

Communication: Back to the Basics

January 31, 2020
4:30 PM – 5:30 PM
Curacao 2

Session Code AAC-27

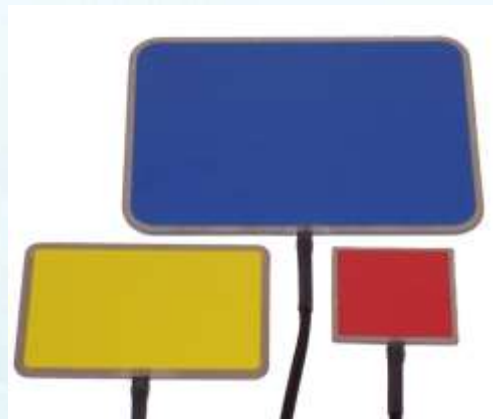
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Most Recognized Switch



Pal Pads

- Can be plugged into ANY communication aid or battery-operated assistive device
- Only need 1.2 ounces of force to activate
- 3 sizes
- Easily attach objects and textures
- Great for activities
 - Adapting books
 - Attaching to cases

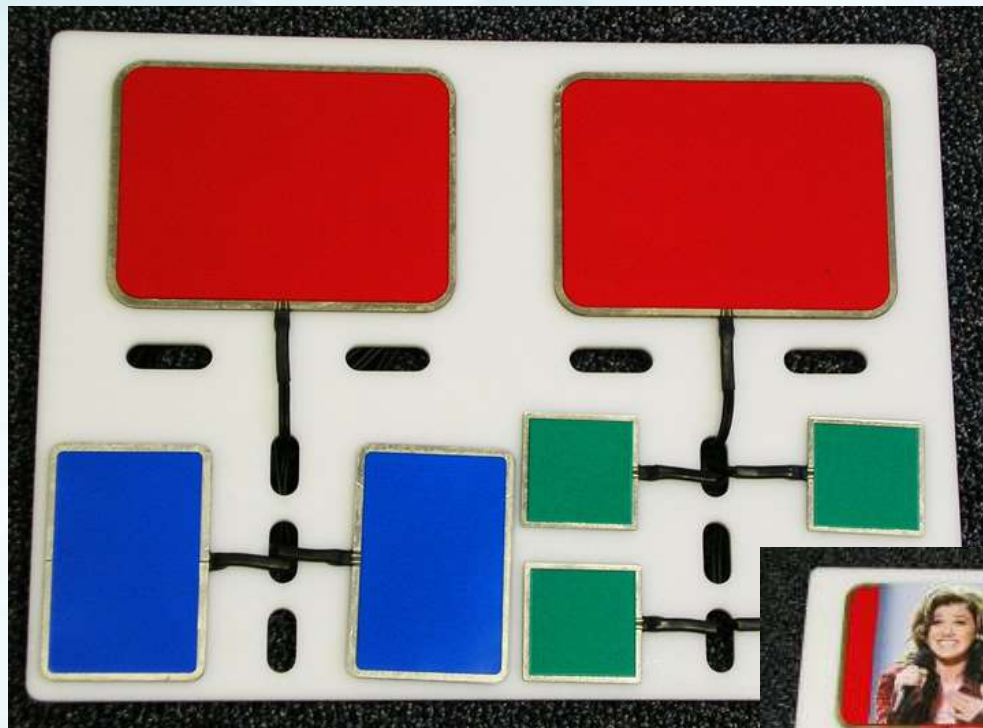


Pal Pads

Glow-in-the-Dark

- Can be used just like an ordinary Pal Pad or in darkness.
- Only need 1.2 ounces of force to activate.
- 2 sizes (Large, Small)
- Recharge for 5-10 minutes under incandescent or fluorescent light.
- Charge lasts 15-45 minutes.







Pneumatic Switch

- Activates with a puff of air
- Great way to make an object-based switch
- Can use squeeze toys, balls or bottles







Flexible Switch

- Flat switch
- Adhesive-backed
- Pressure switch
- Works great in wheelchair headrests
- Flexible to the diameter of a coffee cup







SwitchBoard

- Six switches in one confined area
- Each activation area is 4" x 5"
- 2 ounces of pressure to activate
- Can be used with any device that has 1/8th-inch jacks





Six Pack

- Six switches in one confined area
- Each activation area approximately 2"x2"
- 1.2 ounces of pressure to activate
- Can be used with any device that has 1/8th inch jacks







Taction Pads

- Reusability
- Durability
- Sensitivity
- Can be cut!



- Taction Pad Adaptor →







Bright Box and Bright Box Tactile

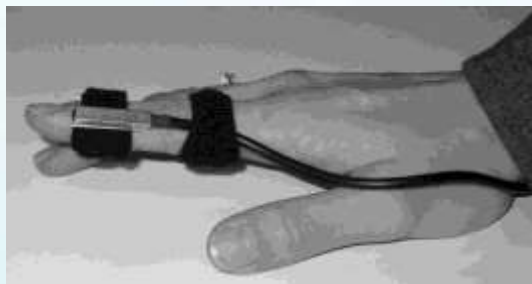


- Pressure switches
- Great for low vision or night time use
- Multiple function combinations
- Surface dimension approximately 4"x2"



Dipsy

- Tilt-sensitive switch
- Activated by a 30-degree tilt
- Can be used with any device that has a standard 1/8th-inch jack



Honey Bee

Proximity Switch

- Activated by placing hand, head or object over sensor window.
- Plugs into ANY communication aid, toy or computer switch interface.
- 3 ranges: 6", 3", 1", 0" (touch)
- Uses common battery (CR2032)
- Long battery life.
- 30" cord



LinkSwitch

- Is a duel switch/latch timer
- Multiple modes of operation
- Compatible with any standard switch







Why Lite Tech?



Breakdown of Communication

- **55% Visual**
 - Things we see like:
 - Gestures
 - Facial Expressions
 - Body Movement
 - Objects in the Environment
- **37% Vocal**
 - Vocal Intonation
 - Rate
 - Intensity or Volume
- **7% Verbal**
 - The actual words that are spoken

Hodgdon, L. A. (2011). Visual strategies for improving communication: Practical supports for Autism Spectrum Disorders. Troy, MI: Quirk Roberts Publishing.

Developmental Sequence of Visual Cues

- Real Objects
- Miniature Objects
- Partial Objects
- Real Photos
- Line Drawings (BoardMaker, Widgit, SymbolStix)
- BlissSymbolics
- Text

Objects





Single Message





Sequencing

The ability to pre-record a series of messages and control the order in which they are played back

RANDOMIZING

The ability to control the recorded vocabulary set but not the play-back order



Sequencing and Randomizing
should be used for
Expressive *and* Receptive
language activities!

Sequencer Features

- Single-message!
- 2 Independent Levels
- 90 seconds of record time per level
- External switch jack for access or to enhance visual cueing
- Relay/Toy jack
- External speaker jack
- Simple to record
- Auditory Cue (beeping)





The Golden Frog's color says "poison" to its predators.



yellow frog

Macaws are the most brightly colored of all birds. This one is called the
Humboldt Macaw.



blue bird



Hot Chocolate Recipe

Ingredients:



Directions:

1. Wash your hands.
2. Open packet of cocoa.
3. Pour packet in mug.
4. Pour water in mug.
5. Put mug in microwave.
6. Choose cooking time (about 1 minute).
7. Start microwave.
8. Carefully remove mug.
9. Stir until smooth.
10. Drink and clean up.



Randomizer Features

- 2 Independent Levels
 - Single-message mode
 - Jumble mode
 - Eliminator mode
- 90 seconds of record time per level
- External switch jack for access or to enhance visual cueing
- Relay/Toy jack
- External speaker jack
- Simple to record







Medley Features

- Sequencing & Randomizing
 - Accessed through external switch (plug in and go!)
- On-board keypad
- 8 external switch jacks
- 90 seconds of record time
- Visual cues via overlay
- Automatic message playback after recording
- Simple to record (record in any order)







VoicePal Levels Features

- Sequencing & Randomizing
 - Accessed through external switch (plug in and go!)
 - One or two-button
- On-board keypad
- 2, 3, 5 or 10 messages
- 10 external switch jacks
- 4 Levels
- 17.5 minutes of record time
- Visual cues via overlay and lights
- Automatic message playback after recording
- Simple to record (record in any order)
- Scanning







Resources

- Adapt This...
- Workshop Kits
- Trial Program
- www.adaptivation.com
 - Idea Album

Thank You For Attending AAC-27

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- ASHA and ACVREP forms must be submitted before departing the conference. AOTA and IACET forms may be submitted online.

- **Handouts**

- [Handouts shared by the speakers are available](http://www.adaptivation.com) for 3 months after the conference ends (www.adaptivation.com)