
INSTALLATION INSTRUCTIONS

Small Flat Panel Dual Swing Arm Desk Mount (KFCD-110)

The KFCD is a sleek design providing a broad range of viewing for Small Flat Panel Displays.

At only 2.15" deep in the closed position, the mount allows side-to-side pivot adjustment up to 180 degrees in the closed and the fully extended position. Displays up to 30" (max. 40 pounds) can be extended to 14.2" from the wall and can pivot 360 degrees.

The KFCD accommodates all VESA® 75mm/100mm compliant displays.



BEFORE YOU BEGIN

- **Caution:** To prevent damage to the KFCD, which could affect or void the Factory warranty, and to the equipment that will be attached to it, thoroughly study all instructions and illustrations before you begin the installation. Pay particular attention to the “Important Warnings and Precautions” on Page 1.
- The maximum weight to be installed on the KFCD wall mount is 40 pounds (18.1 Kg)
- The KFCD wall mount is designed to be installed using horizontal table tops and work surfaces. The surface to which the KFCD wall mount is anchored must be capable of supporting *five times* the total weight of the mount and all attached equipment.
- If you have any questions about this installation, contact Chief Manufacturing at 1-800-582-6480.



CHIEF MANUFACTURING INC.
1-800-582-6480 952-894-6280 FAX 952-894-6918
12800 HIGHWAY 13 SOUTH, SUITE 500
SAVAGE, MINNESOTA 55378 USA

PART NO. 8832-000017 (Rev. A)
2003 Chief Manufacturing
www.chiefmfg.com
Printed in USA 12-03



IMPORTANT WARNINGS AND PRECAUTIONS!

WARNING: A **WARNING** alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A **CAUTION** alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

- **WARNING: Improper installation can result in serious personal injury! Make sure that the structural members can support a redundant weight factor *five times* the total weight of the equipment: if not, reinforce the structure before installing the KFCD.**
- **WARNING: Be aware also of the potential for personal injury or damage to the unit if it is not adequately mounted.**
- **WARNING: The installer is responsible for verifying that the wall to which the KFCD is anchored will safely support the combined load of all attached components or other equipment.**
- **WARNING: The weight of the display placed on the KFCD must not exceed 40 lbs. (18.1 kg), the maximum load capacity of the KFCD.**
- **WARNING: Watch for pinch points. Do not put your fingers between movable parts.**
- **WARNING: Make sure the mount and brackets are correctly oriented.**
- **CAUTION:** Check the unit for shipping damage before you begin the installation.

TOOLS REQUIRED FOR INSTALLATION

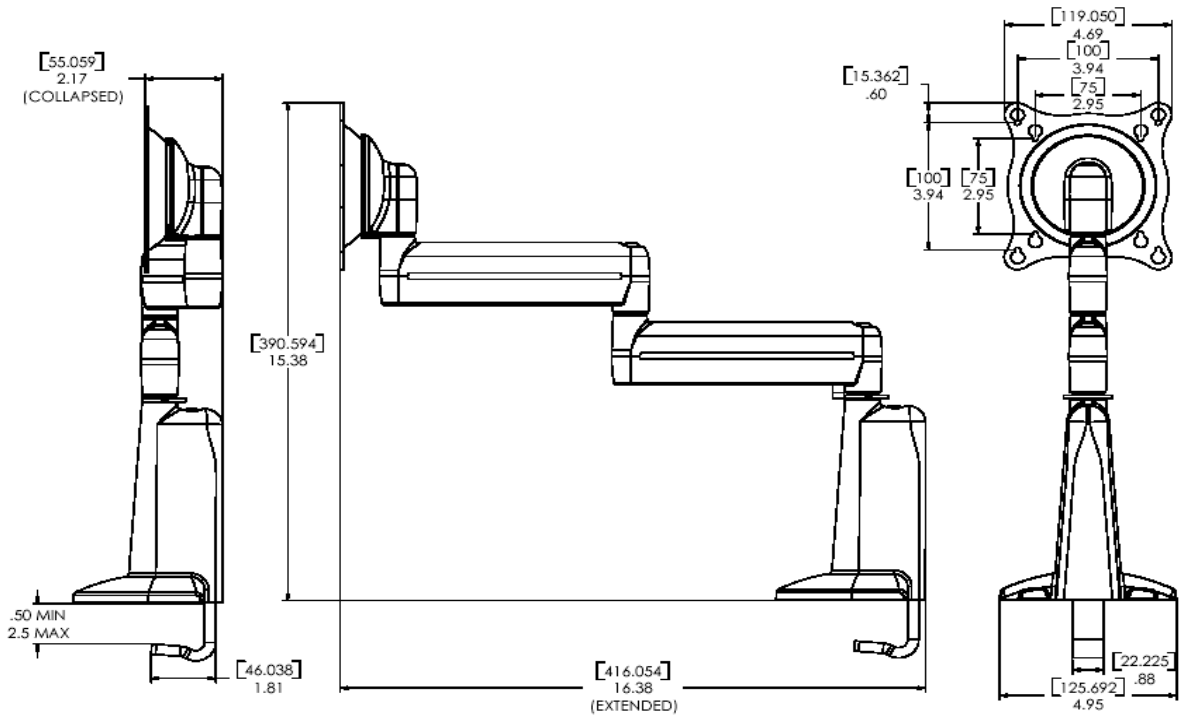
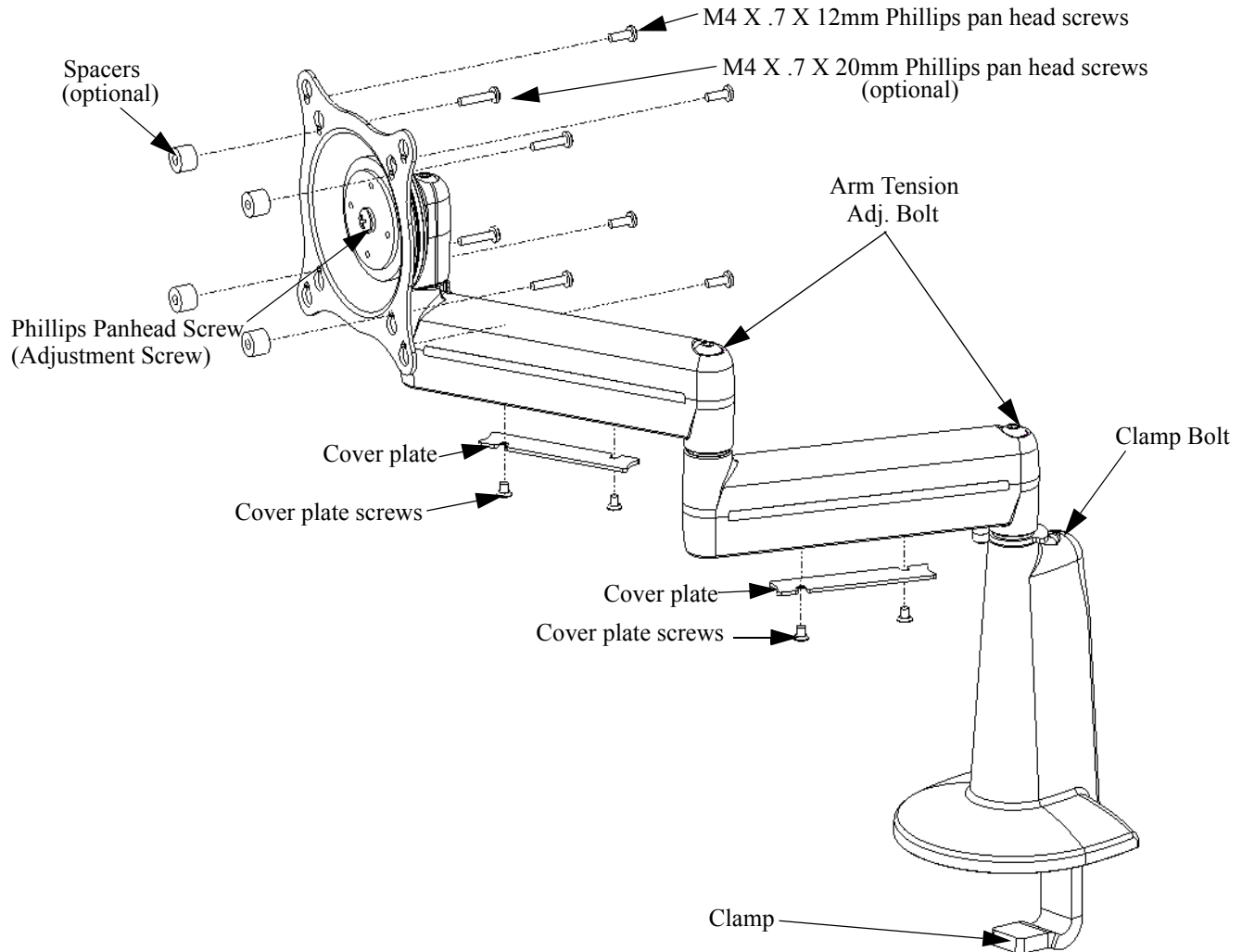
- Phillips Screwdriver

NOTE: Other tools may be required depending on the mounting surface and method of installation.

CONTENTS

DRAWINGS	2
INSPECT THE UNIT BEFORE INSTALLING	3
KFCD INSTALLATION	3
Edge Clamp (Default)	3
Grommet Clamp (2" or 3" Diameter Hole)	3
Grommet Thru-Bolt (.375" - 3" Diameter Hole) ...	5
VESA Compliant Mounts	6
Non-VESA Compliant Mounts	6
CABLE MANAGEMENT	7
ADJUSTMENTS	7
Rotational Tilt, Pitch, and Roll Adjustment	7
Lateral Tension Adjustment	7
Arm Tension Adjustment	7

DRAWINGS



INSPECT THE UNIT BEFORE INSTALLING

WARNING: Watch for pinch points. Do not put your fingers between movable parts.

1. Carefully inspect the KFCD for shipping damage. If any damage is apparent, call your carrier claims agent and do not continue with the installation until the carrier has reviewed the damage.

NOTE: Read all instructions before starting installation.

2. Lay out components to ensure you have all the required parts before proceeding (see KFCD drawing on page 2).

KFCD INSTALLATION

WARNING: It is the responsibility of the installer to verify that the surface to which the KFCD is anchored will safety support the combined load of all attached components and equipment.

Install the KFCD as follows:

1. Determine the exact mounting location prior to installation, considering the unit's swing and extension radius.

WARNING: Improper installation can result in serious personal injury! Make sure that the structural members can support a redundant weight factor *five times* the total weight of the equipment: if not, reinforce the structure before installing the KFCD.

Edge Clamp (Default)

1. Using the 3/16" hex wrench (provided), loosen the clamp wide enough to fit over the edge of your table top or work surface (see Figure 1).

WARNING: Watch for pinch points. Do not put your fingers between movable parts.

2. Slide the base over the edge of your table top or work surface (see Figure 2).
3. Using the 3/16" hex wrench (provided), secure the KFCD by tightening the clamp bolt.

Grommet Clamp (2" - 3" Diameter Hole)

WARNING: Watch for pinch points. Do not put your fingers between movable parts.

1. Remove three screws and the base bracket from the bottom of the desk clamp (see Figure 3).



Figure 1. Loosen Clamp



Figure 2. Slide Over Work Surface

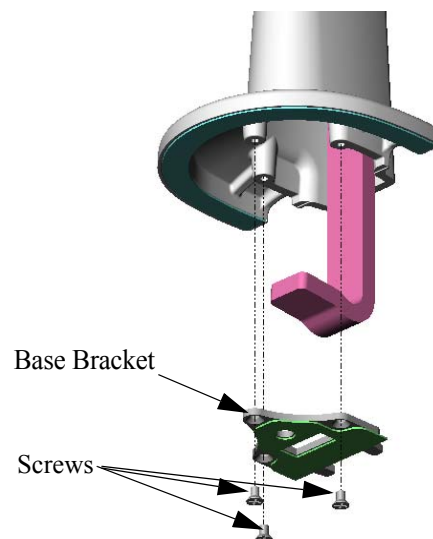


Figure 3. Remove Base Bracket

2. Using the 3/16" hex wrench (provided), loosen the clamp bolt and turn the clamp 180 degrees (see Figure 4).
3. Using three screws, secure the base bracket to the bottom of the desk clamp (see Figure 5).
4. Using the 3/16" hex wrench (provided), loosen the clamp wide enough to fit through the hole in your table top or work surface (see Figure 6).
5. Install the unit, fitting the clamp through the 2" to 3" diameter hole, and secure by tightening the clamp bolt (see Figure 1).

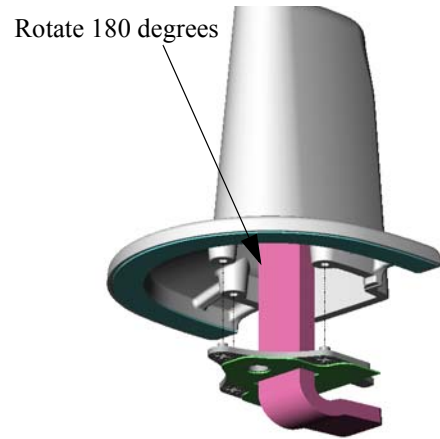


Figure 4. Rotate Base Clamp

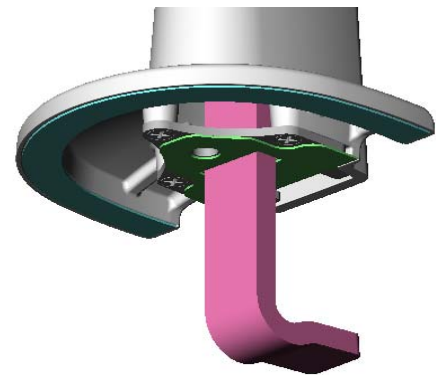


Figure 5. Secure Base Clamp

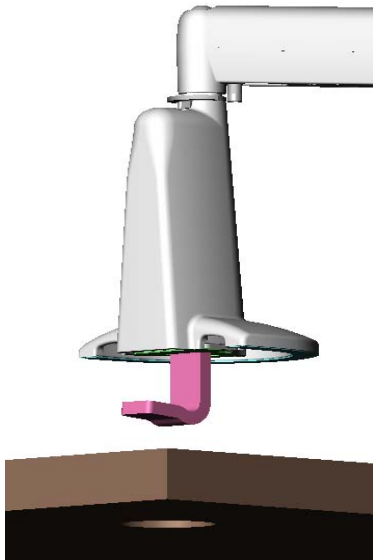


Figure 6. Install in 2" or 3" Diameter Hole

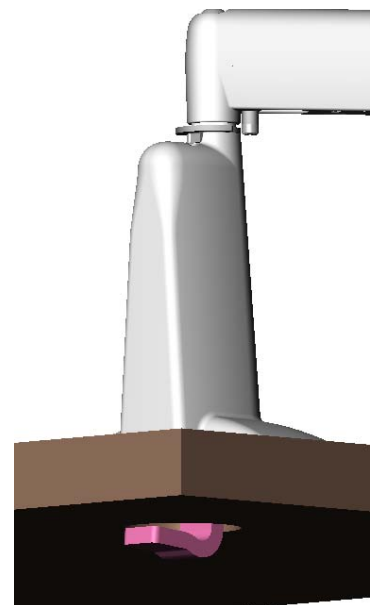


Figure 7. Secure in 2" to 3" Diameter Hole

Grommet Thru-Bolt (.375" - 3" Diameter Hole)

WARNING: Watch for pinch points. Do not put your fingers between movable parts.

1. Remove three screws and the base bracket from the bottom of the desk clamp (see Figure 3).
2. Using the 3/16" hex wrench (provided), loosen the clamp bolt and remove the clamp.
3. Rotate the base bracket 180 degrees and install the base bracket on the clamp.
4. Slide the 5/16-18 x 4" button head cap screw through the hole in the bar.
5. Secure the bar, with the 5/16-18 x 4" button head cap screw under the work surface, to the tapped center hole of the base bracket in the desk clamp (see Figure 8).

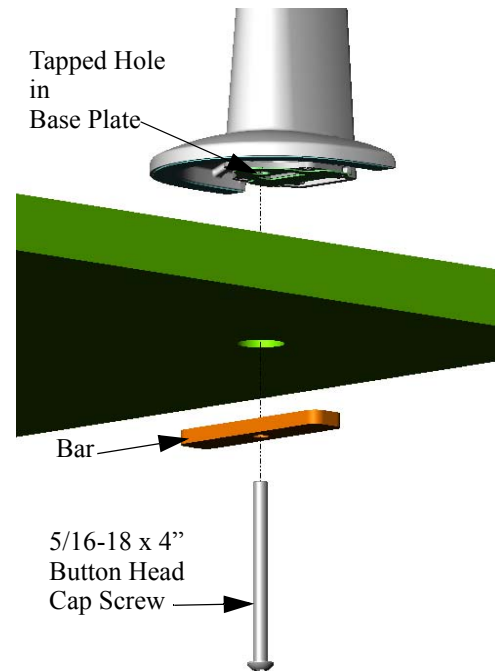


Figure 8. Secure using Bar

VESA Compliant Mounts

CAUTION: If your display uses a screw size other than M4 X 12mm or M4 X 20mm, DO NOT use the M4 X 12mm or M4 X 20mm screws provided. Using the wrong screws could result in damage to your display.

- A. Start two M4 X .7 X 12mm Phillips pan head screws or M4 X .7 X 20mm Phillips pan head screws and spacers (provided) for recessed applications into the top two mounting holes of your display.
- B. Match the hole pattern on your display (75mm or 100mm) with the hole pattern on the mount and hang the mount from the two screws started in Step 2.
- C. Install the remaining two M4 X .7 X 12mm Phillips pan head screws or M4 X .7 X 20mm Phillips pan head screws and spacers (provided) for recessed applications as necessary.
- D. Secure your display to the mount by tightening the four M4 X .7 X 12mm Phillips pan head screws or M4 X .7 X 20mm Phillips pan head screws.

WARNING: Make sure your cables do not run through a pinch point.

- E. Connect and secure power/audio/video cables, making sure to leave sufficient slack to allow for movement of the display.

Non-VESA Compliant Mounts

- A. Contact Chief Manufacturing for custom interface brackets.

CABLE MANAGEMENT

WARNING: Make sure your cables do not run through a pinch point.

1. Route power/audio/video cables under each arm, allowing sufficient slack in cables for extension and avoiding pinch points
2. Secure cables using cover plates and four screws (see “DRAWINGS” on page 2).

ADJUSTMENTS

CAUTION: Overtightening adjustment will cause excessive wear.

Rotational Tilt, Pitch, and Roll Adjustment

1. If necessary, use a Phillips screwdriver to tighten or loosen the Phillips pan head screw (see “DRAWINGS” on page 2).
2. Check for desired tension.
3. Repeat Steps 1 and 2 until desired tension is obtained.

Lateral Tension Adjustment

1. Using a 3/16” hex wrench (provided), slightly tighten or loosen lateral tension adjustment bolt (see “DRAWINGS” on page 2).
2. Check for desired tension.
3. Repeat Steps 1 and 2 until desired tension is obtained.

Arm Tension Adjustment

1. Using a 3/16” hex wrench (provided), slightly tighten or loosen arm tension adjustment bolt (see “DRAWINGS” on page 2).
2. Check for desired tension.
3. Repeat Steps 1 and 2 until desired tension is obtained.