

8.2.2 Monitor arm

installation overview (link to Monitor Mount shelf)

Monitor arm installation overview (link to Monitor Mount shelf)

8.2.2 hardware

A monitor arm or mounting shelf moves your Spectre Cloud display off the counter surface and into a position that works for both the fitter and the bowler — at the right height, at the right angle, and out of the way when not needed. Because monitor arm installation depends entirely on the specific product purchased and the surface it mounts to, Spectre Cloud's wiki does not duplicate the installation instructions here. Instead, this page points you to the right resource and covers the considerations specific to a pro shop counter environment.

☐ Where to Find Installation Instructions

Monitor arm and mounting shelf installation instructions are provided by the manufacturer of the specific product you have purchased. Refer to the documentation included with your arm or shelf,

or visit the manufacturer's support page for the model you are installing.

If your shop purchased a monitor arm or mounting shelf through the **Spectre Cloud recommended hardware programme** or a partner retailer, installation guidance specific to that product is available at:

☐ wiki.spectrebowl.com/hardware

⚠ **Verify with Spectre team:** Confirm the correct URL for the hardware reference page, or replace the link above with the actual destination — whether that is a dedicated hardware shelf on the Spectre wiki, a partner retailer's product page, or a downloadable PDF guide. If no such page exists yet, this section should be updated to direct users to the Spectre support team instead.

☐ Pro Shop Counter — Mounting Considerations

Standard monitor arm installation instructions assume a home office or desk environment. A pro shop counter has a few specific characteristics worth accounting for before you drill or clamp anything:

- ☐ **Counter thickness and material** — pro shop counters are often thicker than a standard desk and may be solid wood, laminate over particleboard, or stone. Confirm your mounting hardware is rated for the counter thickness and material before purchasing.
- ☐ **Clamp vs. grommet mount** — clamp mounts attach to the counter edge and require a lip of sufficient thickness. Grommet mounts pass through a drilled hole in the counter surface. For stone or thick hardwood counters, a surface clamp with extended jaws is often the most practical option.
- ☐ **Cable management** — route cables along the arm and down through or behind the counter rather than leaving them loose across the work surface. Loose cables in a pro shop environment catch on equipment and create a trip hazard.
- ☐ **Weight rating** — confirm the arm's weight rating covers your monitor or tablet. A 24" desktop monitor typically weighs 4–6 kg; most standard monitor arms are rated to at least 8 kg, but verify for your specific model.
- ☐ **Reach and articulation** — choose an arm with enough reach to position the screen at the fitter's working position and swing it toward the bowler when needed. A single-pivot arm with 30–40 cm of reach covers most counter configurations.
- ☐ Do not mount a monitor arm to a hollow-core or thin laminate counter surface without first confirming the substrate can support the torque load — a monitor arm on an insufficiently supported surface will gradually loosen and may fail suddenly.

☐ Drill Press Screen Mounting

Mounting a tablet or small screen at the drill press for spec sheet reference requires a different approach from the counter — the mount needs to withstand vibration from press operation and position the screen clearly within the driller's sightline without obstructing movement around the press.

- ☐ A **tablet arm with a universal clamp** — designed to clamp to a bench or press frame — is the most flexible option. These are widely available and adjust for height, angle, and distance without permanent installation.
- ☐ Mount the arm to the **press bench or a nearby fixed surface**, not to the press head or moving components — vibration and movement during operation will loosen any mount attached to the press itself over time.
- ☐ Position the tablet so it is readable from normal operating posture at the press — typically at shoulder height or slightly below, angled toward the driller's eye level.
- ☐ Ensure the mount keeps the tablet **clear of drill debris** — dust and coverstock material accumulate quickly on any surface near the press head. A screen positioned to the side rather than directly above the drilling zone stays cleaner longer.

☐ After Installation

Once the arm is installed and the screen is mounted, a few minutes of configuration in Spectre Cloud completes the setup:

1. Log into Spectre Cloud on the newly mounted device and confirm the display renders correctly at the screen's native resolution.
2. Open a spec sheet and scroll through it to confirm all fields are accessible without awkward repositioning of the arm.
3. If using the device at the drill press, open a printed or on-screen spec sheet and confirm it is readable from normal operating distance without needing to approach the screen.
4. Adjust the arm angle and height until the display is comfortable for extended use — a position that seems acceptable during a quick test may become uncomfortable across a full day of fittings.

Related Sections

- 8.2.1 — Recommended monitor setup for the pro shop counter
- 01.3 — Minimum requirements and supported devices
- 01.4 — Supported browsers and operating systems
- 09.x — Troubleshooting: connectivity and device issues

□ **Tip:** Before committing to a permanent mount, position the screen temporarily using a stack of books or a camera tripod to find the height and angle that works for your specific counter layout and working posture. Spending five minutes at the temporary position during a fitting confirms the position is practical before any holes are drilled or clamps are tightened.

Revision #2

Created 11 May 2026 16:05:09 by Admin

Updated 2 June 2026 17:34:24 by Art