Communication Board Installation Suggestions

The Resources at Lakeshore Speech, LLC durable communication boards are made from an aluminum alloy which makes them extremely lightweight. This material holds up in all weather conditions.

When installing a communication board, it is important to remember the height of the individuals who will be using the board. It is recommended that the top of the board be no more than 36" above the ground.

Installing the board can be extremely easy given the weight of the material. Below are a few examples of how easily the boards can be installed. Resources at Lakeshore Speech, LLC does not provide any installation instructions as it is up to the individual to deem what is best for each situation. All items pictured below were purchased at a local hardware store. Drilling this material was easily accomplished with a basic electric drill and bit.

Communication Boards at recommended height
[top of board no more then 36" from the ground]







Bolted to playground structure



Nut, Bolt and Metal Plate



Front view Side view
Back view

Heavy Duty Zip Tie





Free Standing Frame



Playground Panel



Portable Frame

WARNING! SELLER ADVISES, TO AVOID BODILY INJURY OR DAMAGE TO PROPERTY, THAT THE PURCHASER SECURELY INSTALL THIS PRODUCT SO THAT IT WILL NOT BECOME DETACHED OR FALL. IF THE PRODUCT IS BEING INSTALLED OUTDOORS, ADDITIONAL CARE SHOULD BE TAKEN TO ASSURE THE PRODUCT IS SECURED IN A MANNER THAT IT WILL WITHSTAND HEAVY WIND AND THE ELEMENTS. NOTWITHSTANDING ANYTHING HEREIN TO THE CONTRARY, SELLER DISCLAIMS AND SHALL NOT BE RESPONSIBLE FOR ANY AND ALL PERSONAL INJURIES OR PROPERTY DAMAGES RESULTING FROM THE INSTALLATION OF THIS PRODUCT. PURCHASER, BY PURCHASING AND ACCEPTING THIS PRODUCT, ACCEPTS ALL RESPONSIBILITY FOR THE SAFE INSTALLATION OF THIS PRODUCT AND HEREBY INDEMNIFIES AND HOLDS THE SELLER HARMLESS FROM ANY AND ALL PERSONAL INJURIES AND PROPERTY DAMAGES THAT MAY OCCUR AS A RESULT OF THE IMPROPER OR INADEQUATE INSTALLATION OF THIS PRODUCT.

Communication Board Installation Suggestions

Durability&WeatherResistance EngineeringSpecifications
Regulatory Compliance & Statutory Sources

Mounting heights and physical space parameters :

- Conform to federal regulations issued under the 2010 ADA Standards for Accessible Design
  - ADA Section 308 (Reach Ranges):Section 308.2.1; Advisory 308.1 & Section 305

Target User / Setting	Recommended Mounting Height (Ground to Center)	ADA Clear Ground Space Required
Elementary Playgrounds	36 in – 42 in (91 cm – 107 cm)	30 in x 48 in (76 cm x 122 cm)
Wheelchair Accessible	38 in – 48 in (96 cm – 122 cm)	30 in x 48 in (76 cm x 122 cm)
Universal Civic Standard	42 in – 44 in Centerline	30 in x 48 in (76 cm x 122 cm)

Durability & Weather Resistance :

Substrate Material	UV & Weather Rating	Vandal & Impact Resistance	Product(s)
Aluminum Composite (ACM)	7–10 Years Direct Sunlight	High (Rigid / Dent Resistant)	Outdoor Communicaiton Boards (Playground, Pool, Therapeutic Riding, Clinic)
Fluted Polypropylene (Coroplast)	1–2 Years	Temporary Moderate (Bends / Punctures)	Indoor Communication Boards (Emotional Balance Boards, Clinic)

Size and Placement:

- **Visibility:** The board should be large enough (typically at least 3 feet by 2 feet) so that it can be seen from the main play structures.
- **The "Path of Travel"**: Under the Americans with Disabilities Act (ADA), any "interactive element" in a park must be accessible via a firm, stable path. This means the board should be placed next to a sidewalk or on poured-in-place rubber surfacing not in the middle of a deep wood-chip pit.

Installation Concept Considerations - Consulting with Facility Building and Grounds Professionals is Highly Recommended:

- **Freestanding Boards**: Opting for a freestanding board set inside a ground-mounted aluminum or steel frame offers the highest level of flexibility. It allows you to control the exact location, orientation, and height without relying on existing structures.
- **Fence-Mounted Boards:** If your playground is tightly enclosed, utilizing a secure fence-mounted setup can save valuable square footage while keeping the board at eye level. **Equipment-**
- **Mounted Boards:** Integrating the board directly into an existing play tower or sensory wall keeps the communication system embedded right in the middle of the action.

Resources for Installation Considerations:

- Easy Communication Board Installation Guide
- Where to Buy Outdoor Communication Boards
- Why Static Communication Boards are Ideal for Playgrounds

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