Common Parts Edition

AS SEEN ON ebay

And probably other places as well

The unofficial SWITCH KIOSK Guide

Last Updated

Summer 2025

ANOTHER RETRO GUY

The results are in...

...and it appears you all are enjoying these guides!

Seriously, thank you all for the support - whether you shared a post, sent a message, or just quietly used one of the guides while knee-deep in kiosk parts. It means the world.

Here's to keeping retro tech alive - one weird bracket and broken screw at a time!

-A.R.G

keep it up! We love it ☺️

I have a few things I need to send your way that can be added, as well as info and pics. I aim to do that in the next 48hrs.

This is awesome! But, I am really struggling with how you are supposed to put this thing back together. Is there an easy way to get the screws out so you can open this up, or are you expected to do it all through the tiny opening at the bottom?

Really great guide! Very clean documentation and explanations. Would love to see more for other kiosks too! Also, overall/sectional dimensions would be a nice addition for anyone looking to transport this kiosk in their vehicle, along with more disassembly information.

can't wait. you did a great job with this one

got a pdf for this?

🙂good to hear. That's crazy you can find anything Nintendo promo related thing for less than a grand.

Wow, great guide. I never got close to ever getting a switch kiosk though thanks to the many vultures around Houston.

not related but i saw this huge red nintendo glass cabinet with a built in tv on top at my local gamestop and i want one of those bad! im trying to find more info on it

this is awesome! I opted for duct tape but now when I get some time I'm gonna do it this way!

Awesome job

another question have you done a tear down/rebuild pdf. would like to have this if i have to tear it down for a move and then rebuild it back up. and make sure i have wires where they need to go and what not

Oh thank god for this
I literally just soldered wires to my leds but Im missing the fans
So knowing what size & model they are helps out a lot
Thank you!!

Gods work my friend thank you! Needed this. An LED guide would be good too

Wow! This is incredible

thank you so much!!

my bottom strip is cut and my translite box has no LED strips so definately looking forward to that if you make it!

That's what I was thinking! Thank you so much!

Wish there was one of these guides for the PS4 kiosks

Super duper helpful.
You are a hero!

Thank you for creating this. It will come in handy if mine ever has any issues!

this is awesome. I was just looking at my wiring situation this morning and was feeling clueless. Thank you!

This is Gold! Most futureproof project you're doing here.

CAN I GET HELP FINDING ONE OR IS TOO LATE FROM STORES

This doesn't completely suck.

Thank you

Thank you! 🙏

There are ***DOZENS*** of us!!

Common Parts Edition

The unofficial SWITCH KIOSK Guide

Introduction and Disclaimer

This document is intended as an educational resource for those interested in the Switch Kiosks once displayed in various retail environments. Its goal is to provide historical context, technical information, and insights into these unique kiosks for enthusiasts, collectors, and researchers.

Please note that this guide is not affiliated with, endorsed by, or associated with any gaming company or their subsidiaries. All trademarks, logos, and copyrights referenced remain the property of their respective owners. Efforts have been made to ensure compliance with copyright and intellectual property laws, with the sole purpose of this guide being to share knowledge and help preserve a piece of gaming history.

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Much of the layout, written content, and photography in this guide was created specifically for this project. Please don't reuse or repost original images or text without permission. If you'd like to share anything, feel free to get in touch.

Thank You,
– Another Retro Guy

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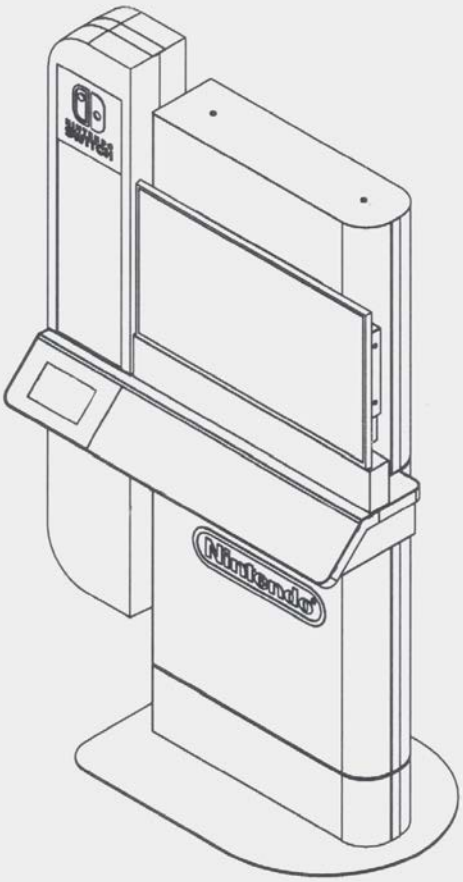

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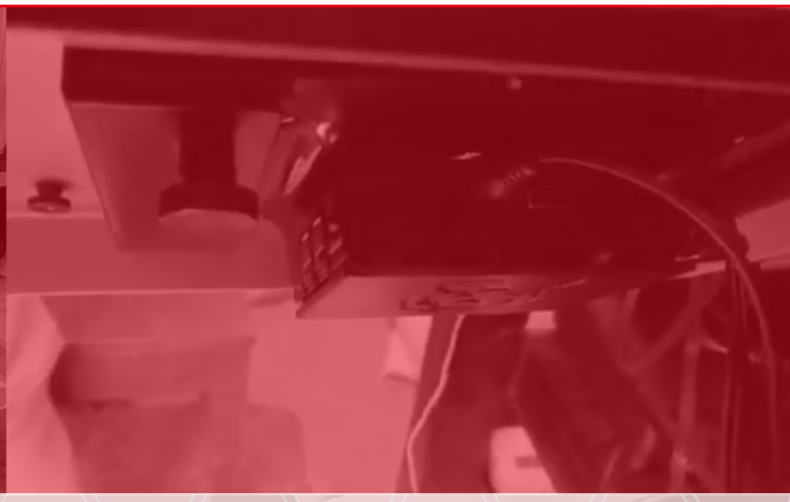

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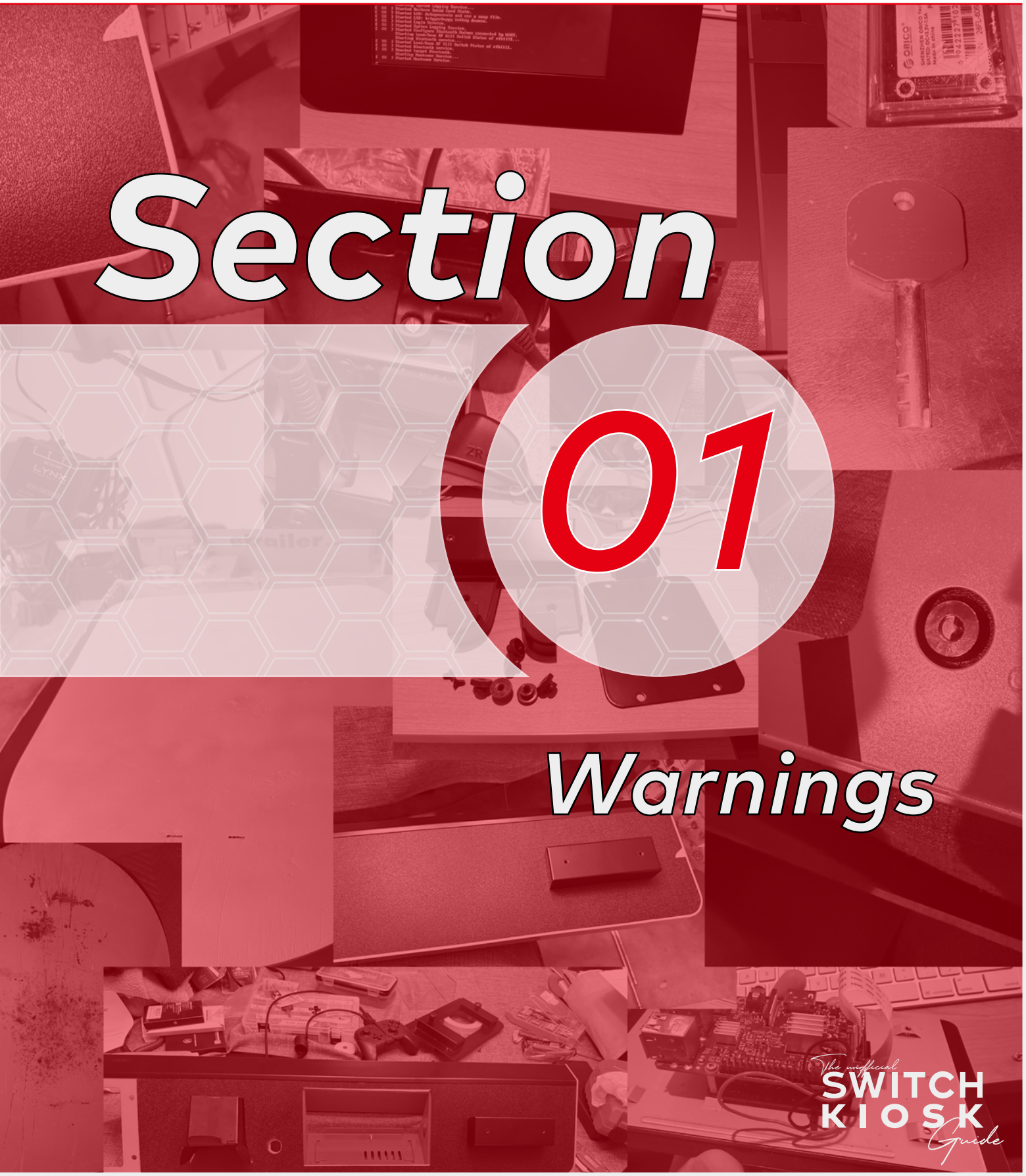


Section 01

Warnings

The image above shows the five similarly designed kiosks and the retail stores where they were placed. While other kiosk variants exist for different Nintendo Switch models, this guide focuses on the ones pictured.

Special thanks to MJ Graff Design for creating these kiosks. Their website link is in the image's bottom-right corner, features fascinating design concepts worth exploring.

This guide specifically covers the various common parts used in these kiosks that are generally missing when this kiosk is purchased. Some parts are removed by the stores, some parts may be removed by the vendors, and other parts are generally lost over time.

Though there are five kiosk versions, some of the parts are universal.

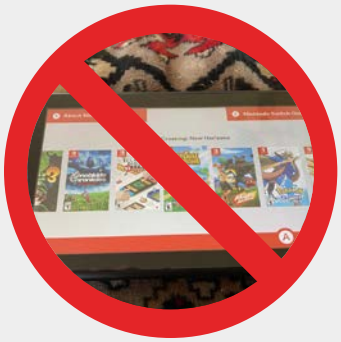
*I do want to throw out a disclaimer, that I personally only have access to the GameStop Kiosk, and so I cant be 100% sure on how universal parts are to the other kiosks. I'll try to call that out for each one I list, but please keep that in mind. ALSO keep in mind that folks selling parts may not be aware of which kiosk it goes to.

Important FYI and Warning for Facebook Groups

As we slowly transition from the Switch to the upcoming Switch 2, there are still important concerns regarding parts related to the Switch Kiosk. It's especially important for newer folks, who are just now picking up kiosks and searching for parts, to read and understand this.

In a Nutshell...

WE DO NOT DISCUSS DEMO CONSOLES, THE PI DISPLAY, OR THE MARIO POLE STATUE.



A Little Backstory:

Some kiosk groups on Facebook have been around for nearly a decade. However, a few years ago, Nintendo cracked down hard on certain communities, resulting in bans and removals from Facebook.
While the exact reasons aren't 100% confirmed, after plenty of discussion and reflection, most people agree that conversations around Switch Demo Consoles, the Pi Display (both running proprietary software), and the Target Mario Store Statues (which, although not related to the kiosks themselves, were being stolen and sold) likely played a role in the bans.

Since then, many groups have reformed and started over — but with a much stricter approach. As a result, discussing these topics is avoided to prevent further issues. There may come a time when it's acceptable again, but for now, bringing them up can get you banned from groups.

As far as this guide goes:

I will not be covering Demo Consoles or the Pi Display.

I will cover the Pi Holder, since it is just a piece of hardware.

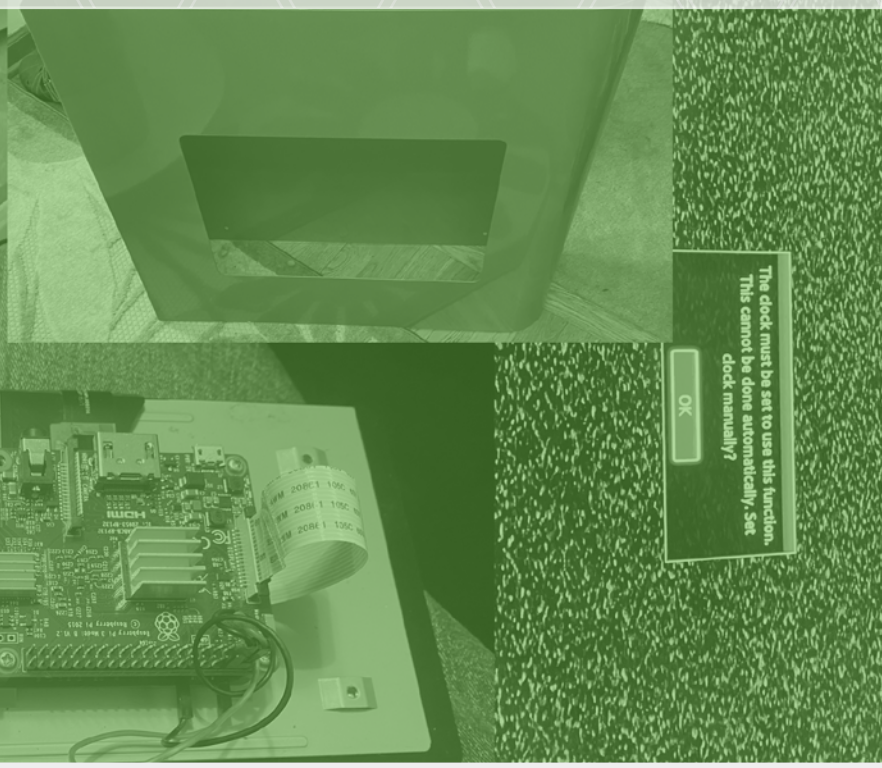
I'm told there are other resources online that dive into the restricted topics, but I personally haven't explored them yet.

Please keep this in mind as you read through this guide and participate in any of the communities.

Thanks!

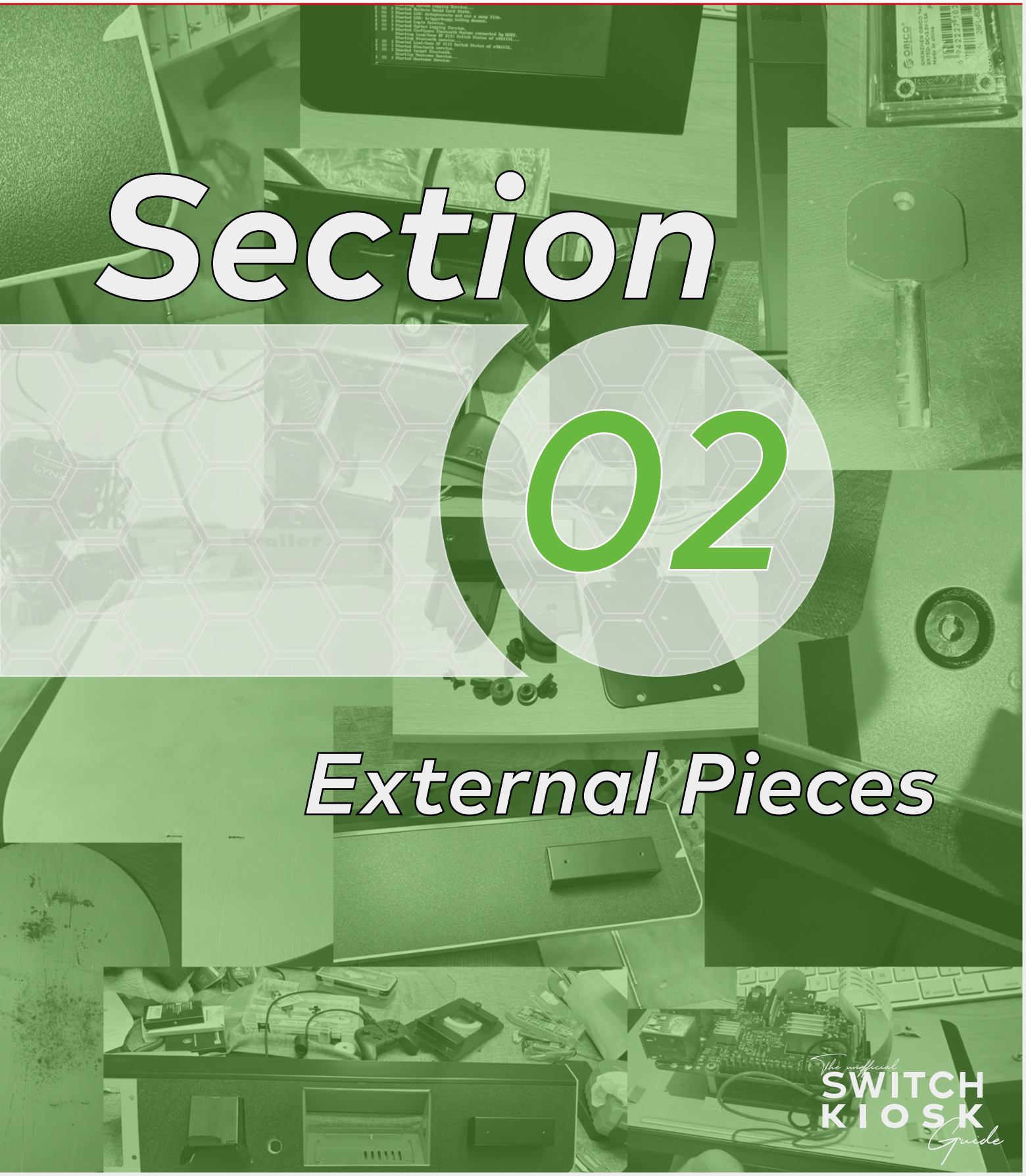
The unofficial

SWITCH KIOSK Guide



Section 02

External Pieces



Translites & Translite Box Information

The three different sizes for the translites are...

8" x 9" - Walmart

8.5" x 15" - Best Buy
(Often called the "15 inch")

8.5" x 21" - GameStop,
Target,
Toys R Us
(Often called the "21 inch")

8" x 9"

8.5" x 15"

8.5" x 21"

Sorry to say that it is rather common for the Translite Holders to be missing from the kiosks. Also it's often hard to find replacements for them.

The Translite Holders are very easy to break, as they are made of plastic and are hollow. They're bolted onto the side of the kiosk, and because the kiosk is bulky and very heavy, a lot of folks will hold onto them when moving the kiosk. This often results in them becoming damaged and sometimes breaking off of the Kiosk.

Walmart

BEST BUY

GameStop
TARGET
Toys R Us

Also, it seems like stores have recently been having them removed. Not entirely sure the reason, but speculation has been floating around that it may be related to the Nintendo Logo, as the Nintendo Badge on the bottom front of the kiosk is also being removed.

The Translites themselves are a lot easier to obtain, at least at the time of writing this. They can often be found on various ecommerce sites and amongst various collecting groups. Being able to find a specific one may be tricky though.

I have created other guides focusing on the Translites and the Translite Holder itself. Please refer to those for more detailed information.

Other Related Guides

I've already written a few guides that cover different aspects of the translite box and its related components:

- ***Translite Edition***

  A deep dive into all known officially circulated translites used in various retail stores. This guide includes images and reference material for each version, although some translites are still missing as of this writing, a great deal of effort went into tracking down and cataloging what we could find.

- ***Translite Box Screw Post Repair***

  Focused on repairing the screw posts that secure the plexiglass and logo plate inside the translite box.

  This guide was created after my own kiosk arrived damaged, and has since helped others complete their restorations as well.

- ***Kiosk LED & Fan Repair / Replacement***

  Covers the Lynx Power Module, its attached components, the internal cooling fan system, and LED strip lighting.

  This was written after discovering my kiosk was missing its LED system entirely. The guide walks through the replacement and repair process for others in a similar spot.

- ***Translite Box Measurements (Coming Soon)***

  An in-depth walkthrough of all the physical dimensions for the translite box and its components.

  These measurements have already helped several people recreate missing parts, and once finalized, the guide will serve as a dedicated reference for those building from scratch or restoring incomplete units.

Removable Shell Covers

Top Shell Cover

The Top Cover consists of two parts: a base layer made of particle board, and a thin, painted metal sheet mounted on top.

Its shape follows the top curve of the kiosk - a long rectangle with rounded corners on one side. This is usually the last piece installed, and the first to be removed, as it provides direct access to the TV bracket's top security screw.

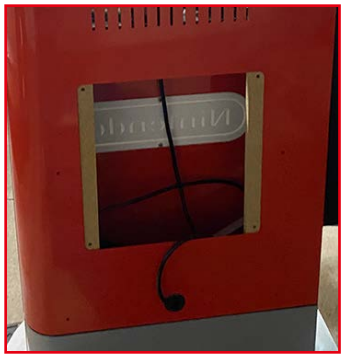
It's held in place with two screws, and its length varies depending on the kiosk model, since some versions are wider than others.

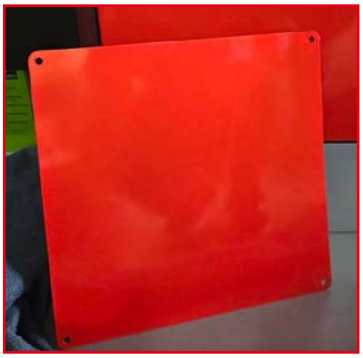
Top Shell Cover

Gamestop

Wal-Mart Extended Size

Rear Shell Cover





Rear Shell Cover

The Rear Cover also varies in size depending on the kiosk type. On the GameStop kiosk, this is typically a square sheet of metal with no backing board — it simply screws into two internal metal supports inside the kiosk.

Some kiosks may have a more complex rear assembly, so expect small layout differences between variants.

Worth Noting:

These panels do pop up online occasionally, but always verify dimensions before purchasing. The Rear Cover may be universal, but the top cover will vary in size by length, depending on the variation of the kiosk.

"Removable" Nintendo Logo "Badge"/"Plaque"

Nintendo Logo "Badge"

The Nintendo logo "badge" is the emblem located on the lower portion of three out of the five known kiosk variants. This piece is detachable, though it typically wasn't removed—until recently. Much like the translite box, it now appears that stores have started removing this part as well. Fortunately, some sellers have begun offering the badge separately, but availability will likely be limited.

While I can't speak for every kiosk variation, the GameStop version's badge measures approximately 5" x 17" and uses four screw holes for mounting. I haven't seen any reports of sizing mismatches from buyers so far, but I can't guarantee universal fit. If you're planning to purchase one, be sure to measure your kiosk's mounting area and confirm dimensions with the seller beforehand.

Note:

There are quite a few folks in the community who have created reproduction versions of this part. Some have even generously shared free 3D print files online - it's just a matter of tracking them down.

These parts also pop up on various marketplaces from time to time, though they can be a bit pricey depending on the seller.

Logo "Badge"

Approx 5" x 17"

Kiosk TV Variants

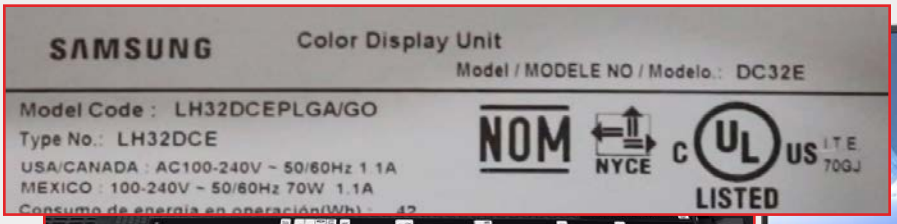
There are actually two different TV models found across Switch kiosks.

Samsung DC32E (Most Common)

The most commonly found model is the ***Samsung DC32E***, a 32" commercial display. These were originally available through retail and commercial channels, but are now harder to come by, especially in good condition.

Some collectors have successfully swapped in other similarly sized TVs, but it's not always straightforward. There's limited clearance between the Translite box on the side and the lower metal crossbar, which can make installing a replacement difficult unless you modify the mounting method.

That said, it can be done - just expect to make a few adjustments to how the screen is mounted.



Vizio Variant (Wal-Mart Kiosks)

A few Wal-Mart variant kiosks came equipped with a Vizio TV. Unfortunately, I have limited information available on this version, but what we do know is that:

- These came with a different bracket, specifically for the Vizio, unique to that setup.
- I've heard it was potentially a 40" sized TV, but have not seen a specific model number.

Some community members believe the Vizio was a replacement for failed Samsung units, though the exact model and size aren't confirmed.

Various Port Blocking Covers

Worth Noting:

If you have access to a Wal-Mart Vizio variant, or know the model number or bracket dimensions, please share! Every detail helps build a clearer picture for the rest of the community.

TV Mounting Brackets

There are three OEM versions of the TV bracket found in Switch kiosks.

- The first version uses a standard 200x200mm VESA mount pattern with fixed holes. It's a rigid design that doesn't allow for any vertical adjustment, so your TV has to line up exactly with those points.

- The second version features a taller slotted hole pattern, which allows for more flexibility in positioning a TV. This is helpful when installing replacement TVs with slightly different VESA offsets or screen dimensions.

- The Third bracket is shaped specifically for the Wal-Mart Vizio TV's.

Both bracket styles feature two rear-facing metal arms that latch onto the internal mounting rails inside the kiosk. These arms end in 90-degree hooks that grip the upper and lower support bars behind the TV.

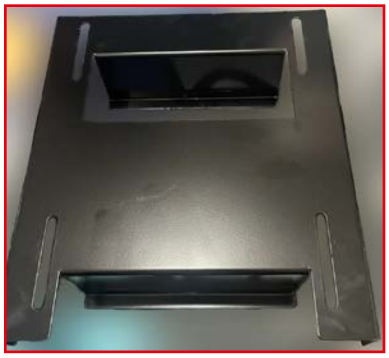
The top arm includes a hole for a security screw, allowing the bracket to be locked into place once installed, which helps prevent theft or tampering in retail environments.

Top "Security" Screw

Version 1

OEM

Version 2



OEM

Aftermarket

Version 3 (Vizio)

OEM

Pull-Out Drawer Overview

The Pull-Out Drawer is one of the most central (and most "modified") components of the Nintendo Switch kiosk. While the core concept is consistent, there are several variations across different kiosk versions - and even more changes introduced during and after the COVID era.

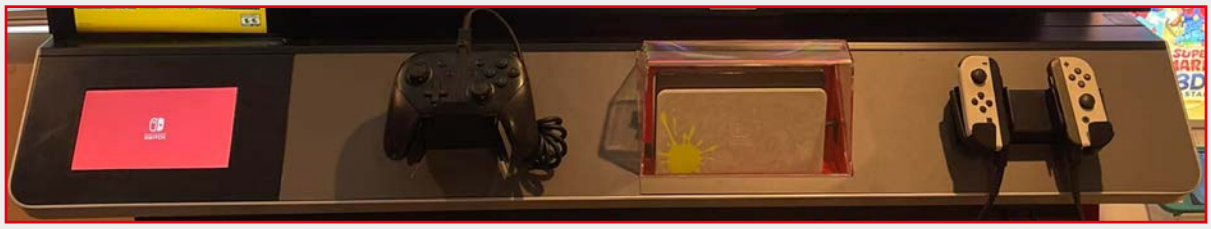
This guide focuses primarily on the GameStop variant, but I'll call out differences with other versions where possible.

What is the Pull-Out Drawer?

As the name suggests, the Pull-Out Drawer is the center panel of the kiosk. It houses the console, controller mounts, and several internal components.

When locked, it sits flush against the kiosk frame. Once unlocked, the entire unit slides forward, giving access to:

- The console and controller mounts
- Power supply and cabling
- Fans and internal airflow
- The speaker and Raspberry Pi (if present)



Drawer Size Differences

While the overall function of the drawer stays the same, the dimensions vary by kiosk model:

- GameStop and Toys "R" Us drawers appear to share the same width.
- Target, Walmart, and Best Buy variants have drawers that are wider overall, though the height remains consistent across all models.

Due to these width differences, some components - like the controller mount openings - are shaped differently and/or spaced further apart in certain versions.

Wal-Mart Version

Gamestop Version

Pull-Out Drawer Overview

Drawer Layout & Components

Despite the structural differences, the layout of components inside the drawer follows a similar left-to-right pattern:

1. Raspberry Pi Display (Optional)
   - Early versions featured a Raspberry Pi unit running demo content or advertisements.
   - Later units removed the Pi entirely, replacing the opening with a thin plastic cover.
2. Controller Mount
   - There are two possible holders:
     - Pro Controller mount
     - Joy-Con Grip mount
3. Console Mount
   - Holds the Switch console itself. Usually paired with a clear acrylic cover.
4. Individual Joy-Con Mount
   - Positioned on the far right. Joy-Cons are tethered separately with dedicated security cables.

All connected controllers are tethered to the kiosk with security cables that double as charging lines. Some mounts also have small plates and security screws for locking down the cable.

Narrow Variants (Shared Width)

Toys R Us Version

Gamestop Version

Wide Variants (Shared Height)

Walmart Version

Target Version

Best Buy Version

Pull-Out Drawer Overview Continued

Alternative Drawer Configurations

While the pull-out drawer's overall layout has remained largely consistent, the components installed inside have varied over the years, especially during and after the COVID-19 pandemic.

Originally, most kiosks were sent out fully equipped. Some featured the Joy-Con Grip mount, while others used the Pro Controller mount. However, not all kiosks shipped this way. Some were delivered with no controllers or console installed at all, and instead featured a long magnetic cover over the cutouts where those components would normally sit, relying on the Raspberry Pi to run content on the TV.

COVID-Era Changes

During the early stages of the pandemic, Nintendo instructed reps to cover or block physical interaction points. Most kiosks had cardboard overlays placed on top of the controllers to discourage use, effectively rendering the kiosks ***display-only.***

Post-COVID Shifts

As restrictions eased, many kiosks were re-enabled, but not always fully restored. Most notably:

- ***Raspberry Pi units were often removed entirely***
- ***Some kiosks returned with partial controller configurations***
- ***Others were never reconfigured at all and remained display-only***

Later in the lifecycle, Nintendo shipped new kiosks using the same drawer frame, but without the Pi. Some collectors refer to these as 'Version 2' kiosks, the core structure is unchanged. The differences lie entirely in the installed components (or lack thereof).

Fun Fact:

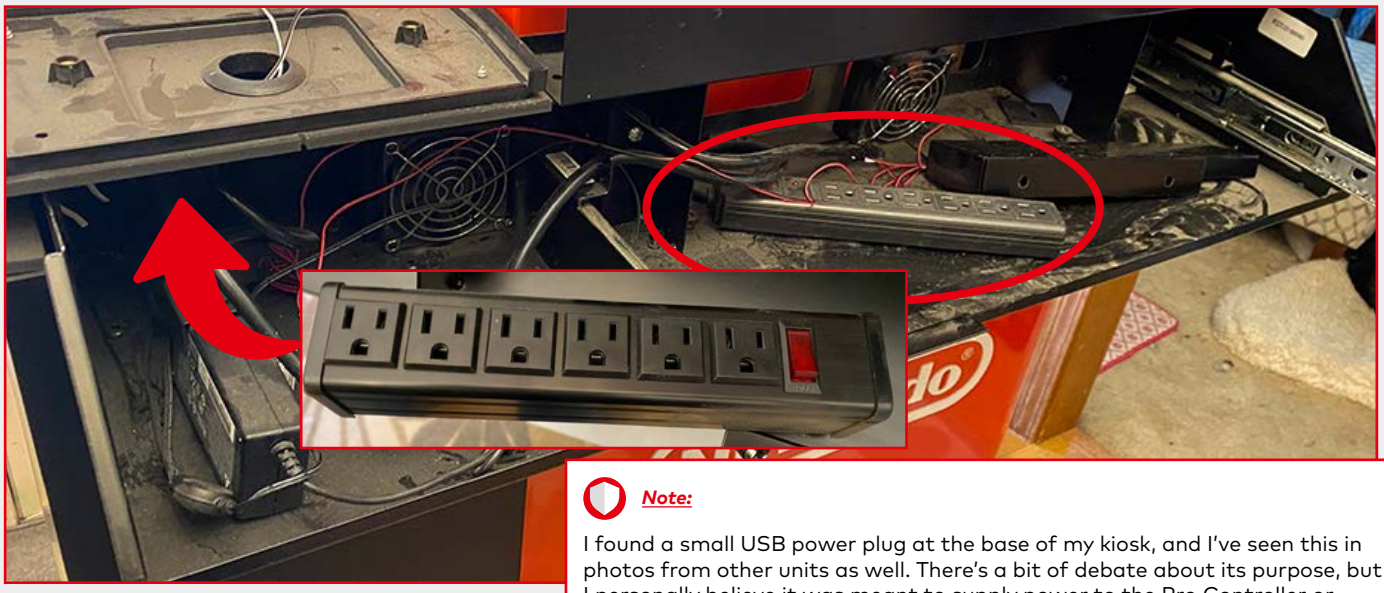
In some cases, Nintendo reps removed the Pi bracket and disconnected the unit, but left the Raspberry Pi itself inside the drawer, tucked away but no longer active.

Kiosk Power

Power Adapters

In my particular kiosk - and in several others I've seen - there are two separate power strips inside the drawer assembly:

1. ***Primary Power Strip***
   This is the main strip where the power cord exits the base of the kiosk. It's a 6-port black strip with mounting brackets, and is usually tucked behind the LED power system.
2. ***Secondary Power Strip***
   This one plugs into the main strip and acts as an extender. It's also a 6-port black strip, but without mounting brackets. In my kiosk it was simply resting loose behind the console area, not attached to anything.



Note:

I found a small USB power plug at the base of my kiosk, and I've seen this in photos from other units as well. There's a bit of debate about its purpose, but I personally believe it was meant to supply power to the Pro Controller or Joy-Con Grip, while the Joy-Cons themselves charged via the console dock.

What Plugs in Where?

Technically, you can plug things into either strip - just make sure things are secure, safe, and don't get crimped or pinched.

Here's how my kiosk was set up:

Main Power Strip

- Secondary Power Strip
- Lynx Power Supply
- Raspberry Pi (if present)

Secondary Power Strip

- Console (Switch Dock)
- The TV
- USB Power Adapter*

Additional Notes:

I won't go into detail about the internal fan system or LED lighting here, since I've already covered those extensively in the separate LED & Fan Repair/Replace Guide. Be sure to check that guide out!

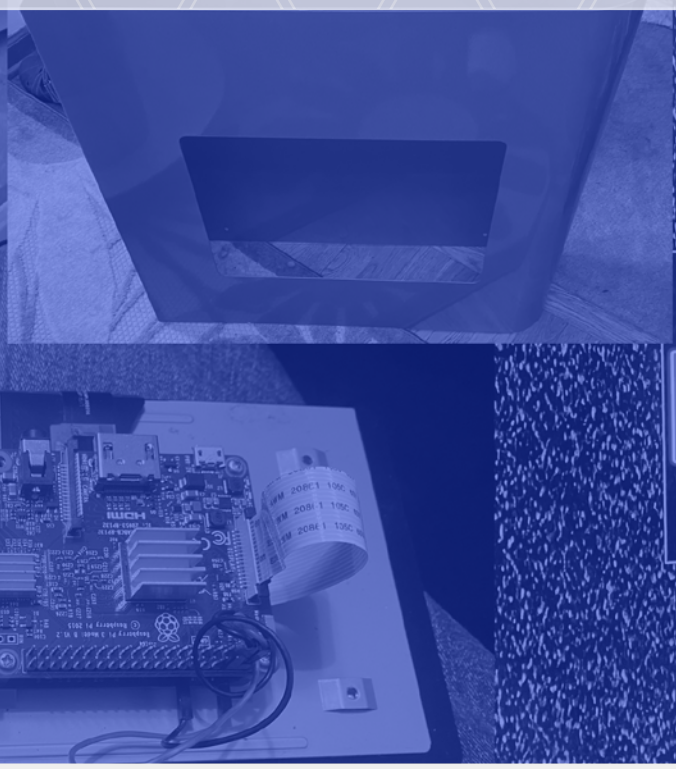
KIOSK
COMMON PARTS

Section 03
Drawer Components

The unofficial

SWITCH KIOSK

Guide



Section 03

Drawer Components

Raspberry Pi

The Pi

Finding accurate information about the Raspberry Pi used in these kiosks used to be a lot easier, but over time, much of that info has become harder to track down.

Purpose

The role of the Raspberry Pi evolved over the lifetime of the kiosk. Early on, the Pi was responsible for playing Nintendo ads—both game trailers and console promotions—on the built-in display, while the actual Switch console output went to the main TV.

During COVID, things shifted: some kiosks had their consoles and controllers either covered or removed entirely. In those cases, the Pi often took over and displayed content directly on the main TV instead.

Eventually, many kiosks had their Pis removed altogether, and newer units shipped without them entirely.

> ***Warning:***
>
> As mentioned in the disclaimer at the beginning of this guide, the Pi's software will not be covered here. It runs proprietary Nintendo media, and at one point, the demand for bootlegs and console demo images drew enough attention from Nintendo to shut that talk down. We're keeping this focused strictly on hardware.

Hardware Overview

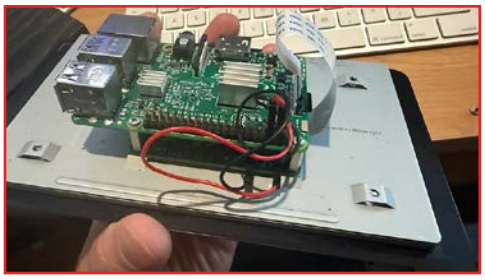
Most kiosks that included a Raspberry Pi seem to have shipped with:

- Raspberry Pi 3 Model B
- Case: OneNineDesign Enclosure (Model: OND-1900074-21)
  - Specifically designed to hold the official 7" touchscreen display
- Pi 7" touchscreen display
- Perimeter Felt Pad: A thin felt lining around the touchscreen
  - Helps protect against scratches while mounted inside the bracket
- Rear Rubber Pads: Two small rubber pads on the back
  - Provide cushioning and support where the bracket screws hold the case in place

> ***Note:***
>
> The OneNineDesign case has become increasingly rare in recent years, but with some patience, it's still possible to find the case and touchscreen through second-hand and foreign markets.

Raspberry Pi - Component Breakdown

Raspberry Pi 3b



Most kiosks used a Raspberry Pi 3B or 3B+, paired with the standard 7" Raspberry Pi Touch Screen.

Pi 7" Screen Case

OneNineDesign Enclosure
Model: OND-1900074-21

Self Adhesive Felt Sheet

Picked up a 5-pack of self-adhesive felt sheets. From what I've seen in reference photos, the original Pi Screens used felt around the edges to protect against contact with the metal bracket.

In my case, I opted to attach the felt directly to the bracket instead of the screen.

Rubber Pads

One of those small details most folks overlook, if you've seen photos of the Pi case from a Switch Kiosk, you'll notice two small rubber pads. They're positioned right where the bracket screws tighten down, helping protect the case. Just make sure not to overtighten.

Pi Bracket

Raspberry Pi Bracket

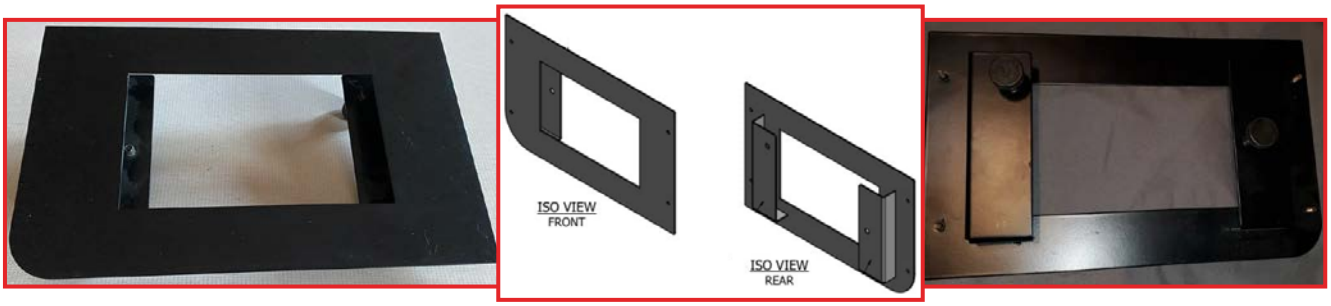
These brackets were custom-made specifically for the Nintendo Switch kiosk. While the size of the kiosk's pull-out drawer may vary slightly between versions, the Pi bracket itself is universal—designed to fit all drawer variants.

The bracket mounts to the far-left side of the pull-out drawer, secured by four threaded nuts that attach to fixed bolts pre-welded into the bracket.

Once installed, the Pi case is held in place using two twist-lock bolts. These bolts press gently against the rear rubber pads on the Pi case, keeping it snugly secured without the need for additional fasteners.

Worth Noting:

Several community members have begun making duplicate brackets, some of which are 3D-printable or laser-cut. Keep an eye on kiosk groups and modding forums for shared files or sourcing leads.



Additional Notes:

The OEM kiosk bracket appears to be designed to fit the OneNineDesign case utilizing the included twist bolts. Other Pi cases may not fit securely without modification.

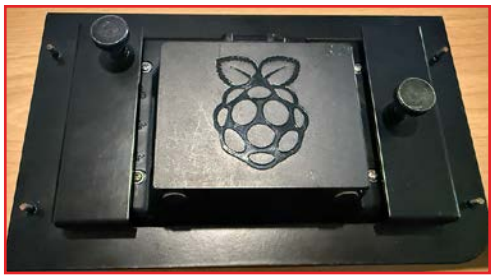
Pi Bracket - Component Breakdown

Nintendo's Custom Pi Bracket




Self Adhesive Felt Sheet

I chose to attach the felt directly to the bracket instead of the Pi screen. This shot shows part of the installation process. I also added extra padding to the bottom, where the Pi case rests, and along the inner sides of the bracket to help prevent any scratching or scuffing during use.



Pi & Pi Bracket



Raspberry Pi Speaker

The Speaker

The main purpose of this small speaker was to output audio from the Raspberry Pi unit. It's a simple USB-powered speaker with volume control on the back and a standard 1/8" (3.5mm) audio jack that connects directly to the Pi's headphone port.

This part is rarely seen on the resale market, and it's one of the more commonly missing components in stripped-down kiosks.

There's been some debate over how the speaker was powered:

- Some believe the USB power adapter found in many kiosks was meant to power the speaker.
- In my case, I was able to power the speaker directly through the Pi's USB port and saved the USB adapter to power the Pro Controller instead.

Color Variants & Model Info

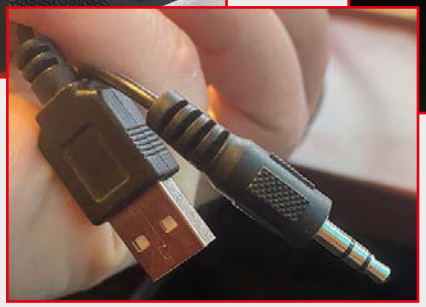
There appear to be at least two color versions of this speaker:

- A dark gray/black finish
- A cherry wood-stained version

My unit has no visible branding, but after comparing photos online, I believe it's likely an Alloet Mini Wooden Desktop Speaker (or a rebranded variant). That specific model doesn't seem to be widely available anymore, but similar designs can still be found fairly affordably online.

Tip:

If you're missing this speaker, don't stress. Any small USB-powered speaker with a 3.5mm jack should work as a functional replacement — just make sure it fits the space inside the drawer.



Drawer Pi Cover

The Cover

Some kiosks either didn't include a Raspberry Pi unit or had it removed during later use. In these setups, a thin molded plastic plate was installed in its place.

- This plate is secured with **four flat screws**, each paired with a **hand-tightened nut** on the underside of the drawer.
- If you're searching for the type of screw used, look for a:

Self Clinching Stud

In some kiosks, a **magnetic top cover** was also installed above the plastic plate. This metal piece added an extra layer of protection while preserving a clean appearance.

Note:

While this cover isn't strictly necessary to operate or own the kiosk, its purpose was to prevent direct access to the drawer's interior — especially since the magnetic covers used in many kiosks were easily removed.

Joy-Con Grip & Mount

Joy-Con Grip Configuration

Switch kiosks came equipped with one of two controller types mounted to the drawer: either a Joy-Con Grip or a Pro Controller. It's still unclear if the variation was based on retailer preference, regional distribution, or simply what Nintendo had available at the time.

Joy-Con Grip Controller

The Joy-Con Grip used in kiosks was a standard model, modified with a multi-part security bracket. This bracket was designed to physically secure the controller to prevent theft while keeping it accessible for demo use.

The security bracket consists of the following components:

- Rear Spine Bracket: A long metal piece that runs up the back of the controller, starting at the base.
- Top Loop Bracket: A small piece that wraps from the front over the top and bolts into the rear spine, securing the entire bracket assembly.
- Cable Lock Plate: A piece mounted on top, which clamps the security cable in place.
- Security Cable: Threaded through the lock plate to anchor the controller.
- Bracket Screws: Used to fasten the cable and components securely to the mounting plate.

Joy-Con Grip Mount

The Joy-Con Grip mount is mostly consistent across kiosks, with only minor differences. In some setups, the mounting plate is slightly wider, but otherwise the structure is the same.

The mount includes:

- Mounting Plate: Secures to the drawer using four thumb screw nuts.
- Plastic Controller Holder: Screws into the mounting plate with three fasteners to cradle the Joy-Con Grip securely.

What's Still Unclear

Unfortunately, I don't have this style of controller or mount in my personal collection, so some details are still missing. I've based this section on reference photos and shared info from other collectors.

> ***Note:***
> The security cable and it's specialty security screws are discussed in the "*Controller Cable & Security Screws*" section.

Joy-Con Grip & Mount - Component Breakdown

Mount and Holder

Smaller Mount

Wide Mount

Smaller Mount w/Holder

Wide Mount w/Holder

Plastic Controller Holder

Front

Rear

Security Bracket

Security Bracket Parts

Attached To Controller

Top Of Security Bracket

Security Bracket

Joy-Con Grip with Security Cable

Pro Controller & Mount

Pro Controller

Some kiosk variants came with a standard Nintendo Switch Pro Controller, secured using a unique mounting setup that differs from the Joy-Con Grip version.

Interestingly, the controller itself isn't modified, no screws go into the plastic, making it easier to swap with another OEM controller if needed.

> ***Warning:***
>
> If you're going to swap this controller out for another one, be sure that the charging port is in the same spot. Some aftermarket controllers have the port either higher or lower on the back side, and as such the security bracket and strap may not fit properly.

Mount & Holder

The mount for the Pro Controller is constructed from two metal pieces that have been welded together into a single, sturdy structure. It includes a padded section to support the back of the controller and help reduce wear.

At the top of the mount, a small square cutout houses a separate locking plate, which secures the controller's cable in place using two specialty screws.

Security Strap & Bracket

The Pro Controller is secured using a thick molded security strap and bracket assembly, fastened using proprietary screws.

- Security Strap: A flexible plastic band that wraps around the back of the controller.
- Mounting Bracket: A rigid top bracket that locks the strap down to the controller.
- Screws: These aren't your typical tamper-proof screws. They resemble Torx, but with seven unevenly spaced points. They're proprietary Nintendo fasteners that typically require a custom bit to remove.

Some collectors have managed to remove the screws with standard tools, but results vary. In my case, they wouldn't budge, even with careful coaxing.

> ***Note:***
>
> The security cable and it's specialty security screws are discussed in the "*Controller Cable & Security Screws*" section.

Pro Controller & Mount - Component Breakdown

Mount Bracket Versions

Mount Front

Wide Mount Front

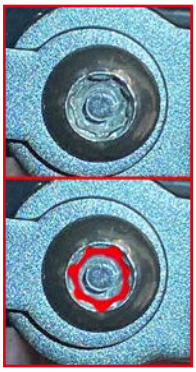
Mount Rear

Wide Mount Rear

Pro Controller with Security Cable

Security Strap & Bracket

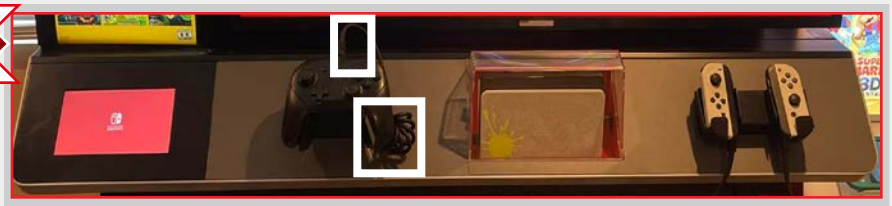
Bracket to hold the cable



Specialty screw

Security Strap

Cable & Security Screws



Security Cable

Like many demo kiosks, the Switch setup uses a power cable that also serves as a physical security tether for the controller.

Based on first-hand inspection and community research, both the Pro Controller and Joy-Con Grip configurations use the same type of cable. About halfway down the cable's length, there's a molded plastic block that contains a small metal insert with two holes, one on each side. This block is what anchors the cable securely to the mounting plate.

There are also variations of the cable that don't include the molded block. These seem to appear more often in international kiosks, possibly as region-specific substitutions.

Metal Spacer

Beneath the molded plastic block, there's a small metal spacer that plays an important role in the mounting process. It helps bridge the recessed gap in the controller plate and allows the USB plug to sit properly without obstruction.

This piece is very small and easy to lose. In my case, I discovered mine at the base of the kiosk during a full teardown, clearly dropped by someone during a prior disassembly and forgotten. If you're missing it, you'll likely have trouble mounting the cable flush with the bracket.

Security Screws

To secure the cable in place, Nintendo used specialty screws that are not your typical tamper-proof fasteners. After plenty of trial and error, here's what's been confirmed:

- They're quite small, with slightly oversized, flat rounded heads.
- The drive type is a 3-sided triangle, not Torx, not Tri-Wing, but an uncommon pattern.
- The threading is #3-48, which is rarely found in standard hardware assortments.

For my kiosk, I ended up using #3-48 x 1/2" flat-head screws, along with two small black nylon M3 washers, one per screw. The result was firm and secure, not visually the OEM setup, but it looks good.

Some collectors go with hex-head alternatives for convenience, but either way the result is a cable securily attached to the mounting bracket.

Cable & Security Screws - Component Breakdown

Security Cable

Security Cable

Security Cable, without screw mount

Molded Plastic Block

Metal Spacer

Aftermarket Security Screws

#3-48 x 1/2" w/ M3 Washers

OEM Security Screws

OEM Security Cable Screws

Molded Plastic Block Mounting

Joy-Con Grip

Pro Controller

Key Lock

Key Lock

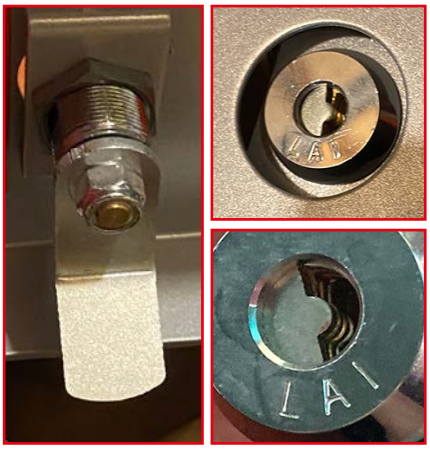
Nintendo Switch kiosks are equipped with a commercial-grade key lock, typically found on vending machines, commercial display cases, and other retail fixtures. This type of lock uses a specially shaped and cut key, with teeth on both sides of the blade, providing more security than a basic single-sided key.

Additional Notes:

I had a tough time figuring out exactly what these keys are officially called. Some refer to them as tubular, half-tubular, circular, or even just double-bitted. Honestly, no matter what I write here, someone will probably tell me I'm wrong.

On the next page, I go into more detail about the key itself, including an aftermarket blank that's the right shape and often just labeled as "circular". Hopefully, between the photos and info, you'll have enough to help track down a working replacement.

Typical lock faces are usually stamped with a code, mine was not. And/or they may includes the manufacturer name, in this case, **Lock America Inc. (LAI)**. For this kiosk, the lock mounts into the front center of the kiosk's pull-out drawer, hiding under the magnetic cover.



Tip:

I've included some rough measurements to help if you're looking for a lock replacement. A lot of folks choose to replace the entire lock assembly rather than track down the original key, especially since OEM keys can get pretty pricey.

Kiosk Keys

Kiosk Keys

The Switch Kiosk uses a commercial-grade, double-sided security key — similar to those found on retail displays and vending machines. The most common key code found on the keys, is LA69004. This style is often referred to as a vending/display security key and uses a double-bitted design (meaning teeth on both sides, not a standard single-sided house key).

If you need a replacement, key blanks are out there and can be cut to match the correct code by specialty locksmiths or online services.

Example source for blanks: KeyBlankDepot - JMA16

https://www.keyblankdepot.com/product_p/jma16.htm

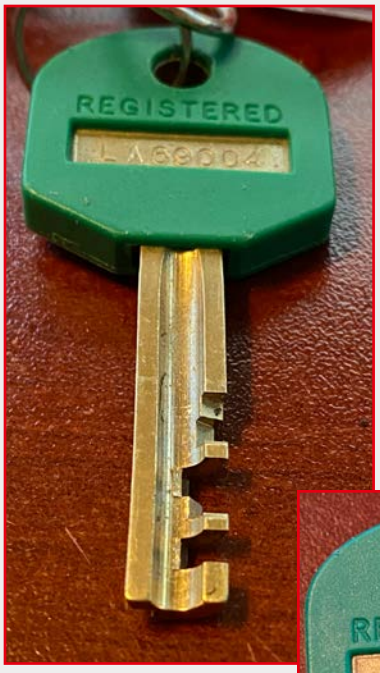
(This was suggested by a collector, but I can't confirm this is an exact match fit)

Warning:

Some online sellers list uncut blanks (meaning they have no actual grooves or cuts yet) — be sure you're buying a pre-cut key that matches your specific code (LA69004), or plan to have the blank cut by a locksmith. Always double-check the listing details!

Additional Notes:

- Wii U kiosks from the previous generation also used the same key — many Switch kiosks reused the same lock hardware.
- A few collectors have reported that their Switch kiosks used a different cut despite the lock looking identical.
- Because of this, there may be two different key codes floating around for Switch kiosks — though so far, LA69004 seems to be the most common.
- There have also been reports of some keys and locks working, but the key needs to be either "jiggled" or pulled out just slightly. If your key doesn't turn, try a combination of adjustments to be sure. Just be careful and dont force it.



Console Dock Holder

Console Dock Holder

The Switch kiosk dock holder is a multi-part assembly designed to secure the console and dock in place for demo use. It comes in two known variations, and includes a mix of brackets and mounting hardware—some of which are easy to overlook or lose.

Version Differences

There are two main versions of the dock holder. The core structure is the same, but Version 2 includes extra clips to support the wider OLED model docks.

- Version 1: Standard version — no side clips or bracket slots.
- Version 2: Includes side base brackets that slot into the main frame to hold OLED docks more securely.

Worth Noting:

A quick visual check:

- If the main base has slots on the side, it's Version 2.
- If it's solid with no bracket clips, it's Version 1.

Parts Breakdown

Main Components

- **Main Base Bracket:** The primary piece the dock rests on.
- **Rear Cover Panel:** Red piece with a large cutout for cable access.
- **Console Stabilizer:** A black bracket that attaches to the rear cover to hold the console firmly in place.

Bracket Attachments

- **Rear Dock Support Bracket:** Helps stabilize the back of the dock.
- **Side Brackets (V2 only):** Two add-on clips that support the base of OLED docks.

Hardware:

- Uses multiple **thumb screw style nuts** to fasten the assembly securely together.

Worth Noting

While not the most complex kiosk component, the dock holder can be confusing due to its many detachable pieces—and it's common to see partial sets listed online.

Tip:

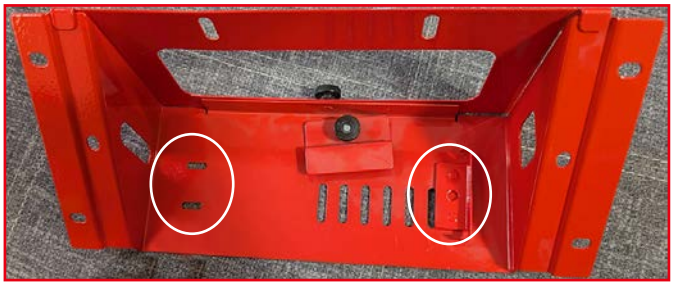
If you're buying one secondhand, double-check that all parts are included, especially the stabilizer and any rear/side brackets.

Console Dock Holder - Component Breakdown

Console Dock Holder

Versions

Version 1 - Standard Switch Dock



Version 2 - OLED Dock Compatible

Parts

Rear Cover Panel

Console Stabilizer

Version 2 Side Brackets

Rear Dock Support Bracket

M5x0.8 knurled thumb nuts

Rear / Underside

Acrylic Console Cover

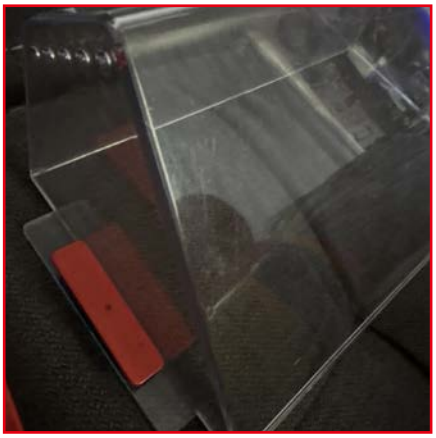
Acrylic Console Cover

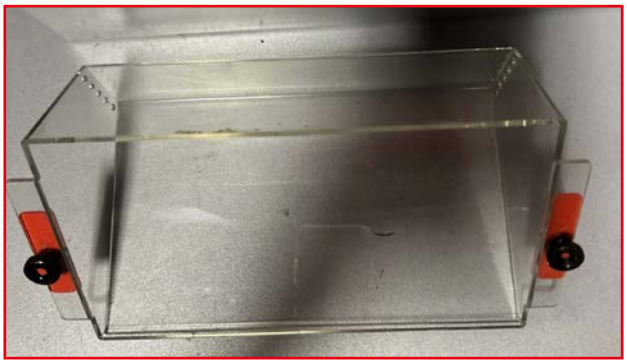
The console cover is currently one of the hardest parts to source. While there's strong interest in the community to create reproductions, no confirmed duplicates exist at the time of this writing.

Interestingly, even though the pull-out drawer sizes vary slightly between kiosk versions, this cover appears to be universal across all of them.

Each cover is held in place by two flat side clips, one on each end. Each clip is secured with a screw that passes through the bottom and is fastened with a nut from underneath the drawer.

> ***Tip:***
>
> Be careful not to overtighten the screws when reinstalling - the cover material could be prone to cracking, especially if it's original or has aged.





Demo Console & Dock

The Dock

From what I've seen and heard, the dock used in these kiosks is just a standard retail Nintendo Switch dock. The only real "complaints" come from the minor differences between the original and OLED versions:

- The OLED dock has only one USB port (compared to two on the original)
- It includes a built-in Ethernet port, though most kiosk setups don't use it

These differences don't impact functionality in a kiosk context. And even though there are two versions of the dock holder, collectors rarely let that stop them from using whichever dock version they have.

Demo Console

As mentioned earlier in this guide, I won't be diving into the software side, but there are a few internal and software-level differences between a demo console and a standard retail unit. Here's why that topic isn't often discussed in collector groups:

With the release of the Switch 2, most original demo kiosks have now been decommissioned. Many of the demo consoles were intended to be destroyed by reps, though quite a few still made it into collector hands.

These demo units ran proprietary Nintendo software designed specifically for in-store use. This typically included game demos and promotional material. From what I understand (and I could be a little off), the systems could auto-update when connected to the internet, occasionally pulling in new demos as titles were announced.

That became a big deal when collectors realized they could access unreleased content ahead of launch. Interest spiked, and unfortunately, so did piracy discussions. People began asking how to extract the demo software or replicate the updates on retail systems.

That's around when Nintendo began shutting down online groups and discussions about the topic. It coincided with their broader crackdown on piracy at the time.

> ***Note:***
>
> There are still a good number of demo consoles out there. But if you're looking for info on how to run them, modify them, or replicate the software - I won't be covering that in these guides. You'll need to look elsewhere for that kind of information.

Joy-Cons & Mount

Joy-Con Cables

The Joy-Con cables used in the kiosk are a bit different from standard security cables. Each Joy-Con (left and right) has its own cable, custom-fitted to the curve and profile of either the left or right Joy-Con. One end of the cable terminates in a USB connector, while the other connects directly to the Joy-Con using a molded adapter.

These cables are locked into place using a small, specialized plate that holds them down tightly, making it nearly impossible to pull the Joy-Cons out without disassembly. Each cable also includes a small ***Tri-Tip security screw*** that threads into the Joy-Con itself, further locking it in place.

> ***Note:***
>
> The screw is a very small **Tri-Tip screw**. While it's secured into the connector, it can still work loose over time and is very easy to lose.

Joy-Cons

The Joy-Cons used in these kiosks are nothing fancy, they're standard retail models similar to what you'd find in any console bundle. The main difference is that they include a slot to accommodate the security screw used in kiosk cables.

However, it's important to note: Joy-Cons are not required to use these cables. The screw simply adds security. Many cables found online are sold without the matching Joy-Cons, and even when Joy-Cons are included, they often show wear or suffer from drift issues, especially on older models. For that reason, some collectors opt to install newer Joy-Cons instead.

Joy-Con Mount Assembly

The Joy-Con Mount Assembly consists of several parts:

- **Base Plate:** Comes in two versions — a wider format and a slimmer version, depending on kiosk model.
- **Cable Anchor Plate:** This is the angled bracket on the underside of the base that the security cable gets clamped to.
- **Cable Anchor Bracket:** This is the piece that's fastened to the threaded post with a thumbscrew to hold the cable in place.
- **Mounting Bracket:** A rectangular piece of metal that stands about an inch off the drawer's surface.
- **Plastic Holders:** Two molded plastic brackets that hold each Joy-Con in place.

On the back of the base plate, there's an angled metal support with a screw post. This works in tandem with a removable plate and clamp that tightens down using a thumbscrew. It's designed to help lock the security cables in place and prevent users from yanking the controllers free, protecting both the unit and the cables from damage.

Joy-Cons & Mount - Component Breakdown

Joy-Con Cables

Cables in their packaging

Cables in their packaging

Moulded Adapter

Security Screw

Mount Assembly

Wide Base

Smaller Base

Mounting Bracket and Base Plate

Base of Mounting Bracket

Parts

Cable Anchor Plate, Bracket, & Thumbscrew

Assembled

Drawer Covers

Drawer Covers

Throughout the run of the Switch Kiosks, several different covers were used over the drawer section.

The primary purpose of these covers was to conceal exposed mounting points, metal base plates, and the key lock. Some covers were made of cardboard and used to hide various components onthe drawer, while most were made from very thin, somewhat flimsy plastic with magnetic strips attached to the back for easy placement and removal.

Magnetic Covers

The magnetic covers used on Nintendo Switch kiosks have become one of the harder parts to find — largely because they were easily removed by store staff or simply lost over time. To make things more complicated, there are multiple versions and sizes depending on the kiosk model and layout.t

The most common magnetic cover sets came in two pieces:

1. One piece covered the Joy-Con and console section
2. A second piece extended from the console to the Pro Controller (or Joy-Con Grip) section and ended at either:
    - The Raspberry Pi area (if present), or
    - All the way to the edge of the drawer (if no Pi was installed)
3. There was at least one magnetic cover made to fit over the Pi Bracket with an ad for the Labo game, while leaving the Pi screen visible.

Additional magnetic covers were sometimes used to conceal areas where components weren't installed, this was more common in early kiosk releases.

Other Covers

During the COVID era, some kiosks featured large, custom-built display "boxes" that covered the controller areas entirely to discourage customers from touching the controllers out of health and safety concerns.

Cover Sizing Notes

For magnetic covers, height was generally consistent across kiosk models. However, width varied based on drawer size differences between versions.

Fun Fact:

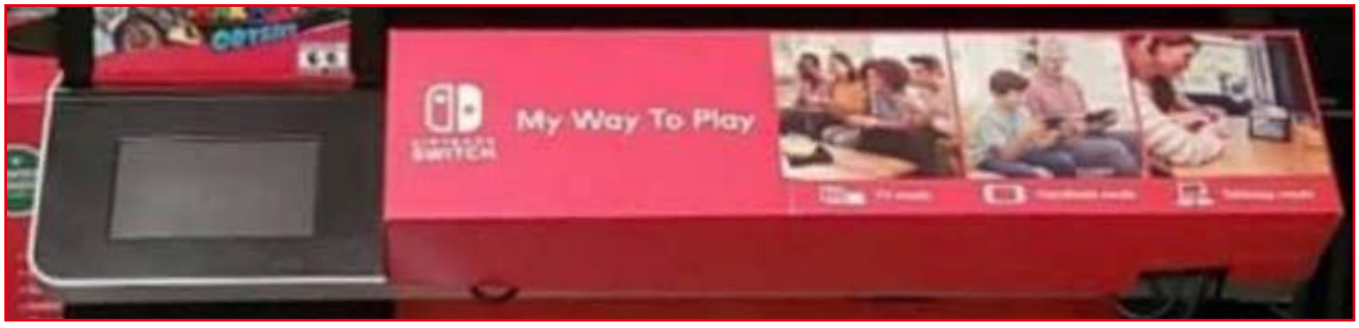
A few community members have started creating reproduction covers, so with a bit of searching or networking in collector groups, it's possible to find replacements... or even commission a custom one.

Drawer Covers - Common Variations

Version 1 - *"Non Interactive" Version. Some units were originally shipped without a console and controllers but ran ads and demos off the Pi*

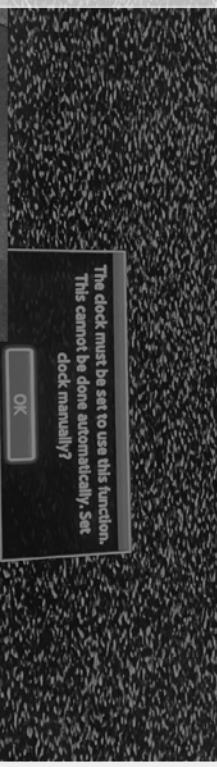
Version 2 - *Featuring a Pi, Joy-Con Grip, Console and Joy-Cons*

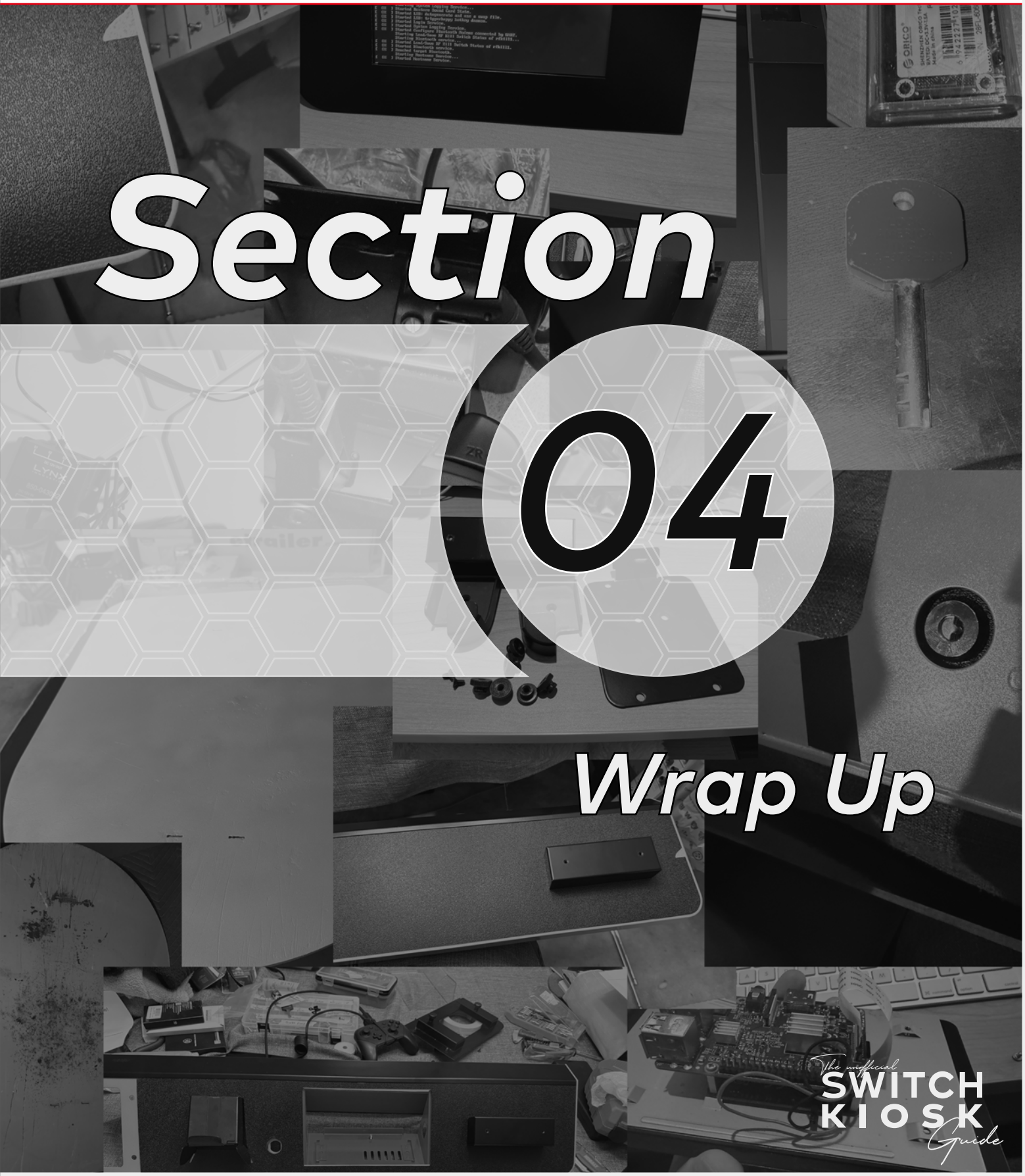
Version 3 - *A cover utilized during Covid to discourage contact by customers*



Version 4 - *Often seen in the newer released Kiosks, this saw a return of some components without the Pi*

The unofficial SWITCH KIOSK Guide





Section 04

Wrap Up

The End?

Congratulations, You're Done! What's Next...?

Nice work making it to the end of this guide!

As with all of my guides, I've done my best to share what I know, whether it's firsthand knowledge or things I've read or heard from trusted sources. That said, there's always room for improvement. I might miss something or get a detail wrong, and I'm always open to feedback and corrections.

Hopefully this guide helped you identify any parts you're missing, and gave you a better shot at finding them in good condition and at a fair price.

Got questions, comments, or want to share your progress? Reach out - I'm always happy to help!

Back Catalogue

Looking for more of my guides? Check out the ones already completed!

Translite Edition

Translite Box
Screw Post Repair

Kiosk LED & Fan
Repair / Replace

Coming Soon

Translite Box
Measurements
Summer 2025

Kiosk Rebuild
Summer 2025

OG Xbox
Summer 2025

PS4 Teardown
Summer 2025

TBD

TBD

TBD

Common Parts Edition

The unofficial SWITCH KIOSK Guide