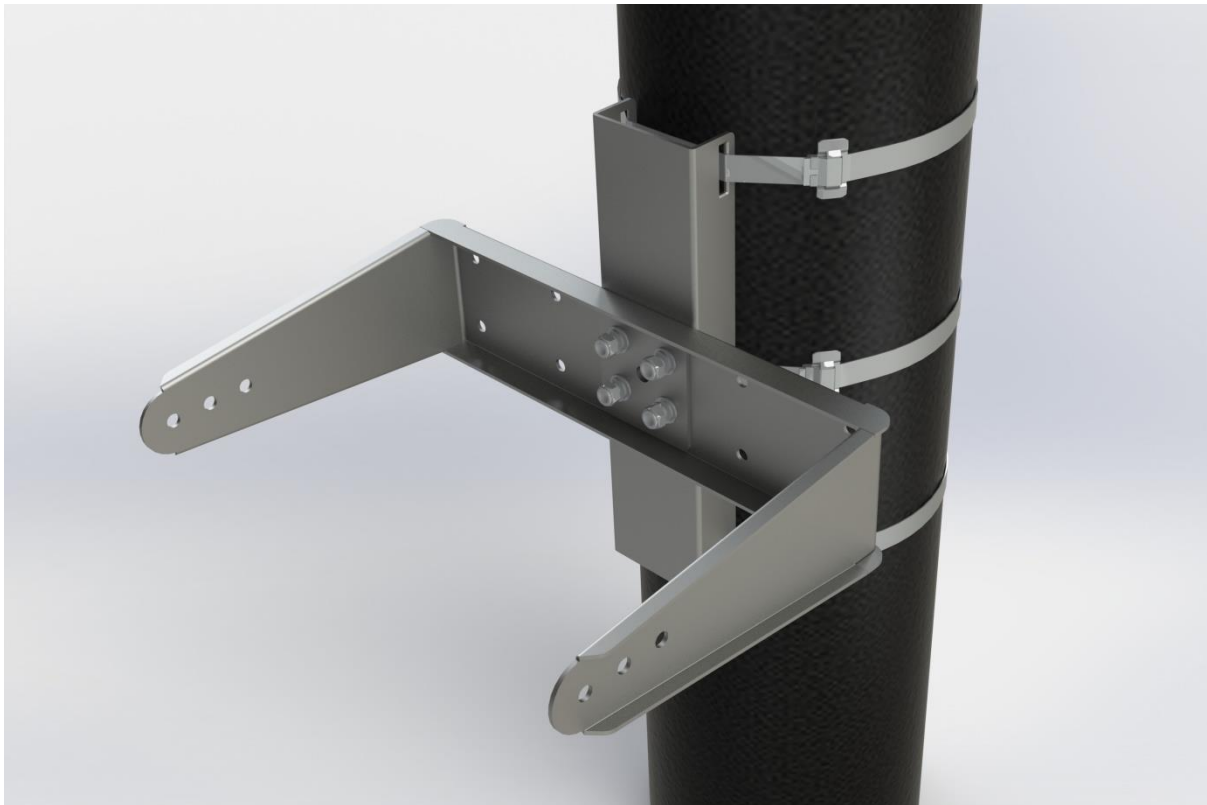


SW-PM POLE MOUNT BRACKET

INSTALLATION GUIDE V1.00
JULY 2017



The P.Audio SW-PM pole mount system is an easy to install and flexible system designed to allow the P.Audio SW series of enclosures to be mounted to pole structures. The only approved products for use with the SW-PM are the SW-6C, SW-8C, SW-12D and SW-12T.

NO OTHER LOUDSPEAKERS SHOULD BE SUBSTITUTED.

WARNINGS

The following actions **MUST** be performed **PRIOR** to beginning the installation of the SW-PM:

1. This installation guide must be completely read and understood.
2. The instruction manual "Rigging and Suspension of P.Audio Products" must be read and understood. This guide can be found at <http://www.paudiothailand.com/srs/assets/File/P-Audio-Rigging.pdf>
3. The structure of the mating surface **MUST** be capable of supporting the combined weight of the pan and tilt bracket, the loudspeaker, and all associated rigging and cabling; and must satisfy the required safety factors specified by local and national codes, as well as safe rigging practises.

4. The SW-PM pole mount bracket should be installed only by someone experienced in the overhead suspension of items. They should be familiar with applicable local/national codes governing the installation of these types of products and those governing the attachment of these types of products to specific pole structures.
5. Heed all warnings.
6. As a backup to the main mount, we highly recommend the use of another SW-PM above the suspended enclosure as a safety mount.

NOTE: Caution should be exercised when connecting P.Audio rigging to other dissimilar metals. P.Audio rigging components are NOT rate for use in highly corrosive or marine environments.

CAUTION: All structures outdoors are subjected to wind forces. These forces must be considered when suspending any product outdoors. It is necessary to know the “Effective Projected Area” (EPA) of the loudspeaker prior to installation of the loudspeaker and the SW-PM. The effective areas are shown below. Periodic inspections of the rigging, loudspeaker enclosure and installation are strongly recommended.

IMPORTANT NOTE: All products in direct weather installations can be subjected to high wind speeds. The working load limit and safety factor ratings are provided for static vertical (gravitational) loads only. For use in high wind areas, P.Audio recommends consultation with a licensed structural engineer to calculate an appropriately re-rated safety factor.

EPA Ratings

EPA Ratings for SW Enclosures:

SW-6C: 724 cm² using drag coefficient 1.2

SW-8C: 1033 cm² using drag coefficient 1.2

SW-12D/T: 2057 cm² using drag coefficient 1.2

CONSTRUCTION OF THE SW-PM

The SW-PM is made up of 3 distinct parts, as shown below:

1. Pole Mount Bracket
2. Clamping Plate (3 Types)
3. Loudspeaker U-Bracket (Included with cabinet)

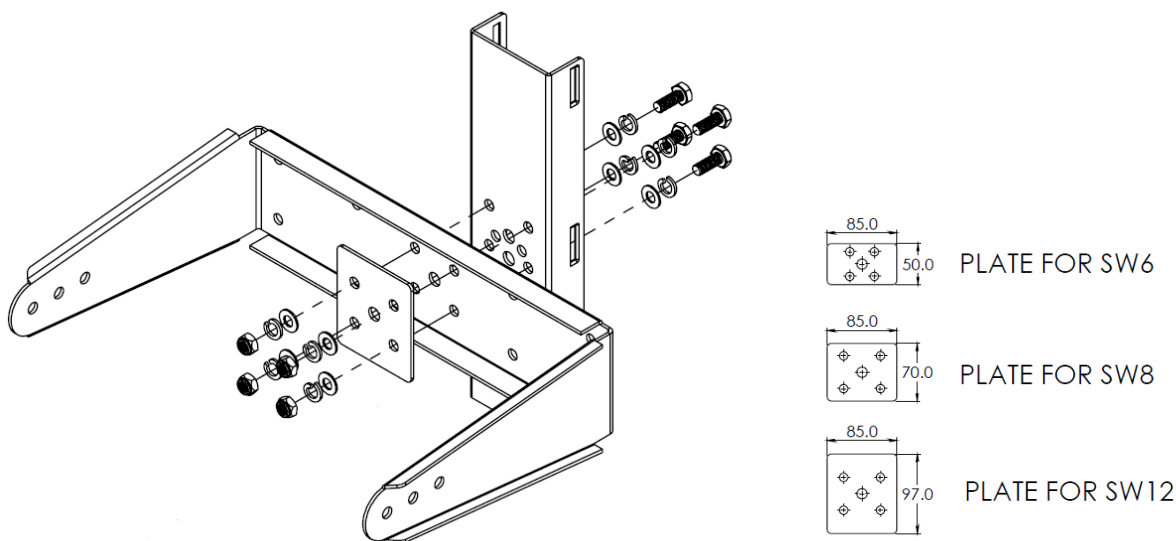
The bushings inside each of the SW cabinets are manufactured from 304 stainless steel. As such, only the 304 stainless screws and washers included with the enclosure are suitable for fastening the cabinet to the U Bracket.

INSTALLATION OF THE SW-PM

1. MOUNT THE U BRACKET TO THE POLE MOUNT BRACKET, WITH USE OF THE CORRECT CLAMPING PLATE.

There are three different plates included in the SW Pole Mount kit. Only 1 of the plates will match with the holes in the U Bracket for the specific enclosure being used.

All of the fasteners are included with the SW Pole Mount Kit.



2. MOUNT THE POLE MOUNT BRACKET TO THE POLE.

The SW-PM may be used on round or square poles. For square/rectangular poles the minimum flat dimension must be 3.75 inches (95.25mm) at mounting height and for round poles the minimum required diameter is 4 inches (101.6mm) at mounting height.

NOTE: P.Audio does not imply suitability of specific pole diameters. Each pole must be verified by the pole manufacturer or others, as to the structural suitability of the pole for use with the total load of the SW-PM, the loudspeaker, and all required safety factors. The SW-PM is designed for pole mounting ONLY! DO NOT wall mount the SW-PM.

NOTE: Instructions for mounting the Band-It bands and buckles are supplied by Band-It. The SW-PM has three slots for mounting the pole bracket assembly on a pole. ALL THREE slots MUST be used. Each slot MUST be DOUBLE WRAPPED (two INDEPENDENT bands per slot!) using the specified Band-It straps ONLY! DO NOT substitute any other straps. IT IS NECESSARY TO USE ALL MOUNTING SLOTS TO INSURE A SAFE AND SECURE MATE TO THE ASSOCIATED SURFACE! IMPORTANT: It is REQUIRED that each of the three band slots be wrapped TWICE (TWO INDEPENDENT SINGLE WRAPS PER SLOT). This should not be confused with “double wrapping”, which is two wraps of the band through a single buckle. This means that a total of 6 bands and 6 buckles are required for a single SW-PM bracket. Two independent single wraps per slot will insure a strong and secure mounting of the bracket to the pole. Insure that the two buckles are separated from each other in each slot!

IT IS CRITICAL THAT THE MATING SURFACE (Pole) BE CAPABLE OF SUPPORTING THE LOAD OF THE SW-PM BRACKET, THE LOUDSPEAKER AND ALL SUSPENSION HARDWARE, AS WELL AS PROVIDING THE PROPER SAFETY FACTORS. DO NOT ATTEMPT TO SUSPEND THE BRACKET AND LOUDSPEAKER UNTIL THE STRUCTURAL CHARACTERISTICS OF THE MATING SURFACE (Pole) ARE UNDERSTOOD. DO NOT INSTALL THE POLE MOUNT BRACKET AND LOUDSPEAKER IF THE MATING SURFACE (Pole) IS NOT CAPABLE OF SUPPORTING THE ENTIRE ASSEMBLY WEIGHT, AS WELL AS PROVIDING THE REQUIRED SAFETY FACTORS! IMPORTANT: There are 3 slots in the image below. Each of the 3 slots must be utilized to insure a secure mount to a pole. ALL 3 slots must use double wrapped bands (Two independent bands wrapped in each slot)! The image below shows the SW-PM mounted to a round pole. As shown, ALL three band slots must be used and all locations MUST be double wrapped.

Mount the SW-PM bracket assembly to the pole at the desired height on the pole. The bracket is mounted to the pole using BAND-IT stainless steel bands. DO NOT SUBSTITUTE bands of other material or other widths! There are 3 locations for the SW-PM and ALL 3 slots MUST BE USED.

The required material is: BAND-IT # C206R9 stainless steel bands BAND-IT # C25699 buckles BAND-IT # C00169 tensioning tool. The stainless steel band is Type 201SS 0.030 inches (0.762mm) thick and 0.750 inches (19mm) wide.

WARNING: Do NOT substitute banding materials or banding dimensions. Installation instructions from BAND-IT should be followed exactly. Operating instructions are supplied with the tensioning tool. (All BAND-IT parts and tools purchased separately. These parts and tools are not supplied by P.Audio) The stainless steel banding material, buckles and tensioning tools are available from the following locations (or through distributors recommended by these locations):

BAND-IT IDEX, Inc. 4799 Dahlia St. Denver Colorado 80216 USA 1-800-525-0758

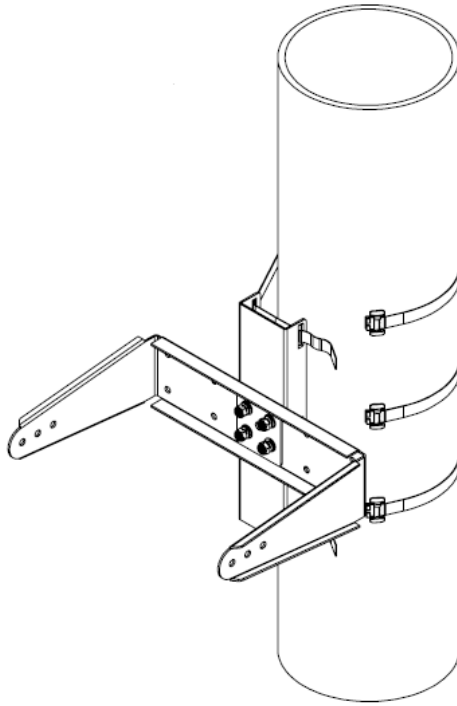
FELIX PONCE Calle Ignacio Zaragonza No. 8 Colonia Ahuehuetes Atizapan 52953 Edo. de Mexico (52) 555825 8502

BAND-IT Company Limited Speedwell Industrial Estate Stavely, Nr. Chesterfield Derbyshire, S43 3PF England Home Sales (44) 1246-479479 Export Sales (44) 1246 479480

BAND-IT Clamps (ASIA) Pte. Ltd. 11 Second Chin Bee Road Singapore 618777 65-62658853

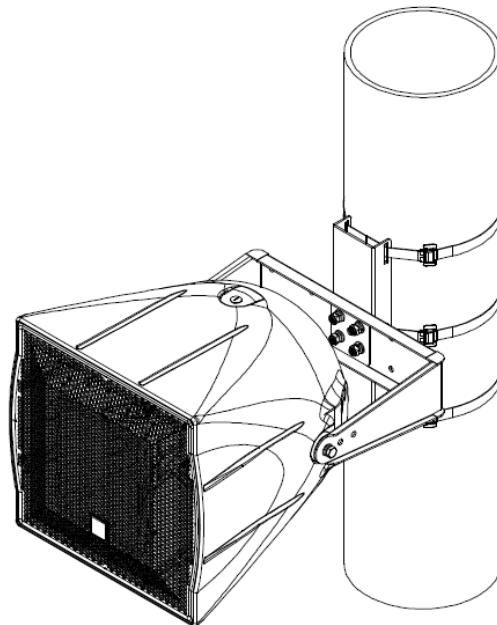
BAND-IT Shanghai Sales Office 207 room Wanbao International Business Centre 660# Xinhua Road Shanghai, China 200052 021-62826348-308

USE EXTREME CAUTION! The loudspeaker is heavy and it is likely that the desired mounting location is high in the air. This process should never be attempted by a single person. TWO PEOPLE ARE REQUIRED TO MOUNT THE LOUDSPEAKER ENCLOSURE TO THE POLE AND BRACKET. Safety harnesses should always be worn when working from an elevated platform. The loudspeaker and loudspeaker section of the bracket may now be joined to the pole section and the required pan and tilt angles selected. This is a two person job and extreme care should be exercised to avoid serious injury.



3. MOUNT THE SW SERIES ENCLOSURE INSIDE THE U BRACKET, AND FASTEN SECURELY.

The enclosure must be mounted with the rubber gaskets between the enclosure and the U Bracket to prevent slippage. The bolts used are included in the SW cabinet carton.



4. ADD ADDITIONAL SAFETY AS REQUIRED. AN ADDITIONAL MOUNTING POINT MUST BE USED FOR SAFETY. THIS MAY NOT BE LOCATED ON THE SW-PM USED FOR SECURING THE LOUDSPEAKER.

As this mounting point is not included with the SW pole mount kit, an image is not supplied here.

SPECIFICATION OF THE SW POLE MOUNT KIT

