with Receiver and Lights



# Operation of Remote Switch





# Operation of Remote Switch



# Electric Lighted Pumpkin





# Operation of Remote Switch



# Operation of Remote Switch



# Remote Wall Outlet Switch

(Can be used to turn on/off items that plug into wall outlets.)

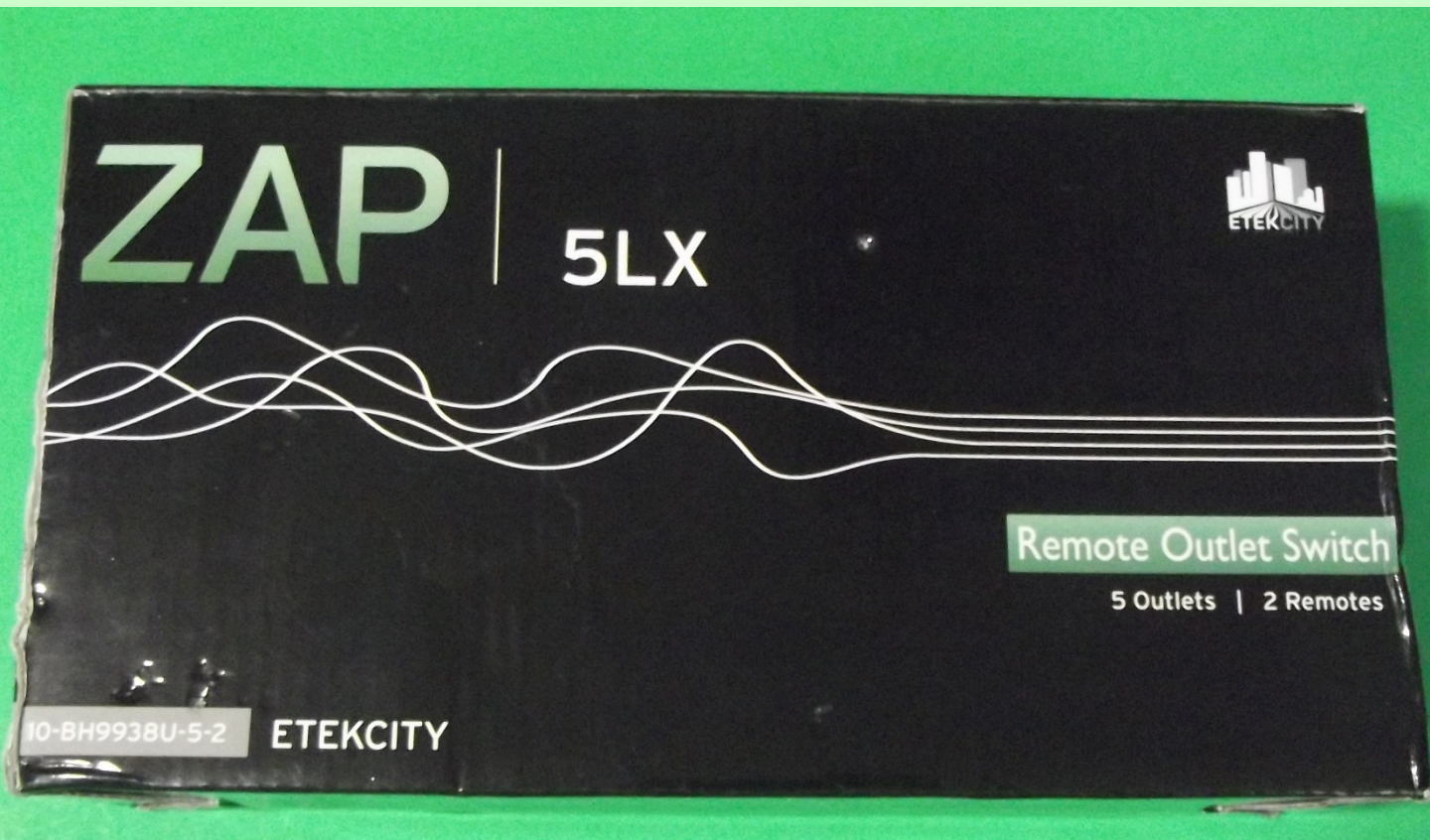




# ZAP Remote Outlet Switch

(Walmart.com or similar)

- Includes 5 wall outlet receiver switches
- Includes 2 remote transmitters





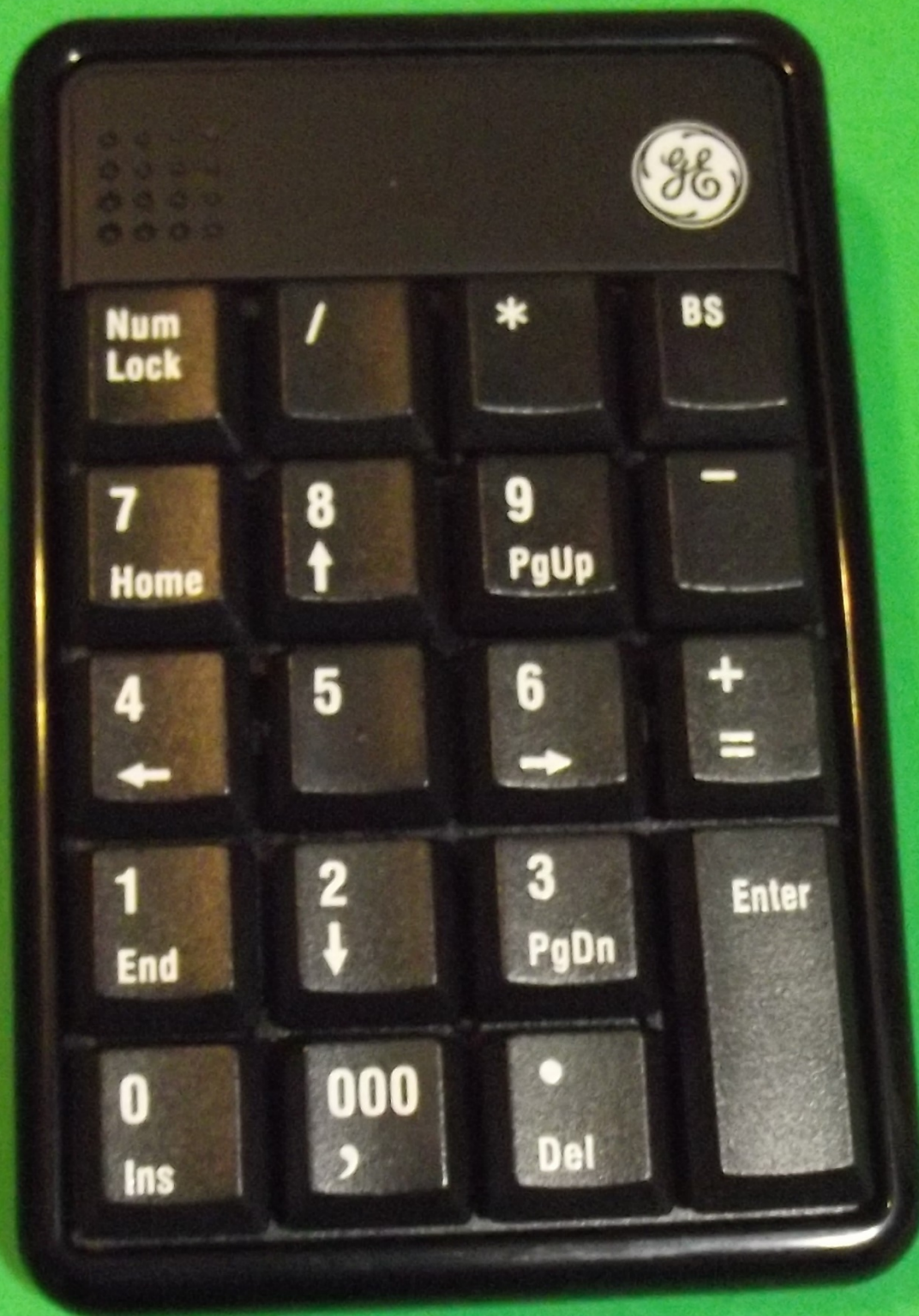
# PowerLink® 4 with Beamer

Ablenet Product #: 10010702

- How-to-use video available on Ablenet web site.



# Remote Number Pad



# Remote Large Letter Keypad



# Remote Controlled Switch for Battery Powered Toys - Beemer and Receiver -

Ablenet Product #: 10010702





# Jelly Beamer Twist Transmitter & Original Receiver



# Jelly Beamer Twist Transmitter & Switch Latch and Timer (SLAT) Receiver



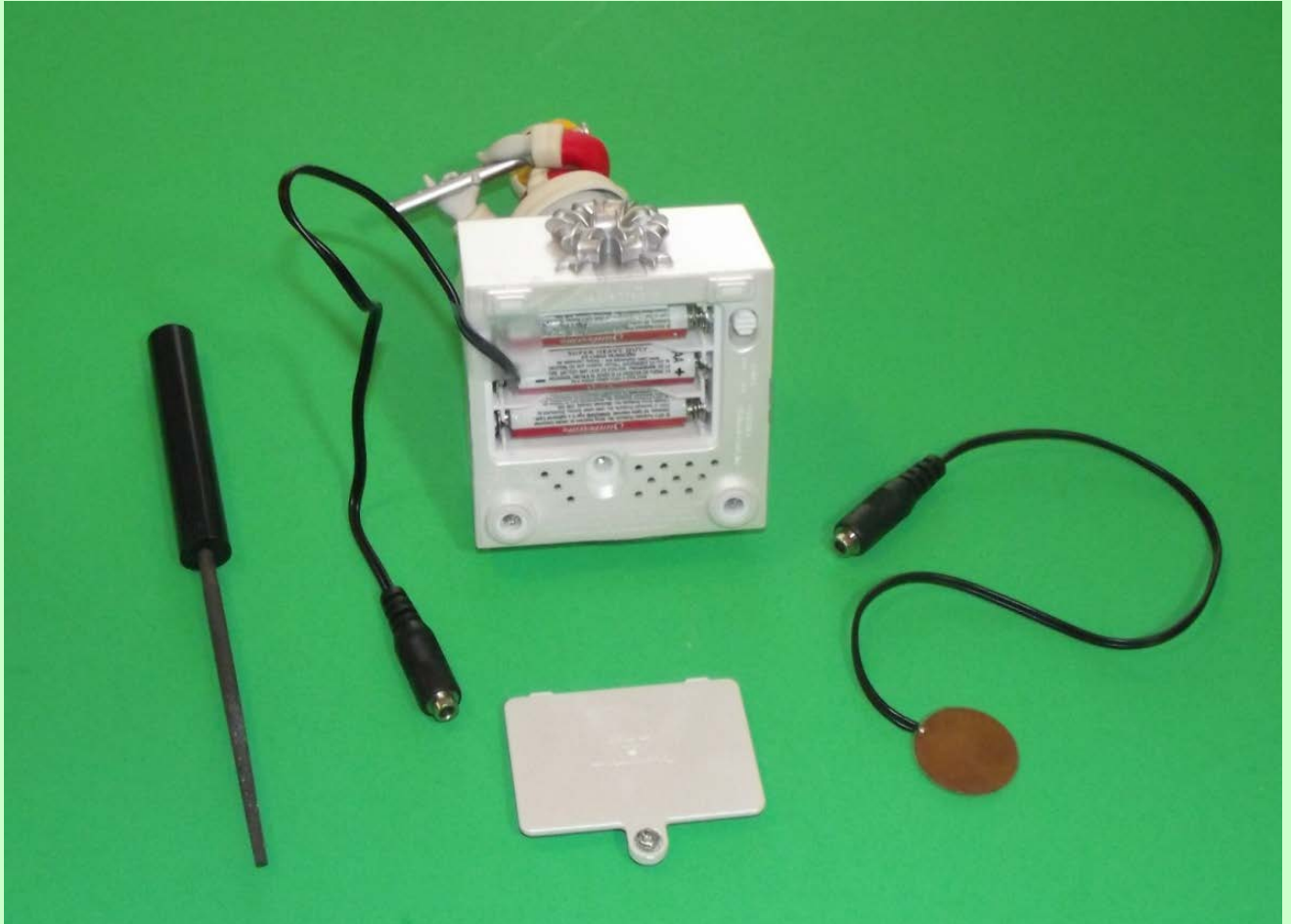
# Self modified Battery Operated Toy

Can be turned into a remote operated toy.





# Battery Operated Figure plus Interrupter and Notching Tool



# Battery Device Adapter AA

Ablenet Product # 100BDAAA



# Adapted Toy

Ablenet Product #: 30050311





# Remote Controlled Toy Problems

## Missing & Corroded Batteries





# Troubleshooting



# Things to Consider when choosing Remote Toys & Devices

- Cost
- Durability
- Ease of controls
- Size of buttons
- Power source



# Sample Documentation Form

## Occupational Therapy Technology Form

Student: \_\_\_\_\_

Activity	Date	Date	Date	Date	Date	Date	Date	Date

Independent (I)

Verbal Prompt (VP)

Physical Assist (PA)

Model (M)

# Fun Activities using Remote Switch Technology

- Questions:

# References

1. [www.ablenet.com](http://www.ablenet.com)
2. [www.Hallmark.com](http://www.Hallmark.com)
3. [www.ebay.com](http://www.ebay.com)
4. [www.toysrus.com](http://www.toysrus.com)