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INSTRUMENT INFO

Notes: 3 Distinct Tones Varying by Size

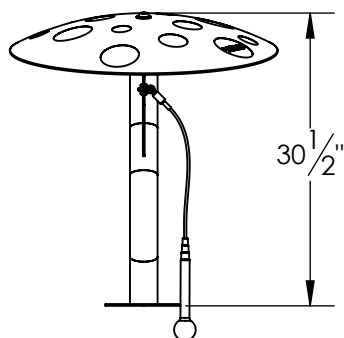
Head: Anodized Aluminum

Post: Powder Coated Steel

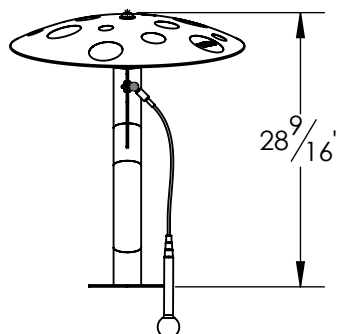
Mallet: Hybrid Head 50 Durometer; 16" Cable



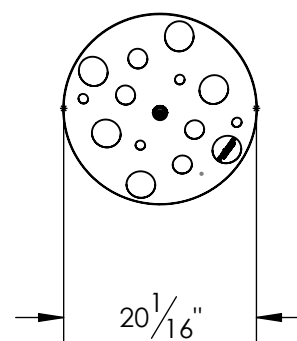
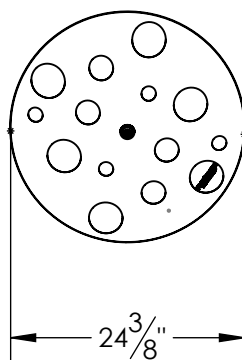
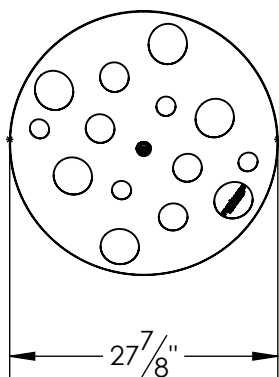
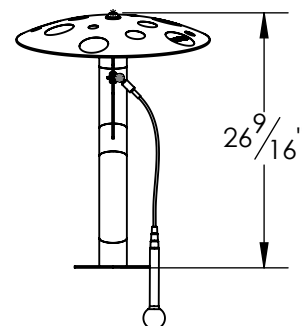
LARGE



MEDIUM



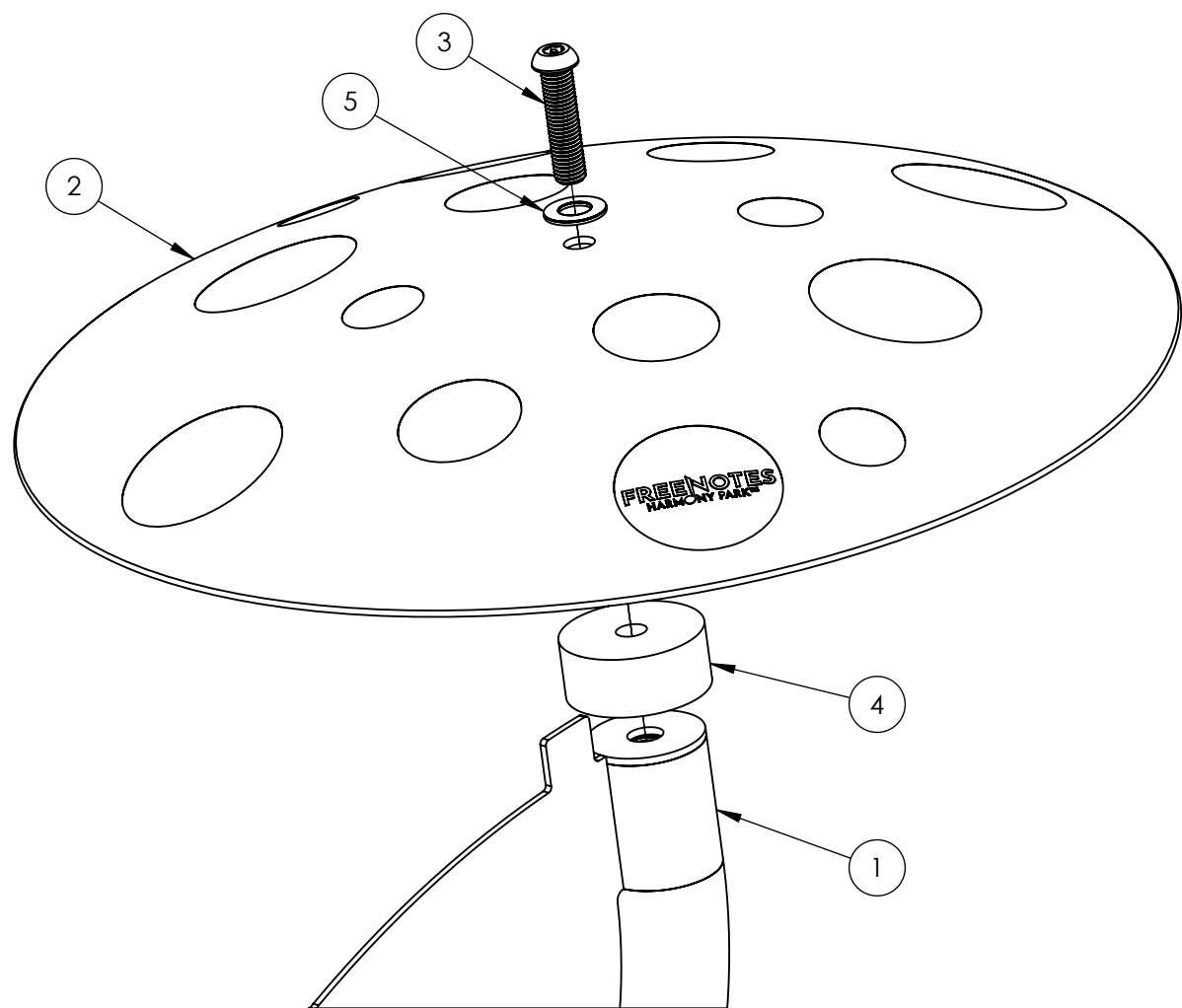
SMALL



Mushrooms are offered in 3 sizes, each with a unique head and post, however installation is identical. The following hardware is common to all mounting schemes.

PART NUMBER	DESCRIPTION	LARGE	MEDIUM	SMALL
MUSH-POST-3-FP	Mushroom - Steel Post 3 (Powder-coated)	1	-	-
MUSH-HEAD-3	Mushroom - Aluminum 28" Head 3 (Red)	1	-	-
MUSH-POST-2-FP	Mushroom - Steel Post 2 (Powder-coated)	-	1	-
MUSH-HEAD-2	Mushroom - Aluminum 24" Head 2 (Red)	-	1	-
MUSH-POST-1-FP	Mushroom - Steel Post 1 (Powder-coated)	-	-	1
MUSH-HEAD-1	Mushroom - Aluminum 20" Head 1 (Red)	-	-	1
8637K35	ø3/4" ID x ø3.5" OD, 1.5"lg. Neoprene Tubing	1	1	1
310.300HBSSC	3/4"-10 Button Head Screw, 3"lg. SS, Hex-Pin tamp	1	1	1
94709A531	ø.81" ID x ø1.5" OD, SS Sealing Washer Neoprene	1	1	1
3/8.3125B	Hex-Pin Driver (Tamper Resistant)	1	1	1
209728-12	Loctite Threadlocker, 0.2oz, Blue 242	1	1	1

- Step 1:** Place the Neoprene Tubing section onto the top of the Post, aligning the center hole with the threads on the Post. Next place the Aluminum Head on top of the Neoprene Tubing and then the Neoprene Sealing Washer, aligning all the holes.
- Step 2:** Apply two drops of Loctite to the end of the threads on each 3/4"-10 Button Head Screw.
- Step 3:** Secure the head by threading the Button Head Screw through the aligned holes into the Post with the provided Driver. Drive slowly to prevent stripping the screw or threaded hole. Fasten down until the Mushroom Head can not be rotated or can only be rotated with an excessive amount of force.



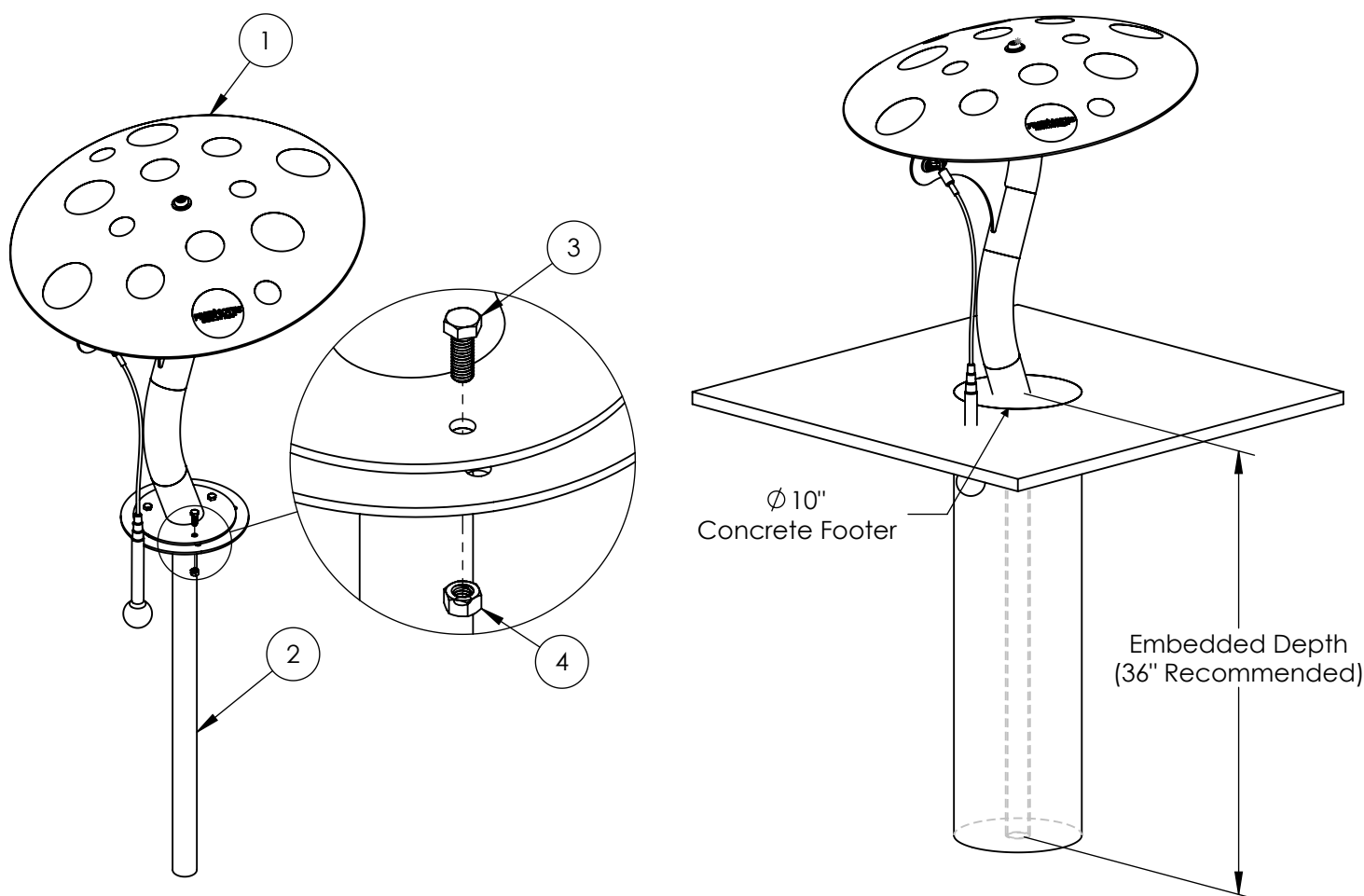
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MUSH-POST	Mushroom - Steel Post (Powder-coated)	1
2	MUSH-HEAD	Mushroom - Aluminum Head (Red)	1
3	310.300HBSSC	3/4"-10 Button Head Screw, 3"lg. SS, Hex-Pin tamp	1
4	8637K35	ø3/4" ID x ø3.5" OD, 1.5"lg. Neoprene Tubing	1
5	94709A531	ø.81" ID x ø1.5" OD, SS Sealing Washer Neoprene	1
6	209728-12	Loctite Heavy Duty Threadlocker, 0.2oz, Blue 242	1
7	3/8.3125B	Hex-Pin Driver (Tamper Resistant)	1

Step 1: Attach the Instrument Pre-Assembly to the In Ground Post Extension by aligning the holes on each component and fastening them together with the (3) 3/8" Hex Head Screws with Loctite applied and the (3) 3/8"-16 Hex Nuts.

Step 2: Determine the desired installation location. Check for sufficient clearance around the instrument. a 36" perimeter from the edges of the instrument is recommended for wheelchair accessibility. Excavate one 10" diameter hole, 36" deep, at the installation location. Be sure to account for surfacing thickness if it is to be used.

For installations targeting compliance with ASTM F1487: Note that baseplate mounting hardware must be covered by surfacing in order to maintain ASTM compliance.

Step 3: With two people, lower Instrument with Post Extension attached into the excavated hole. Verify correct orientation and levelness of the Instrument. Pour concrete around the Post Extension. If necessary, brace the Instrument to hold it rigid while the concrete cures. Leave to set according to the concrete manufacturers guidelines. Approximately (3) 80lb. bags will be needed.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MUSH-BOM	Pre-Assembly - Mushroom Instrument	1
2	POST-STL-IG-EXT-FP	In Ground Steel Post Extension (Powder-coated)	1
3	92240A624	3/8"-16 Hex Head Screw, 1"lg. SS	3
4	HWN0095	3/8"-16 Hex Nut, SS	3

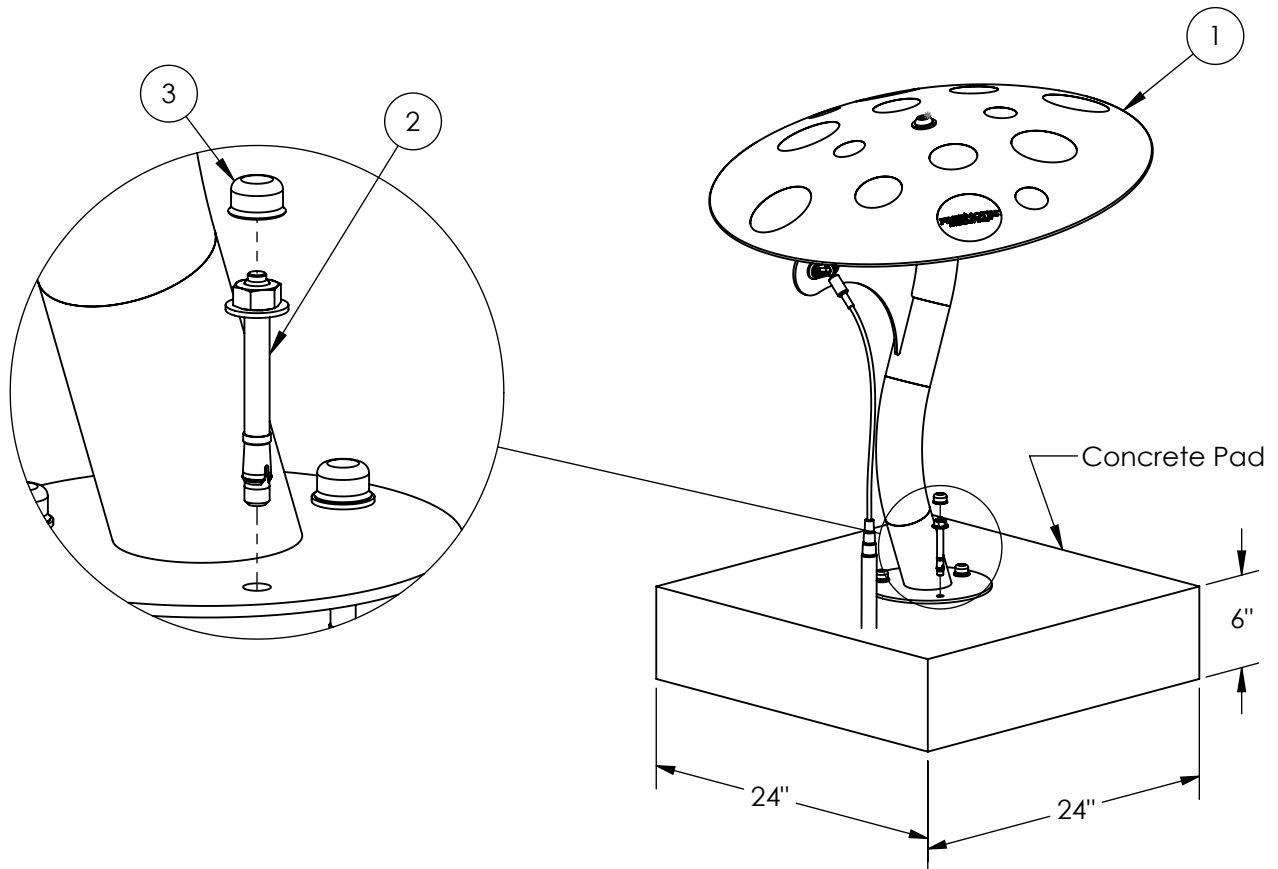
Step 1: Determine the desired installation location. Check for sufficient clearance around the instrument. a 36" perimeter from the edges of the instrument is recommended for wheelchair accessibility. A concrete pad measuring a minimum of 24" x 24" x 6" thick is required. If a new pad is being poured, approximately (4) 80lb. bags will be needed. Allow concrete to cure per concrete manufacturers guidelines.

For installations targeting compliance with ASTM F1487: Note that baseplate mounting hardware must be covered by surfacing in order to maintain ASTM compliance.

Step 2: With two people place the Instrument Assembly onto the concrete pad and mark the center of the holes on the surface mount base. After you have made your marks, set aside the Instrument 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 3: Align the Instrument over the drilled holes. Insert provided anchor bolts and 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 surface mount base. Tighten anchor bolts until they are snug. Cover remaining bolt sections with provided nut caps.

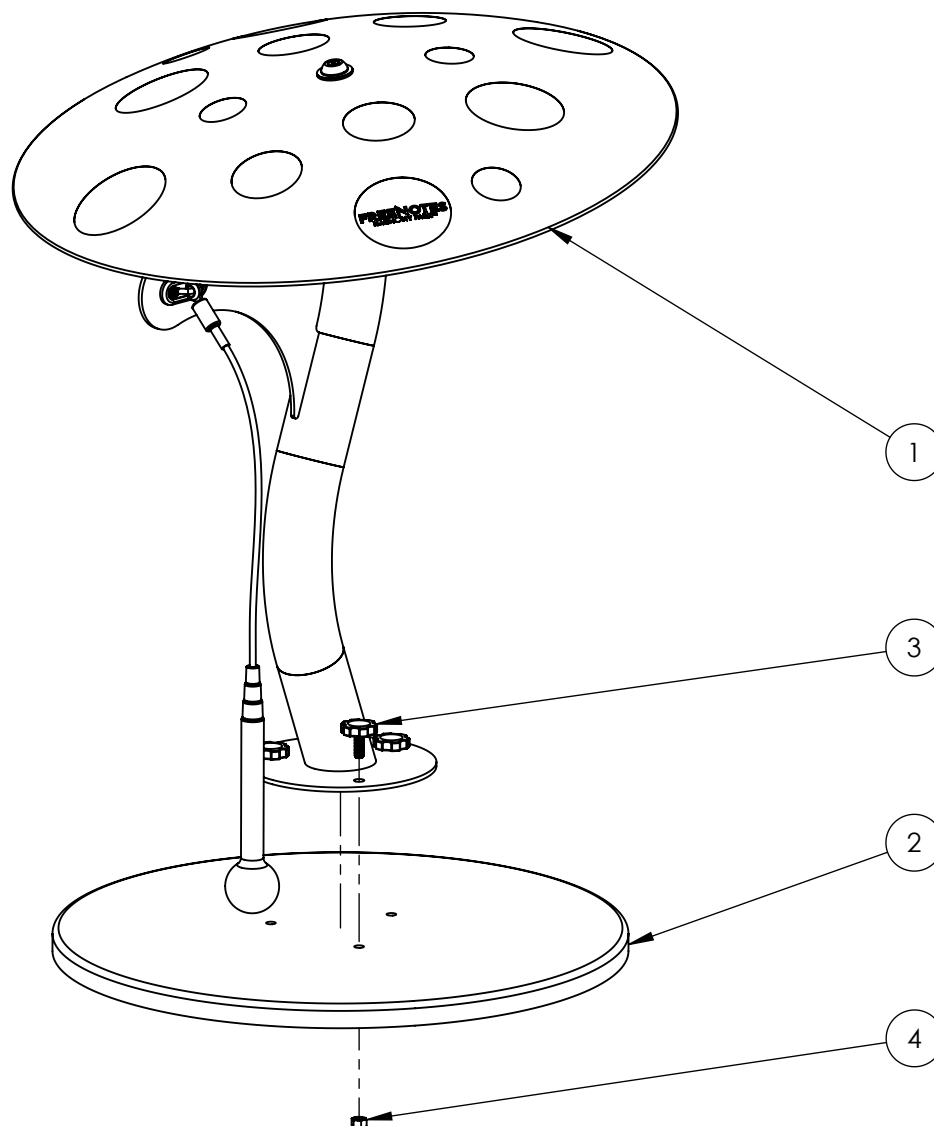
If installing onto wet concrete, us the wet set anchor manufacturers guidelines for installation procedures.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MUSH-BOM	Pre-Assembly - Mushroom Instrument	1
2	POW 07315	3/8"-16 Wedge Expansion Anchor, 3.75"lg. SS	3
3	9267K43	35/64" Hex Nut Cap	3

Step 1: Situate the Instrument Assembly onto the Portable Stand and align the holes in the baseplate.

Step 2: Secure the Instrument to the Portable Stand with the provided 3/8"-16 Thumb Screws, tightening until snug. The 3/8"-16 Hex Nuts come pressed into the Portable Stand from the Factory. Thumb Screws should be checked periodically and re-tightened as they can loosen during play.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MUSH-BOM	Pre-Assembly - Mushroom Instrument	1
2	MUSH-PM-PS	Mushroom - HDPE Portable Stand (1" Black)	1
3	91185A867	3/8"-16 Thumb Screw, 1"lg. SS	3
4	HWN0095	3/8"-16 Hex Nut, SS	3