

ENVI SWITCH STAND

INSTALLATION AND OPERATING INSTRUCTIONS



INCLUDED COMPONENTS:



One Box

- Pole
- Overhead Lamp
- Phoropter Arm
- Accessory Bag (toolkit, power cord, communication cables, touch-up paint)
- Counter-Balanced Arm (unless fixed arm)
- Safety Collar
- Base Plate (if added to order)

NOTE

A counter-balanced arm and/or base plate may not be included with all configurations.



Safety Collar Reference

REQUIRED TOOLS:



4 mm Allen Wrench



3 mm Allen Wrench



SAFETY NOTICE



Read all instructions before assembly or use. Assembly, operation, service, and adjustments should be performed by qualified personnel. Verify all components are present and inspect the equipment for damage before beginning. Place the unit on a level, stable surface with proper clearance for all moving parts. Keep hands, cords, instruments, and other obstructions clear during operation. Do not overload instrument arms or connect unapproved devices or accessories. Disconnect power before servicing, adjusting, or inspecting electrical components. Do not operate the equipment if parts are damaged, loose, exposed, or not functioning properly. Contact Envi support before continued use.



ASSEMBLY STEPS

PHASE 1: SETUP

1 UNPACKING

Remove the outer box from the Switch unit.

PHASE 2: MAIN ASSEMBLY

2 POLE INSTALLATION

1. Carefully position the pole above the stand base
2. Feed the lamp wiring through the pole and out the bottom rear access hole.
3. Lower the pole fully into position
4. Using a 4 mm Allen wrench: Tighten the pole locking screw
5. Ensure the pole is secure and properly aligned



CAUTION:

Ensure wiring is not pinched during installation.

3 UPPER ASSEMBLY PREPARATION

1. Using a 3 mm Allen wrench:
Remove the set screws from the top of the pole
2. Retain screws for later use

4 COUNTER-BALANCED ARM INSTALLATION

1. Remove the counter-balanced arm from packaging.
2. Position the arm onto the pole.
3. Slide the arm down to the safety screw/safety collar just above the rear access hole.
4. Tighten the locking handle.
5. Connect the wiring to the wires coming out of the rear access hole.
6. Test mechanical function:
7. Vertical movement
8. Horizontal movement

5 PHOROPTER ARM INSTALLATION

1. Position the arm onto the upper point of the pole.
2. Install the safety collar beneath the phoropter arm.
3. Test function:
 - a. Vertical movement
 - b. Horizontal movement

6 OVERHEAD LAMP INSTALLATION

1. Remove the overhead lamp from packaging.
2. Feed the lamp wiring through the top of the pole.
3. Guide the wiring down through the pole.
4. Route the wiring to the lower rear access opening.
5. Connect all wiring.
6. Using a 3 mm Allen wrench: Reinstall the set screw removed during upper assembly preparation.

PHASE 3: FINAL CHECKS

7 ELECTRICAL CONNECTIONS

- ☐ Connect the power cord to the designated input
- ☐ Connect the communication cable (if applicable)
- ☐ Verify all connections are secure



WARNING:

Disconnect power before performing service, adjustments, or electrical inspection.

8 FINAL INSPECTION

- ☐ Ensure all fasteners are tightened
- ☐ Confirm all arms move freely and hold position
- ☐ Verify all electrical connections
- ☐ Ensure no wires are pinched or exposed

9 POWER ON AND TEST OPERATION

- ☐ Connect unit to power source
- ☐ Turn the system ON
- ☐ Test all functions to ensure proper operation.