

## Installation Guide

### Mounting Kit for Mounting Philips Avalon CTS Cordless Fetal Transducer System on Wall, 2" Post, Rail, or Slide-on Mounting Plate

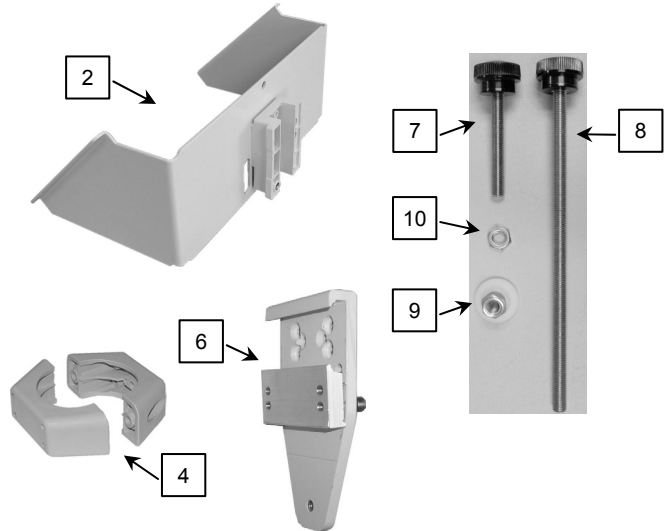
The purpose of this guide is to:

1. Describe mounting of base station in wall channel (page 2).
2. Describe mounting of base station on 2" post (page 3)
3. Describe mounting of base station on a rail (page 4).
4. Describe mounting of base station on a horizontal mounting plate (page 6).

### Parts Reference

The following parts and hardware are included in this installation kit (not all parts are shown):

Item #	Description	Qty
1	7" Channel (not shown – includes instructions)	1
2	Mounting Adapter with Slide	1
3	Adjustable Stop (not shown)	1
4	Clamping Block (Front & Rear Halves)	1
5	#10-32 x 9/16" Pan Head Machine Screw (PHMS)	2
6	Rail Clamp Assembly	1
7	2.65" Threaded Stud	1
8	7.5" Threaded Stud	1
9	Leveling Foot	1
10	M8 Hex Jam Nut	1
11	#8-32 x 3/8" Pan Head Machine Screw (PHMS)	4
12	#8 Flat Washers	4
13	M3.5 x 6mm PHMS	4
14	3/16" Hex Wrench	1



**Tools Required:** Phillips screwdriver (not provided), 3/16" hex wrench (provided).

### Installation Note

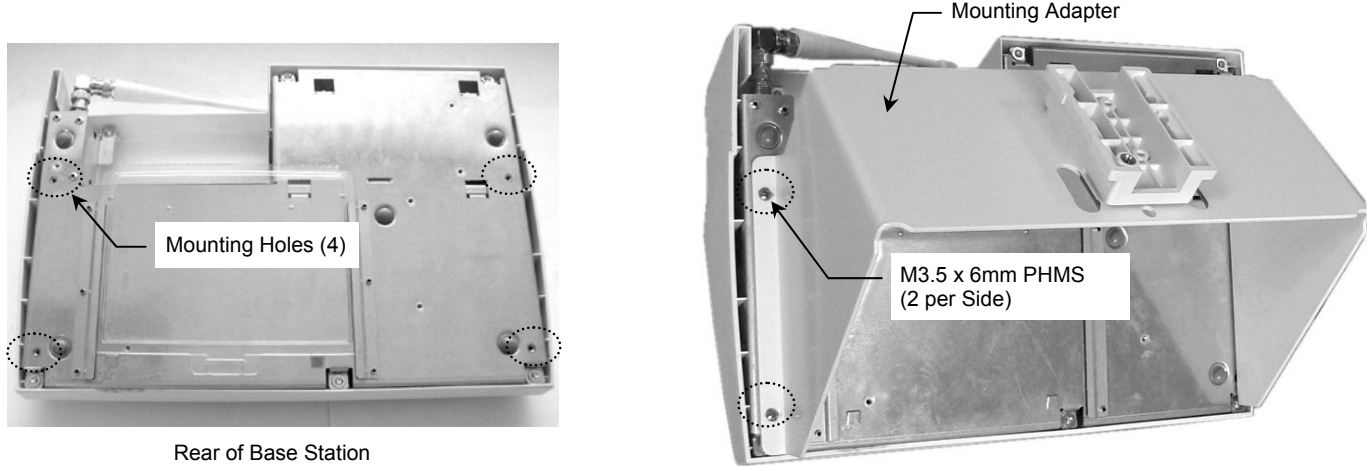
The Mounting Adapter is shipped from the factory equipped with a Channel Slide attached for mounting in a wall channel (page 2). Other mounting options (2" post, rail, or horizontal channel) are found on pages 3 – 6.

### Installing the 7" Wall Channel

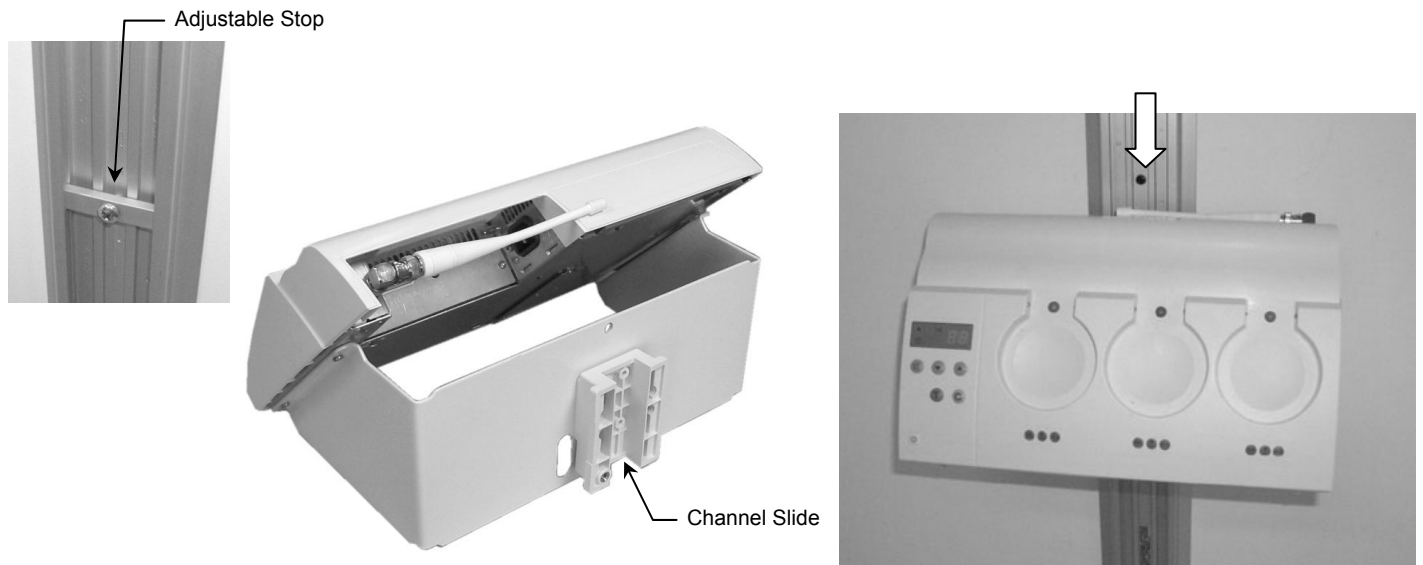
The 7" Standard Wall Channel must be installed in accordance with separate installation guide *DU-WC-0002 Rev B*.

## Mounting Base Station in Wall Channel

1. Locate four (4) mounting holes (below left) on rear of base station. Fasten Adapter to base station with four (4) M3.5 x 6mm PHMS as shown below right.

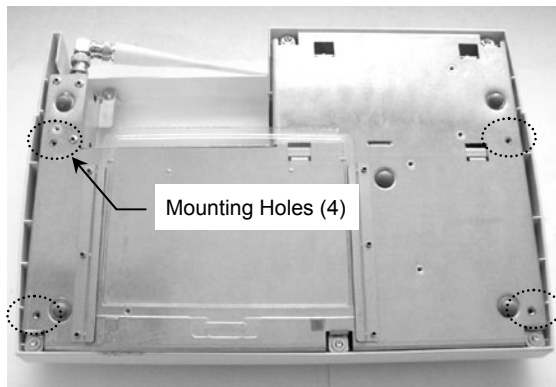


2. Insert Adjustable Stop in the top of the Channel and slide to desired mounting position for base station (below left). Tighten center screw.
3. Insert Channel Slide (below center) in top of Channel and guide the mounted assembly to rest against the Adjustable Stop. The Channel-mounted base station is shown below right.

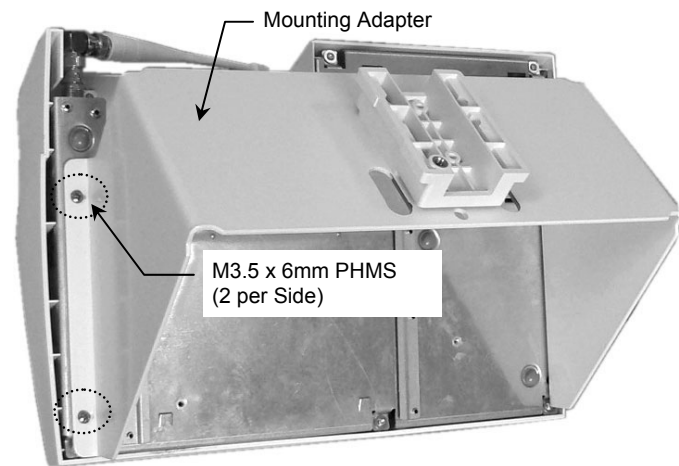


## Mounting Base Station on 2" Post

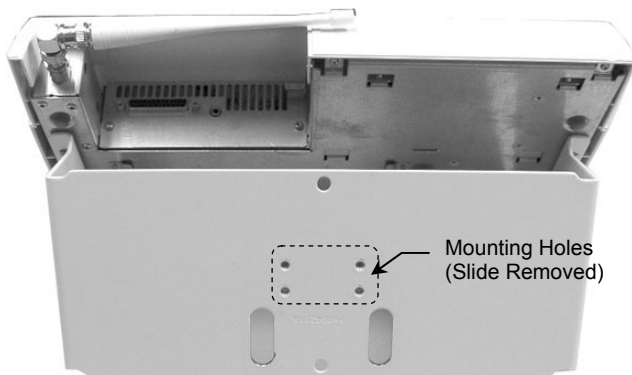
1. Locate four (4) mounting holes (below left) on rear of base station. Fasten Adapter to base station with four (4) M3.5 x 6mm PHMS as shown below right.



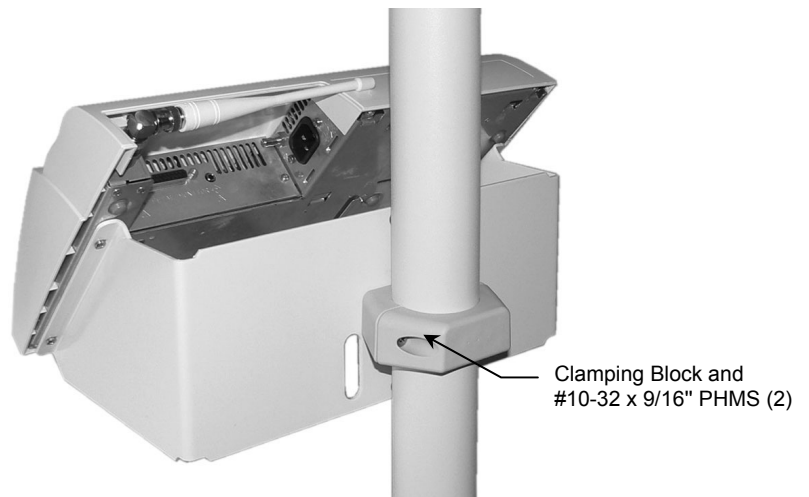
Rear of Base Station



2. Remove Channel Slide from Mounting Adapter by unscrewing four (4) pan head machine screws (below left). Retain these screws for attachment of Clamping Block to Mounting Adapter.
3. Fasten rear Clamping Block to Mounting Adapter with four (4) #8-32 x 5/8" PHMS removed in step 1 (below right).

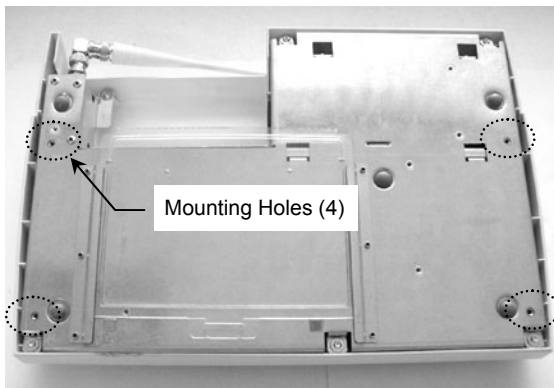


4. Fasten Mounting Adapter to 2" post with front Clamping Block and two (2) #10-32 x 9/16" PHMS as shown.

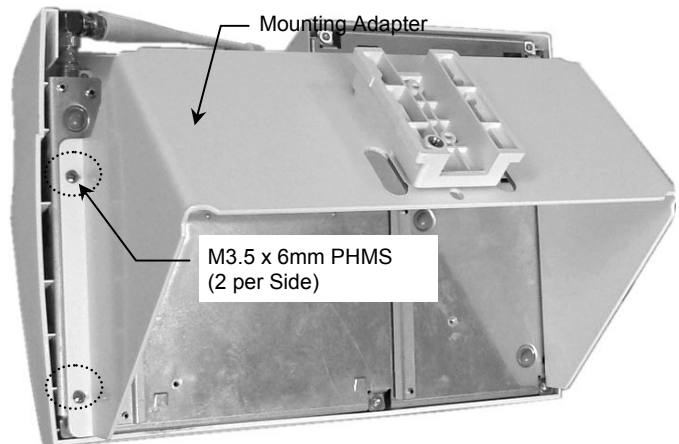


## Mounting Base Station on Rail

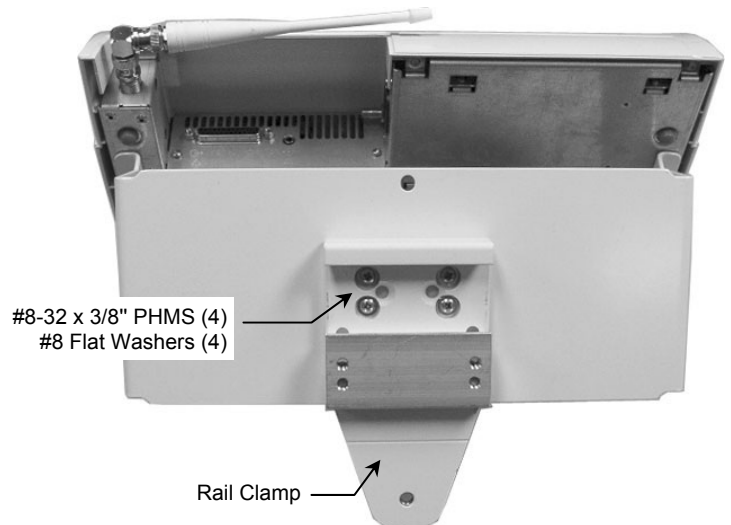
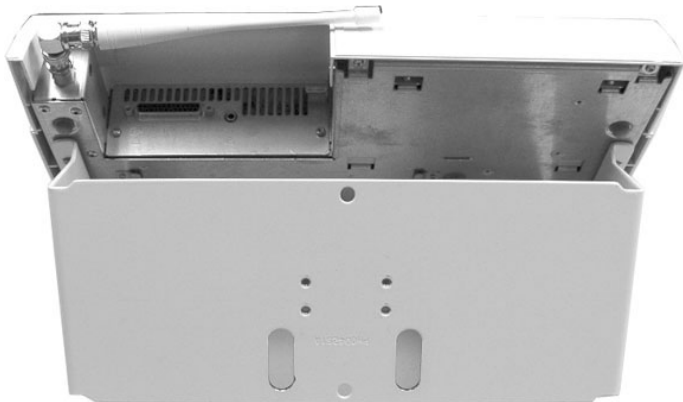
1. Locate four (4) mounting holes (below left) on rear of base station. Fasten Adapter to base station with four (4) M3.5 x 6mm PHMS as shown below right.



Rear of Base Station



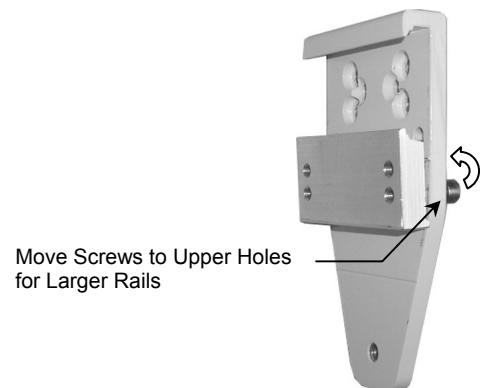
2. Remove Slide from Mounting Adapter by unscrewing four (4) pan head machine screws (below left). These mounting holes will be used for Rail Clamp attachment.
3. Fasten Rail Clamp to Mounting Adapter with four (4) #8-32 x 3/8" PHMS and #8 flat washers.



## Lower Clamp Bar Orientation

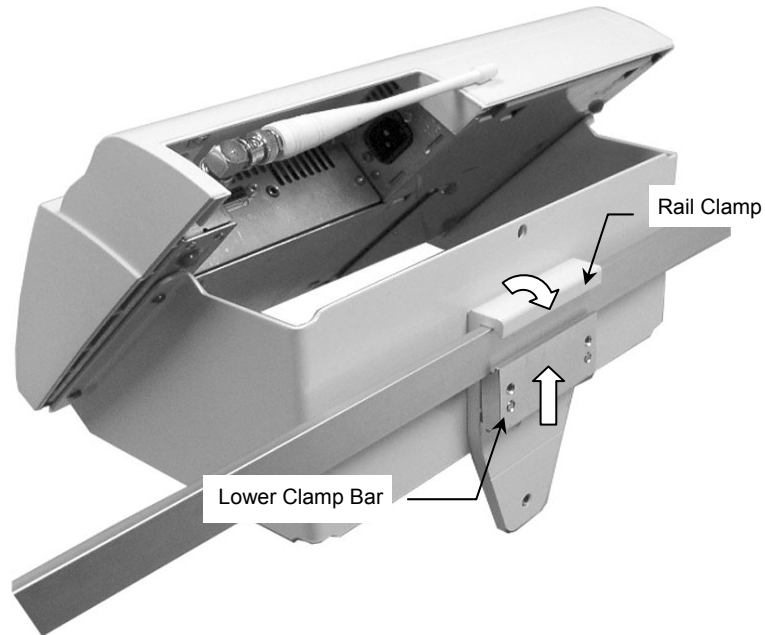
The Rail Clamp is shipped from the factory ready to clamp onto rails 8-10mm (W) x 25-35mm (H). For mounting on larger rails, a simple modification must be performed as follows:

1. Using the 3/16" hex wrench provided, unscrew the two (2) M6 x 20mm SHCS and washers from the Lower Clamp Bar.
2. Reinstall the screws in the upper position on the Lower Clamp Bar.

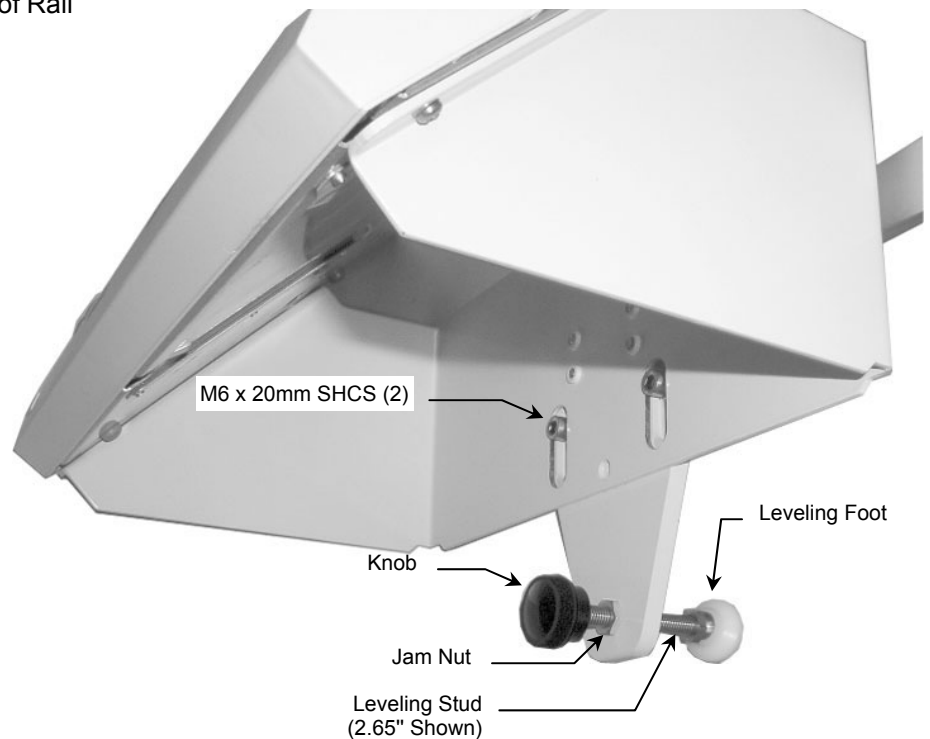


## Mounting Arm on 10mm Rail

1. Hook Rail Clamp over rail and slide Lower Clamp Bar upward to fit bottom of rail.
2. Hold Lower Clamp Bar in position and tighten two (2) M6 x 20mm SHCS with 3/16" hex wrench provided.



3. Select 2.65" or 7.5" Leveling Stud and thread Jam Nut onto Stud.
4. Thread Stud through bottom of Rail Clamp.
5. Thread Leveling Foot onto Stud.
6. Turn Knob until Leveling Foot contacts adjacent vertical surface. Continue turning Knob until Rail Clamp is parallel to adjacent surface.
7. Tight Jam Nut up against front surface of Rail Clamp



## Mounting the Base Station on a Horizontal (Slide-on) Mounting Plate

**Installation Note:** For *horizontal plate mounting*, the Mounting Adapter is rotated 180° from the orientation required for post, vertical channel, and clamp mounting. See photo below right for correct orientation.

1. Remove Channel Slide from rear of Mounting Adapter by unscrewing four (4) pan head machine screws. Mounting Adapter shown below right with Channel Slide removed.
2. Align Mounting Adapter with the four (4) mounting holes on rear of the base station. Fasten Adapter to base station with four (4) M3.5 x 6mm PHMS.



3. Slide the Adapter onto the Mounting Plate until the Adapter makes contact with the Plunger. Pull the Plunger downward and hold in position while sliding the Adapter over the Plunger. Release Plunger and continue sliding the Adapter until the Plunger snaps into the clearance hole.
4. Tighten Nylon Thumb Screws on bottom of Mounting Plate.

