**INSTRUCTION MANUAL**

**UNIVERSAL PROJECTOR MOUNT**

**SPECIFICATIONS**

- **Maximum Load:** 15 kg (33 lbs)
- **Tilt Range:** -15° to 15° up/down
- **Swivel Range:** up to 360°
- **Distance from Ceiling:** 12.8 cm (5.0”)

**BOX CONTENTS**

- Ceiling Plate (x1)
- Mount Body (x1)
- Mount Base (x1)
- Extension arm (x4)
- Instruction Manual (x1)
- Hardware Kit (x1)

**WARNINGS**

1. **Read these instructions before you begin.** If you are unsure of any part of the process, contact a professional contractor or installer for assistance. Improper installation can result in injury or damage.
2. The ceiling or mounting surface must be capable of supporting the combined weight of the mount and the projector; if not, the structure must be reinforced.
3. Locate pipes, wires, or any other hazards in the area where you wish to install the mount before drilling.
4. Safety gear and proper tools must be used. Failure to do so can result in injury or damage.
5. Follow all instructions and recommendations regarding adequate ventilation and suitable locations for mounting your projector. Consult the owner’s manual for your particular display for more information.

**TOOLS REQUIRED**

- Phillips Head Screw Driver
- Electric or Portable Drill
- 3 mm (1/8”) Drill Bit and Stud Finder for Drywall Installation
- 8 mm (5/16”) Masonry Bit for Concrete Installation

**HARDWARE KIT**

- (A) Wood Screw M6.3 x63 (x2)
- (B) Wall Anchor (x2)
- (C) M3 x12  (x4)
- (D) M4 x 12 (x4)
- (E) M5 x 10 (x8)
- (F) M5 x 12 (x4)
- (G) M6 x 12 (X8)
- (H) M5 Washer (x4)
- (I) M4 Washer (x4)
- (J) M5 small washer (x2)
- (K) M6 Washer (x4)
- (L) M5 larger washer  (x4)
- (M) M5 plastic washer (x4)

**INSTALLATION**

**Part 1A – Mounting to the Ceiling (Drywall)**

1. Attach the Mount Body to the ceiling plate using the M5 x 10 screw (E), M5 small washer (J), M5 plastic washer (M) from the kit (see Fig. 1).

**Part 1B – Mounting to the Ceiling (Concrete)**

2. Attach the M5 large washer (L) to the Mount Body using the M5 x 10 screw (E) from the kit (see Fig. 2). Leave the screw loose enough so that the mount can be hooked onto the mount body.
3. Use a high-quality stud finder to locate a ceiling joist where you wish to install your mount. Mark both edges of the joist to help identify the exact center. Wood studs should be 2” x 4”, at minimum:1.5” x 3.5” (38mm x 89mm) (see Fig. 3).
4. Place the ceiling plate over the joist and mark two locations for securing the plate to the ceiling (see Fig. 4).
5. Set the ceiling plate aside and drill two holes 2.5” (64 mm) deep using a 1/8” (or 3 mm) size drill bit at each marked location.
6. Install the ceiling plate using two lag Bolts (A) in the “A” and “B” holes. Do not over tighten lag Bolts (see Fig. 5).
Part 1B – Mounting to the Ceiling (Concrete)(continued)

2 Attach the M5 large washer (L) to the Mount Body using the M5 x 10 screw (E) from the kit (see Fig. 7). Leave the screw loose enough so that the mount can be hooked onto the mount body.

3 After you have determined your desired Projector location, Place the ceiling plate over the joist and mark two locations for securing the plate to the ceiling.

4 Set the ceiling plate aside and drill two holes 3”(76mm) deep using a 5/16”(or 8mm) size drill bit at each marked location (see Fig. 8).

5 Insert concrete anchors (B) into each hole so that it is flush with the concrete surface. A hammer can be used to lightly tap the anchors into place if necessary (see Fig. 9).

6 Install the Ceiling Plate using two Lag Bolts (A) in the “A” and “B” holes. Do not over tighten lag Bolts (see Fig. 10).

Part 2 – Attaching the Projector to the Mount

1 Examine the mounting holes on the back of your projector to determine the extension arm needed or not. You may need to remove the fixing screw on the extension arm to shorten the extension arm for smaller projector (see Fig. 11).

2 Attach the mount arms to the mount base as shown using the M6 x 12 screws (G) and M6 washer (K) from the kit. Attach one mount arm into each slot in the mount base (see Fig. 12). Leave the screws loose enough so that the arms can be moved when attaching the projector.

Part 2 – Attaching the Projector to the Mount (continued)

3 Attach your projector to the mount arms as shown using the appropriate screw from the hardware kit (C, D, F and G) (see Fig. 13).

Tilt adjustments can be made by loosening the screws on both sides of the ceiling plate and mount base, moving the projector to the desired angle, and then re-tightening the screws (see Fig. 17).

Periodically clean your mount with a dry cloth. Inspect all screws and hardware at regular intervals to ensure that no connections have become loose over time. Re-tighten as needed.

Part 3 – Assembling the Mount

1 Hook the mount base with your projector attached onto the mount body. Tighten the M5 x 10 screws (E) on the sides of the mount base to hold it in place (see Fig. 15).