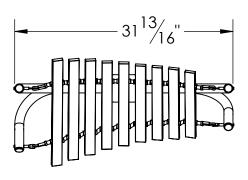
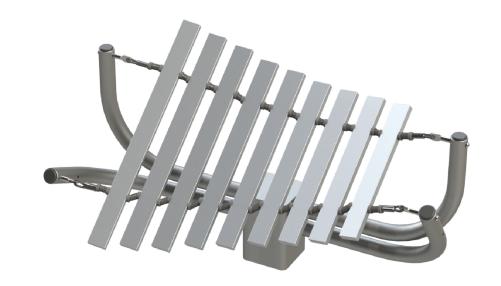


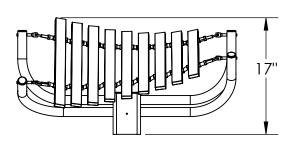


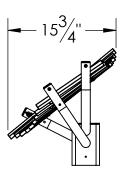
# Features:

- Steel Powder Coated Frame
- Anodized Aluminum Bars
- Stainless Steel Hardware









#### **MOUNTING OPTION IDENTIFICATION:**

This instrument is offered with various mounting options. Identify your option below and follow installation instructions on the following sheets.

### Recycled Post In-Ground Sheet 4 of 5



#### Parts List:

- ☐ Instrument Assembly (1)
- □ Recycled Post In-Ground (1)
- ☐ 2" Tamper-Resistant Screw (5)
- □ Security Driver (1)

#### Weights:

Boxed Instrument Weight, 44 lbs. Boxed Post Weight, 28 lbs.

### Steel Post In-Ground Sheet 4 of 5



#### Parts List:

□ Instrument / Steel Post In-Ground Assembly (1)

#### Weights:

Boxed Instrument / Post Weight, 80 lbs.

#### Recycled Post Surface Mount Sheet 5 of 5



#### Parts List:

- ☐ Instrument Assembly (1)
- ☐ Recycled Post Surface Mount (1)
- □ 2" Tamper-Resistant Screw (5)
- ☐ Security Driver (1)
- $\square$   $\emptyset$ 3/8" x 5" Anchor Bolt (4)
- ☐ Plastic Anchor Cap (4)

#### Weights:

Boxed Instrument Weight, 44 lbs. Boxed Post Weight, 28 lbs.

### Steel Post Surface Mount Sheet 5 of 5



#### **Parts List:**

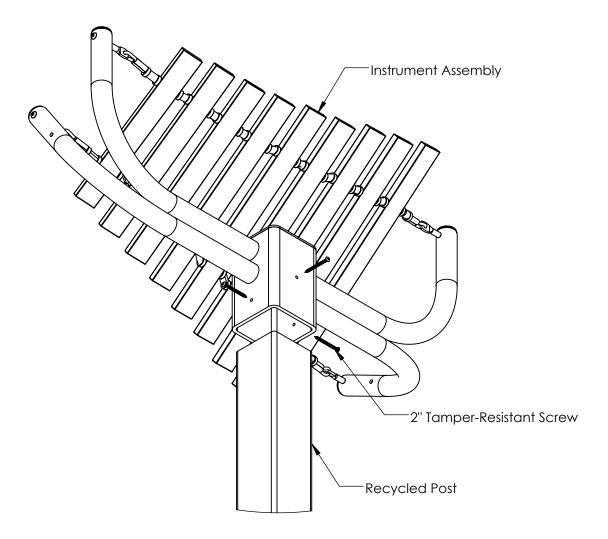
- ☐ Instrument / Steel Post Surface Mount Assembly (1)
- $\square \emptyset 3/8" \times 3 3/4"$  Anchor Bolt (4)
- ☐ Plastic Anchor Cap (4)

# Weights:

Boxed Instrument / Post Weight, 79 lbs.

### **INSTRUMENT TO POST INSTALLATION PROCEDURES**

- **Step 1:** The Steel Post options do not require assembling the instrument to the post, as the post and instrument are one unit. If mounting to a recycled post, follow the instructions below.
- **Step 2:** With two people, situate the instrument onto the post. Predrill 5/32" pilot holes into the posts through the existing holes on the instrument. Fasten the instrument to the post with the provided 2" tamper-resistant screws and security driver.

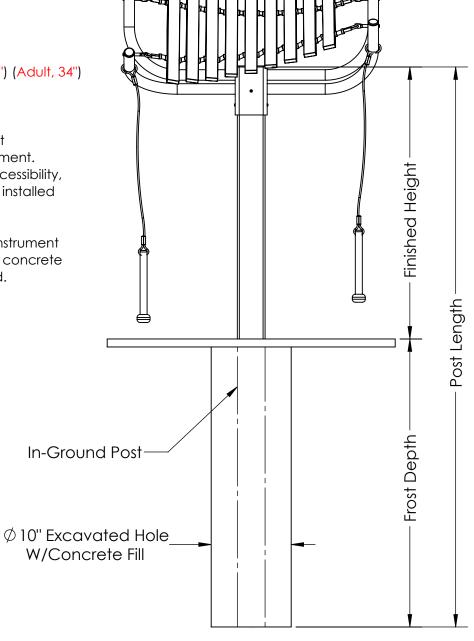


#### RECYCLED AND STEEL POST IN-GROUND INSTALLATION PROCEDURES

**Step 1:** Excavate one 10" diameter hole, 36" deep at the installation location. Contractor can modify post to desired height.

Post Length = Frost Depth (36" Recommended) + Finished Height Finished Height Guideline: (Ages 3-5, 20") (Ages 5-7, 25") (Ages 7-11, 30") (Adult, 34")

- **Step 2:** Lower the post into the excavated hole.
- **Step 3:** Verify the correct placement, levelness, plumbness, and finished height of the instrument. Also check for sufficient clearance around the instrument. A 36" radius is recommended around the instrument for wheelchair accessibility, however this is not required for instrument function. Instrument may be installed next to a wall or in a variety of different configurations.
- **Step 4:** Last pour concrete around the post. It is recommended to brace the instrument to hold it rigid while the concrete cures. Leave to set according to the concrete manufacturers guidelines. Approximately (2) 80lb. bags will be needed.



# RECYCLED AND STEEL POST SURFACE MOUNT INSTALLATION PROCEDURES

- Step 1: Standard height for Surface Mount Posts is 34". Steel Post height can not be adjusted. The Recycled Posts may be modified in the field to the following heights: (Ages 3-5, 20") (Ages 5-7, 25") (Ages 7-11, 30") (Adult, 34")
- **Step 2:** Determine installation location. Verify concrete footing is a minimum of 6" thick. If the concrete pad is at an angle, steel washers are required to act as shims. (Shims not provided)
- **Step 3:** Stand the surface mount post upright onto the concrete pad. Mark the center of the holes on the surface mount plate. After you have made your marks, set aside the post in order to drill for anchor holes. With a hammer or rotary drill, drill through concrete at marked locations. Drill to a minimum depth of 4". A 3/8" masonry drill bit will be needed.
- **Step 4:** Place the surface mounted post back over the drilled out holes. Insert provided anchor bolts into aligned holes. Position anchor nut so that it is flush with the top of the bolt. Pound anchor bolts into the hole until the anchor washer is flush with the post base. Tighten anchor bolts until they are snug. Cover remaining bolt sections with provided plastic caps.
- **Step 5:** Verify the correct placement, levelness, plumbness, and finished height of the instrument. Also check for sufficient clearance around the instrument. A 36" radius is recommended around the instrument for wheelchair accessibility, however this is not required for instrument function. Instrument may be installed next to a wall or in a variety of different configurations.

