

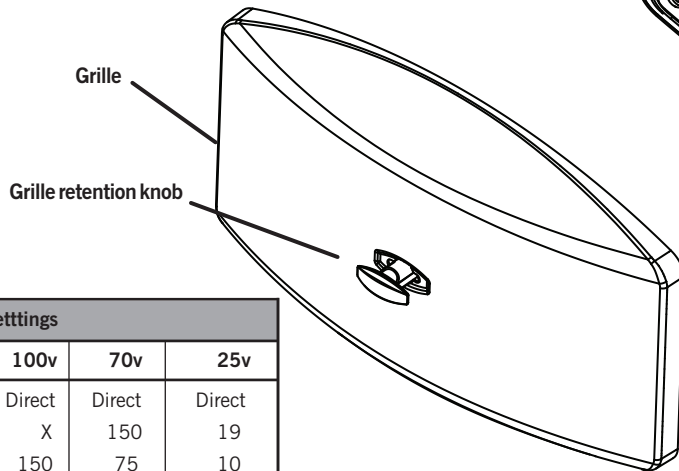
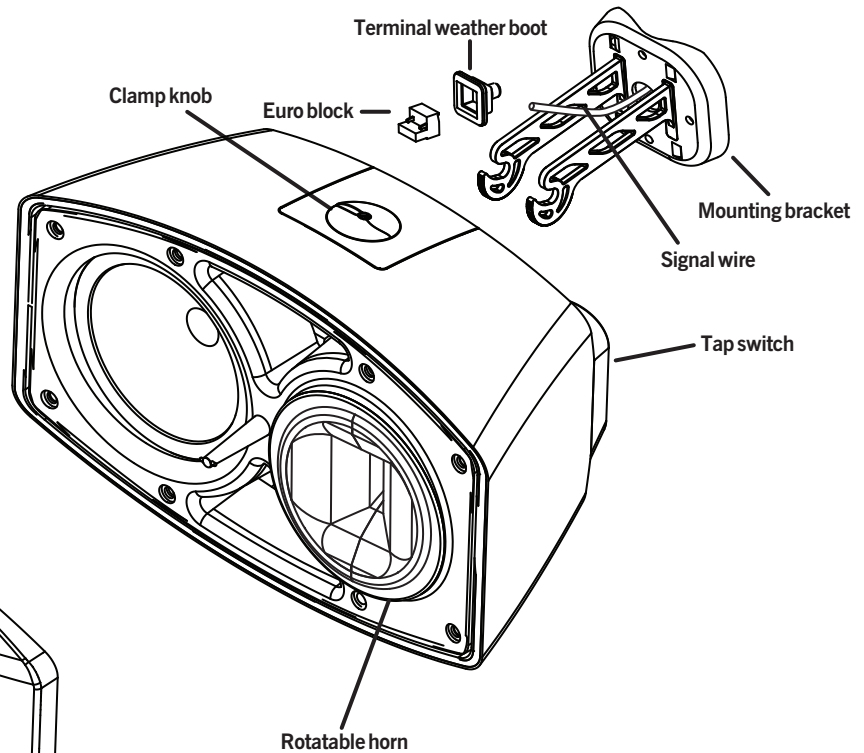


**SM890i** | Install Instructions For:  
SM890i

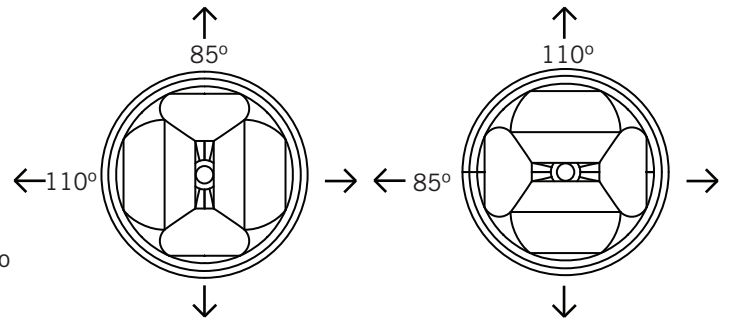
1.435.647.9555 | 800.647.TUBE | www.soundtube.com

**Box contents**

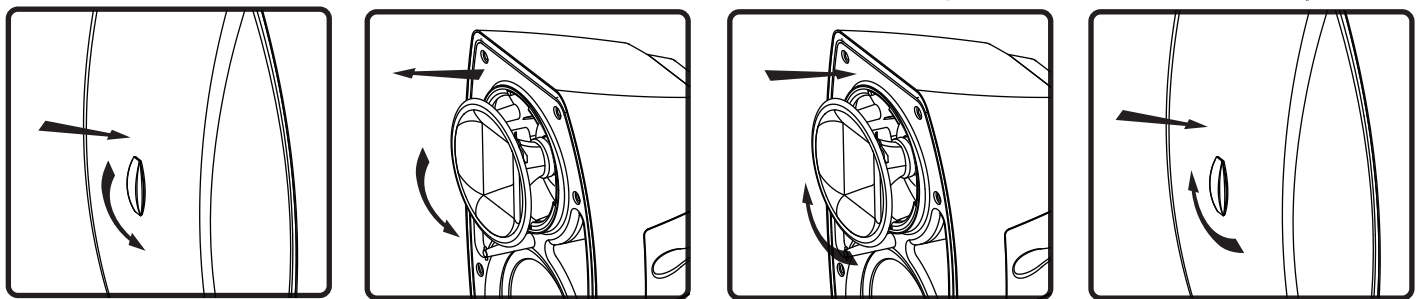
- 1 Speaker
- 1 Terminal weather boot
- 1 Mounting bracket
- 1 Safety cable
- 1 Euroblock connector
- 1 5 mm Allen hex key
- 1 Paint mask



Tap Settings			
	100v	70v	25v
6	Direct	Direct	Direct
5	X	150	19
4	150	75	10
3	75	38	5
2	38	19	2.5
1	19	10	1.3



**The SM890i has a rotatable horn for 85° or 110° coverage.**  
Speaker ships in the 110° vertical (85° horizontal) position. To change to 85° vertical (110° horizontal), follow these directions:



**1.** To remove the grille, rotate the grille retention knob counter-clockwise while gently pushing down on the grille. Remove the grille from the speaker by pulling gently on the grille retention knob.

**2.** To release the horn, insert hand into horn throat and twist horn assembly counter-clockwise.

**3.** To replace horn assembly, insert horn 1/8 turn from final position and rotate clockwise to tighten. Horn is fully engaged when horn baffle throat is aligned with speaker.

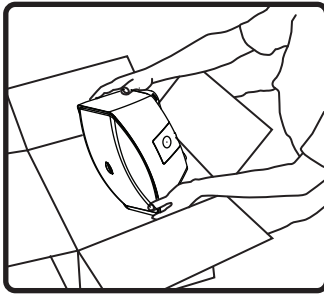
**4.** Attach grille by pressing down **gently** and rotating the retention knob clockwise to vertical position. Grille retention knob will snap into the matching recess in the grille when fully engaged.

**Warning**

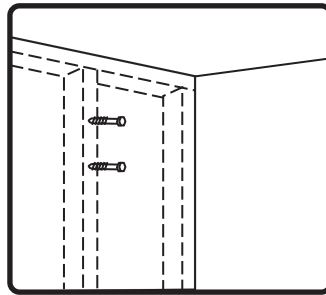
SoundTube speakers must be installed by a professional audio installer/contractor. For safety and for optimum audio performance, installer must follow all directions issued by SoundTube Entertainment.

**Warning**

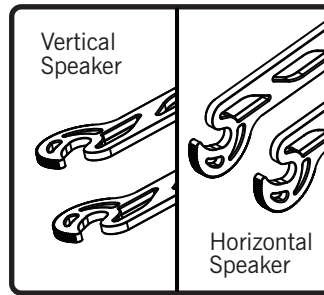
Do not spec or install speaker near support beam, ventilation duct or other structure that may interfere with speaker function or dispersion.



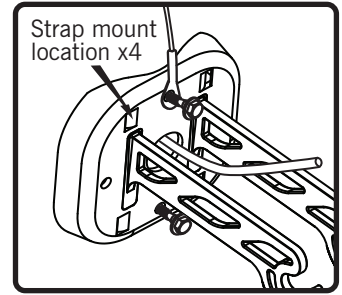
**1.** Unpack speaker and mounting hardware.



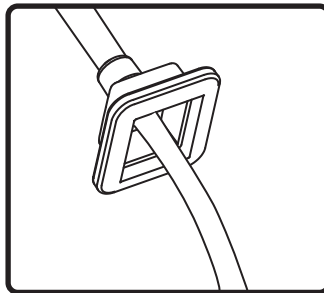
**2.** Choose a secure mounting surface with sufficient strength to reliably hold the speaker. Mounting bracket accommodates screwing, through-bolting and strapping installation options.



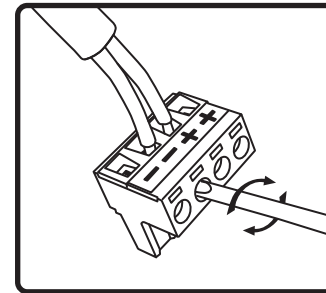
**3.** For proper bracket and plate orientation, pay special attention to the prongs on the bracket arm and ensure that they point toward the direction of the desired speaker position.



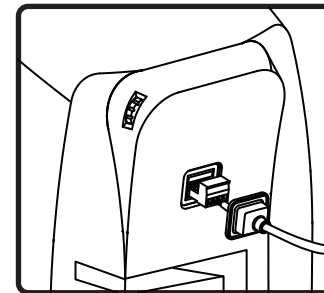
**4.** Thread safety cable (included) through mounting screw and securely fasten mounting plate to surface (user must supply fasteners). Mounting bracket may also be strap-mounted to pole or appropriate anchor point. **The max. strap width is 0.5 in / 12.7 mm.**



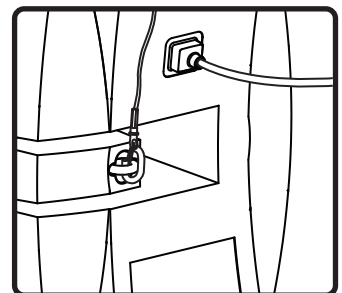
**5.** Slip terminal weather boot over signal wire. For environmental applications, put sealant around nipple and base when installation is complete.



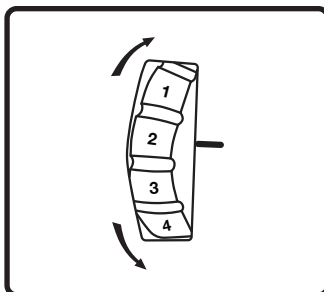
**6.** Connect signal wire to four-pin Euroblock plug. Use inside positive and negative inputs for signal wire input. For daisy chaining, use outside positive and negative terminals to connect additional speakers. Tighten unused terminal screws.



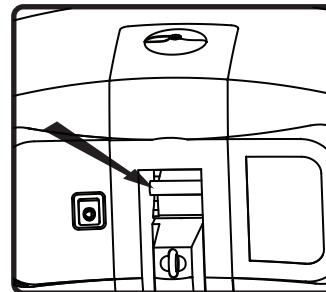
**7.** Insert four-pin Euroblock connector into jack on rear of speaker. Connectors are keyed for polarity.



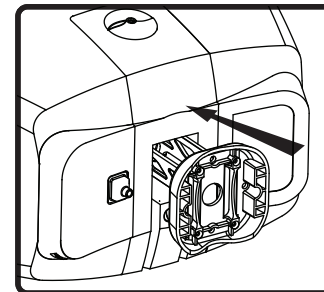
**8.** Clip snap-link safety cable to yeobolt on back of cabinet.



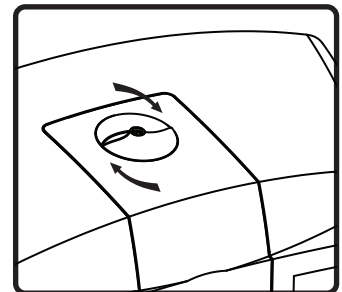
**9.** Select the desired setting on the rear-mounted tap switch. Use table on page 1 to choose appropriate tap number based on system voltage, and desired power draw.



**10a.** When mounting the speaker, ensure that the mounting rod in the speaker securely engages with the mounting prongs on the bracket arm.



**10b.** When properly inserted, bracket arm prongs will be fully engaged with the mounting rod in the speaker cabinet.



**11.** Position speaker at the desired angle and secure with the clamp knob. As a security feature, an included 5 mm Allen hex key is required for loosening the clamp knob and readjusting the speaker position angle.

**12.** Done!