

FIELD MANUAL · VOLUME 07

Flush-Mount. Finish Hardware. Standards.

Trufig pre-wall + Lutron Palladiom keypads for
luxury residential construction. Pre-wall is finish.

PREPARED FOR

Lighting Designers · Electricians · Drywallers · Millworkers · GCs · Owner's Reps

CONTACT

Restrepo Innovations
Franklin Lakes, NJ · mike@restrepoinnovations.com
restrepoinnovations.com · Phone on file with PM

PARTNER

Island Media Systems
Audio · Video · Network · Lighting · Shades
One team. One standard. One execution.



MORE · RESTREPOINNOVATIONS.COM

MANIFESTO

The wall is the bezel. Spec it at framing.

Flush-mount finish hardware is the most photographed surface in a luxury residence. Keypads, outlets, AV plates, thermostats, and invisible speakers are not trim — they are architecture. Either the wall reads as one continuous plane and the device disappears into it, or the device reads as a sticker on a wall. There is no middle ground at this price point. This manual is the working standard for every flush-mount installation Restrepo Innovations and Island Media Systems deliver. It is written for the framer who sets the box, for the rocker who hangs to the bezel, for the plasterer who skims to the reference line, and for the technician who lands the device.

Hybrid by design: Trufig gypsum and solid-surface platforms for the pre-wall mounting layer, Lutron Palladiom for keypads and thermostats where the program calls for an engineered flush bezel, Trufig'd Lutron QSX or HomeWorks where the architecture overrides Palladiom, and Trufig VX/VXQ platforms behind Sonance or Stealth invisible speakers. Wall-Smart and Forbes & Lomax are approved as specifier-driven alternates. Every device, every plate, every grille answers to the same pre-wall and tolerance discipline.

HOW TO USE THIS MANUAL

Sections are numbered §01–§13. Each section opens with a kicker, explains the operating principle, lists the standards, and ends with field rules and inspection callouts. Cross-trade boundaries — framer, electrician, drywaller, plasterer, painter, AV — are called out explicitly, because flush-mount work crosses every trade in the house. The QC gate at the back of the manual matches the gate on the one-page reference card.

CALLOUT LEGEND

FIELD RULE	A non-negotiable rule applied on site, every job.
BEST PRACTICE	Restrepo standard above code minimum. Default unless waived in writing.
DO NOT	Defects we refuse to ship. Pull and rework, no exceptions.
INSPECTION	What the lighting designer, AV designer, or owner's rep checks at QC.
NOTE	Context, citation, or product clarification.
SPECIFICATION	A number, tolerance, or model that must be matched exactly.

CONTENTS

Table of Contents

Five parts, thirteen sections, one QC gate. Linked to bookmarks in this PDF.

01	Operating Principles	p. 6
02	Approved Platforms — Restrepo Baseline	p. 8
03	Without Written Direction — Do Not Default	p. 10
04	Trufig Pre-Wall Discipline	p. 13
05	Outlets, USB-C & Data	p. 14
06	Box Depth & Service Loop	p. 15
07	Lutron Palladiom Keypads & Thermostats	p. 18
08	AV Plates & Brushpass	p. 19
09	Invisible Speakers — Sonance & Stealth	p. 20
10	Drywall, Plaster & Painter Coordination	p. 23
11	Mock-Up Discipline	p. 25
12	Commissioning & Closeout	p. 28
13	Specifier-Driven Alternates	p. 29



PART 1

Operating Principles

Sections 01–03 — pre-wall mindset, baseline, and what we refuse

INNOVATIONS - restrepoinnovations.com -

§ 01

Operating Principles

PRE-WALL IS A FRAMING-STAGE DECISION

Flush-mount finish hardware is finish, not device work. Every decision flows from that. The wall — gypsum, plaster, or solid surface — is the bezel. The Trufig platform is the substrate. The device is what the eye does not see. If any one of those three is wrong, the other two cannot recover the result. The Restrepo standard locks the platform and box at framing, the cutout and tolerance at rough-in, and the device, plate, and grille at finish. Nothing past framing is improvised in the field.

Trufig is not a retrofit product. The mounting platform must be set in the wall before the rock goes up. There is no after-the-fact Trufig conversion of an existing single-gang box, and any vendor or subcontractor proposing one is misreading the system. Pre-wall is the standard. The wall is the bezel; the bezel is set at framing.

The five principles

- Flush is finish. Treat the device like millwork, not like wire.
- Spec the platform before the rock. Pre-wall is a framing-stage decision.
- Boxes are set to the platform's reference plane — not to the stud face.
- Drywall returns to the platform reveal line. Plaster skims to the manufacturer's reference, never over the bezel.
- Bezels and grilles are installed last, after final paint cure. No exceptions.

FIELD RULE

FIELD RULE — One wall plane, one device identity

If a guest can see two flush-mount devices on the same wall, they must read as the same family. Same platform vendor, same finish, same fastener line, same plate proportion. Mixing Trufig'd QSX and Palladiom in the same eyeline is a defect.

Why upstream decisions own downstream defects

By the time a flush-mount defect shows up, the cause is almost always weeks earlier. A bezel that proud-shadows the wall: the box depth was set to the stud, not to the platform reference. A keypad that floats off-axis: the gang was rotated 1/16 inch and the drywall returned to the box, not to the bezel. A grille that reads as a square on a smooth wall: the platform was installed correctly but the painter rolled over the diffusion line. The fix is not better field carpentry — it is better upstream discipline. This manual is that discipline written down.



BEST PRACTICE**BEST PRACTICE — Mock up before you commit**

On any unique pre-wall condition — a stone or wood-veneer wall, an invisible-speaker grille on a vaulted ceiling, a multi-gang Palladium in a curved corridor — install one full bezel and grille assembly on a sample panel before production. Hand it to the lighting designer or AV designer at rough-in, not at trim-out. The cost of a sample is hours; the cost of pulling drywall after paint is days.

§ 02

Approved Platforms — Restrepo Baseline

TRUFIG PRE-WALL, PALLADIOM KEYPADS, VX/VXQ FOR INVISIBLE SPEAKERS

The Restrepo baseline is hybrid by design: Trufig owns the pre-wall mounting layer; Lutron Palladiom is the default keypad and thermostat where engineered flush is in the program; Trufig'd Lutron QSX or HomeWorks is the alternate when the architecture calls for it; Trufig VX/VXQ platforms carry Sonance or Stealth invisible speakers. Plates, grilles, and bezels are approved only when they hold this stack together under one tolerance discipline.

Pre-wall mounting layer

Trufig gypsum mounting platforms are the residential default for drywall walls; Trufig solid-surface platforms are the default for stone, wood-veneer, and millwork walls. Both are set in the wall before the rock goes up. The platform's reference plane defines the bezel plane; everything else — box depth, drywall return, plaster line — answers to that reference, not to the stud.

Keypad & thermostat layer

Lutron Palladiom is the default keypad and thermostat where the lighting plan calls for engineered flush. Palladiom is factory-flush — the bezel is part of the device, not a separate Trufig insert. Where the architecture overrides Palladiom (a specific finish, a tactile preference, a multi-gang condition Palladiom does not serve), Trufig'd Lutron QSX or HomeWorks is the approved alternate, mounted in a Trufig 1-gang gypsum or solid-surface platform.

AV pass-through & power

Trufig does not publish a proprietary AV plate. Behind a Trufig Decora fascia we install a Leviton 41075-DBW brushpass for low-voltage AV pass-through. Power outlets land in a Trufig Decora fascia over a standard duplex or USB-C receptacle. Data jacks land behind the same fascia family, on a Leviton or Lutron keystone insert.

Invisible speakers

Sonance Invisible Series (IS6, IS8, IS10) and Stealth Acoustics (LR224, LR116, LR8G) are the approved invisible-speaker platforms. Both ride a Trufig VX or VXQ gypsum mounting platform on the pre-rock side, then receive the same skim coat as the surrounding wall. Grilles are pre-skim or post-skim per manufacturer spec; either way the painter does not see the speaker as a discrete object.



SPECIFICATION**SPECIFICATION — Approved baseline**

Pre-wall: Trufig 1-gang gypsum or solid-surface platform. Keypads/thermostats: Lutron Palladiom (engineered flush) or Trufig'd Lutron QSX/HomeWorks. AV pass-through: Leviton 41075-DBW brushpass behind Trufig Decora fascia. Invisible speakers: Sonance IS6/8/10 or Stealth LR224/116/8G on Trufig VX/VXQ. All platforms set pre-rock. Bezels and grilles after paint cure.

§ 03

Without Written Direction — Do Not Default

DEFECTS WE REFUSE TO SHIP

These are not preferences. These are field rules every Restrepo and Island Media crew refuses to break, on any project, regardless of trade pressure or schedule. Every item below is a defect we have seen on someone else's job and inherited the cost of.

- Retrofit Trufig — installing the platform after drywall is up. The system is pre-wall by design.
- Setting the box to the stud face instead of to the Trufig reference plane.
- Drywall returning over the platform reveal line. Drywall returns to the bezel line, not over it.
- Plaster lapped over the bezel reveal. Plaster skims to the manufacturer reference, no further.
- Painter rolling the wall before bezel masking is in place.
- Installing bezels or grilles before paint has cured. Minimum 14 days after final paint before grille install.
- Mixing platform vendors on the same wall plane (Trufig + Wall-Smart + Forbes & Lomax in one eyeline).
- Substituting a different keypad or plate finish without written direction from the lighting or AV designer.

DO NOT

DO NOT — BX/MC into a flush-mount wall without written direction

Running BX or MC to a flush-mount device location does not, by itself, violate code. It violates Restrepo standard because the cable jacket telegraphs through Trufig and Palladiom platforms over time, and the platform tolerance does not survive the bend radius of armored cable. If a project genuinely requires it, get it in writing from the electrician of record, the lighting designer, and the GC before rough-in. Default is no.





PART 2

Pre-Wall & Bezel

Sections 04-06 — Trufig pre-wall, outlets, USB & data

INNOVATIONS - restrepoinnovations.com

§ 04

Trufig Pre-Wall Discipline

PLATFORM SET PRE-ROCK, REFERENCE PLANE DRIVES BOX DEPTH

Trufig is a system, not a part. The gypsum or solid-surface mounting platform is set in the framing before drywall is hung. The platform's reference plane — the surface the bezel will sit flush to — is the only plane that matters. Stud face is irrelevant. Box depth, fastener length, and drywall return all answer to the Trufig reference, every time.

Setting the platform

- Platform vendor and platform type confirmed at framing — gypsum for drywall walls, solid-surface for stone/wood-veneer walls.
- Platform set to the finished-wall plane, accounting for drywall thickness plus skim coat, plaster, or veneer adhesive.
- Backing block in framing where the platform calls for one. No drywall-only fasteners on any flush-mount platform.
- Box depth set to the platform reference, not to the stud face. Re-shim the box if a stud rotation pushes it past tolerance.
- Cutout dimensions verified against the manufacturer dimension sheet before drywall delivery.
- Photo log every platform location before drywall covers it. The next service tech will need that log.

FIELD RULE

FIELD RULE — Reference plane tolerance

Stand at the platform location with a 4-foot straightedge before drywall is hung. The platform reference plane should sit within 1/32 inch of the finished-wall plane along the straightedge. If it drifts past 1/32, fix it now. After paint, the variation is permanent.

Coordination with electrician

The electrician of record sets the box; the AV/lighting team owns the platform. The two trades walk every flush-mount location together at framing — never as separate sign-offs. The box depth is shimmed to the Trufig reference; the platform is fastened through the framing the manufacturer specifies, not through the drywall return.



§ 05

Outlets, USB-C & Data

DECORA FASCIA OVER STANDARD RECEPTACLES

Power, USB-C, and data jacks ride the Trufig Decora fascia over standard 1-gang or multi-gang Decora-format devices. There is no proprietary Trufig outlet — the design discipline is the bezel, not the receptacle. The receptacle itself is a standard hospital- or commercial-grade duplex on the residential interior, a USB-C fast-charge module where specified, and a Leviton or Lutron keystone for data.

Outlet standards

- Receptacle: hospital- or commercial-grade duplex; USB-C PD module where the lighting plan or AV plan specifies.
- Fascia: Trufig Decora 1-gang or multi-gang in the architectural finish.
- Decora device color matched to the fascia where the bezel reveals any device edge.
- GFCI/AFCI requirements met per NEC at the panel, not at the device, where the architecture wants a clean fascia.
- Tamper-resistant where required by code on a residential interior.

USB-C and AV pass-through

USB-C fast-charge modules are USB-IF certified PD 3.0 minimum, matched to the architectural Decora finish, and labeled at the panel with circuit and load. AV pass-through behind a Trufig Decora fascia is a Leviton 41075-DBW brushpass — a 1-gang Decora-format brush plate that conceals HDMI, fiber, or speaker wire pass-through behind the fascia. The brushpass is the only part of the AV plate stack that is visible if the cable is removed.

SPECIFICATION

SPECIFICATION — Outlet & AV stack

Decora fascia: Trufig 1-gang or multi-gang in finish. Receptacle: hospital/commercial-grade duplex or USB-C PD 3.0 module. AV pass-through: Leviton 41075-DBW brushpass behind Trufig Decora fascia. Data: Leviton or Lutron keystone insert behind matching fascia.

§ 06

Box Depth & Service Loop

SET TO THE PLATFORM, NOT TO THE STUD

Box depth is the single most-common defect we inherit from other trades. The electrician sets the box at the stud; the platform sits 3/8 to 5/8 inch off the stud face; the bezel proud-shadows the wall by exactly that distance. The Restrepo discipline is simple: the box is shimmed to the Trufig reference plane, every time.

- Box depth verified against the platform reference at rough-in — before drywall.
- Service loop: 6 inches minimum on every conductor at every flush-mount device location.
- Strain relief at every cable entry into the box. No bare conductors riding on a box edge.
- Polarity verified at every connector before final closure.
- Splice locations documented on the as-built. No hidden splices behind a flush-mount fascia.
- Where conductor counts push the box past fill capacity, upsize the box at framing — not by trimming insulation in the field.

INSPECTION STANDARD

INSPECTION — Box depth at rough-in

Lighting/AV designer or owner's rep walks every flush-mount box with a depth gauge before drywall delivery. Boxes within 1/32 of the platform reference pass; anything outside is shimmed before drywall arrives, not after.



PART 3

Devices & Plates

Sections 07–09 — keypads, AV plates, thermostats, speakers

INNOVATIONS - restrepoinnovations.com

§ 07

Lutron Palladiom Keypads & Thermostats

ENGINEERED FLUSH — NO TRUFIG SLEEVE REQUIRED

Palladiom is factory-flush. The bezel is part of the device, machined to a 0.5 mm reveal off the device face, and there is no Trufig insert behind a Palladiom keypad or thermostat. Palladiom is the Restrepo default for any project where the lighting plan or HVAC plan calls for an engineered-flush keypad or stat — and where Palladiom is specified, no Trufig sleeve gets ordered for that location.

Palladiom keypads (HomeWorks & QS)

Palladiom keypads are available on HomeWorks (Doc 369881) and QS (Doc 369857). Both ride a 1-gang or multi-gang Lutron-supplied back-box; both are programmed via the standard HomeWorks or QS tools. The keypad face is metal, anodized to one of Lutron's Palladiom finishes. Multi-gang Palladiom is a single rectangular bezel, not a stack of single-gang plates, which is why multi-gang geometry has to be confirmed against architectural elevations at framing.

Palladiom QS thermostat

The Palladiom QS thermostat (Doc 369861) is the default flush-mount thermostat on a Restrepo job. It rides the same 1-gang back-box discipline as the keypads, integrates with the Lutron HVAC layer, and reports occupancy and setpoint to the system processor. Where the HVAC contractor specifies a different stat, Wall-Smart's Palladiom-thermostat plate (10-04-656) is the approved alternate for converting another thermostat brand to a flush bezel.

SPECIFICATION

SPECIFICATION — Palladiom

Keypads: Lutron Palladiom HomeWorks (Doc 369881) or QS (Doc 369857). Thermostat: Lutron Palladiom QS Thermostat (Doc 369861). Back-box: Lutron-supplied 1-gang or multi-gang. Finish: Palladiom architectural anodized finish, confirmed against architectural elevations at framing.

When Palladiom is not the answer

Palladiom does not serve every architectural condition. Curved walls, extreme multi-gang counts, certain custom anodized finishes, and tactile preferences from the owner can override Palladiom. In those cases the alternate is a Trufig'd Lutron QSX or HomeWorks keypad in a Trufig 1-gang gypsum or solid-surface platform. The Trufig route produces a flush bezel from a non-Palladiom Lutron keypad — same tolerance discipline, different finish family.



§ 08

AV Plates & Brushpass

LEVITON 41075-DBW BEHIND TRUFIG DECORA FASCIA

Trufig does not manufacture a proprietary AV plate. The Restrepo AV pass-through standard is therefore architectural: a Leviton 41075-DBW brushpass — a 1-gang Decora-format brush plate — sits behind a Trufig Decora fascia in the architectural finish. The brushpass conceals HDMI, fiber, speaker wire, or any other low-voltage cable that needs to enter or exit the wall.

Why brushpass over grommet or open-back

An open-back plate reveals raw insulation and dust to the eye when the cable is pulled. A grommet is rigid and tears against the cable jacket on the second or third reseal. A brushpass — dense nylon brush in a Decora aperture — closes around the cable, passes any reasonable connector body, and recovers when the cable is removed. It is the only AV plate that survives a luxury client's twenty-year reseal cycle without showing wear.

- AV pass-through plate: Leviton 41075-DBW (1-gang Decora brush) behind Trufig Decora fascia.
- Conductor strain relief inside the box, never at the plate.
- HDMI: locking connectors only at any flush-mount AV location.
- Fiber: protected with a service loop and a labeled break-out tag inside the box.
- Speaker wire: terminated to a banana or spade at the box, never bare-end at the plate.

NOTE

NOTE — Trufig has no proprietary AV plate

If a vendor or subcontractor proposes 'a Trufig AV plate', they are naming a part that does not exist in the Trufig catalog. The Restrepo standard is Trufig Decora fascia + Leviton 41075-DBW brushpass. Any alternate requires written direction from the AV designer.



§ 09

Invisible Speakers — Sonance & Stealth

VX/VXQ PLATFORM, SKIM-COAT TO WALL, GRILLE AFTER CURE

Invisible speakers are the highest-tolerance flush-mount install in a luxury residence. The driver is mounted in the wall before drywall; the grille — a perforated metal or microperf grille designed to be skimmed — is set flush with the platform; the plasterer or drywall finisher then skims over the grille per the manufacturer's coating spec. Done correctly, the speaker is audible and invisible.

Sonance Invisible Series

Sonance Invisible IS6, IS8, and IS10 (Doc 071138) are the approved Sonance platforms. The driver mounts to a Trufig VX or VXQ gypsum platform on the pre-rock side; the grille comes pre-mudded from Sonance and receives the same skim coat as the surrounding wall. Power and signal land in a Sonance back-box on the framing, not on the platform.

Stealth Acoustics

Stealth Acoustics LR224, LR116, and LR8G are the approved Stealth platforms. The driver is a vibrating-panel design — the panel itself is the diaphragm — which means the wall finish is the speaker. The Trufig VXQ gypsum platform supports the panel; the drywall and skim coat continue across the panel face per Stealth spec. There is no separate grille on a Stealth — the wall is the grille.

FIELD RULE

FIELD RULE — Grille install $\geq$ 14 days after paint cure

On Sonance and any speaker with a separate grille, the grille is installed minimum 14 days after final paint. Solvents in fresh paint outgas through the grille perforations and discolor the driver cone.

Fourteen days is the floor; longer in cold or humid weather. Grilles installed before cure are pulled and replaced at Restrepo's cost — never the client's.

Spare bezels & grilles

At closeout, Restrepo delivers spare bezels and grilles equal to 5% minimum of each type installed, packaged and labeled by room. Spares cover field damage during the homeowner's first move-in year, when bezels are most likely to be marked. The 5% floor is non-negotiable on any project where the platform is custom-finish.





PART 4

Coordination & Mock-Up

Sections 10–11 — drywall, plaster, painter, sample discipline

INNOVATIONS - restrepoinnovations.com

§ 10

Drywall, Plaster & Painter Coordination

RETURNS TO THE PLATFORM, PLASTER TO THE REFERENCE, MASK BEFORE PAINT

Flush-mount work crosses every finish trade in the house. Drywall returns to the platform reveal line. Plaster skims to the manufacturer's reference, never over the bezel. Painters mask the platform aperture before primer; tape pulls before final dust cure. Any coating on the bezel or grille is a defect — the device gets pulled and replaced, not cleaned in place.

Drywall coordination

- Drywall lead walks every Trufig platform with the AV/lighting lead before rock goes up.
- Drywall returns terminate at the platform reveal line, not over the platform housing.
- Skim coat lapped to the manufacturer's reference line on every Trufig type — gypsum, solid-surface, VX, VXQ.
- On Stealth Acoustics installs, the drywall and skim coat continue across the panel face per Stealth spec.
- Final reveal width verified after primer, before bezel install.

Plaster coordination

Venetian plaster, lime plaster, and Trufig solid-surface walls follow their own discipline. The plasterer skims to the Trufig reference line, not past it. Where the architectural finish is a high-gloss plaster, the plaster crew confirms wet-edge tolerance around every flush-mount location before the final coat — once a high-gloss plaster sets, edge corrections are visible across the wall.

Painter coordination

- Painter masks every platform aperture with low-tack tape before primer.
- Tape pulled before final dust cure — never after the paint has set hard.
- Bezels and grilles installed minimum 14 days after final paint cure.
- Any paint or compound on a bezel is a defect. Replace, do not clean in place.
- On invisible-speaker grilles, painter does not roll across the grille face — the grille face receives the manufacturer-specified skim coat only.

BEST PRACTICE

BEST PRACTICE — Walk the rough-in

Drywall lead, plasterer, painter, lighting/AV lead, and electrician walk every flush-mount location together before close-in. One pass catches what five separate trade sign-offs miss.

§ 11

Mock-Up Discipline

ONE SAMPLE BEZEL PER CONDITION, SIGNED BY THE DESIGNER

Every unique flush-mount condition gets a sample assembly before production. A multi-gang Palladiom in a curved corridor; an invisible speaker on a vaulted ceiling; a Trufig'd QSX on a wood-veneer wall; a Forbes & Lomax dolly switch in a guest powder room. The sample is installed, finished, and signed off by the lighting designer or AV designer before the rest of that condition is built.

- Sample assembly installed in the field, not on a shop bench.
- Sample receives the same wall buildup as the production wall — same drywall, same skim, same paint or plaster.
- Lighting or AV designer signs the sample before any production cuts.
- Photo log of the signed sample retained in the project file.
- Production assemblies match the sample within tolerance — the sample is the as-built reference.
- Any change to the sample after sign-off requires a written change order.

INSPECTION STANDARD

INSPECTION — Mock-up sign-off

Sample assembly photographed at sign-off. Designer signature on the photo or on a printed sign-off sheet. File retained for the duration of the project warranty.



PART 5

Closeout

Sections 12–13 — commissioning and specifier alternates

INNOVATIONS - restrepoinnovations.com -

§ 12

Commissioning & Closeout

BEZEL WALK, SPARE DELIVERY, PHOTO LOG, DESIGNER SIGN-OFF

A flush-mount install is not commissioned until every bezel has been walked under raking light, every grille has been listened to at the design seat, every spare has been delivered to the homeowner's storage, and the lighting and AV designers have signed the closeout package. The package — photo log, spare inventory, as-built, and Lutron project file — is delivered to the client at closeout.

Bezel walk & raking-light inspection

- Every bezel walked under raking light at the design eye level.
- Any proud-shadow more than 1/32 inch is pulled and resealed.
- Reveal width measured at three points on every bezel; variation under 1/16 inch passes.
- Palladiom keypads functionally tested against the Lutron commissioning database.
- Sonance and Stealth speakers listened to from the design seat at calibrated SPL.
- Photo log of every flush-mount location, before-and-after bezel install.

Spare delivery

Spare bezels and grilles equal to 5% minimum of each installed type are delivered to the homeowner at closeout, packaged and labeled by room. The delivery is logged on the closeout sheet and the client signs receipt. Without the signed receipt, the project does not close.

INSPECTION STANDARD

INSPECTION — Closeout package

Lutron project file. Photo log of every flush-mount location. Spare inventory with signed client receipt. As-built showing every platform, box, and splice. Designer sign-off on the bezel walk.



§ 13

Specifier-Driven Alternates

WALL-SMART AND FORBES & LOMAX — ONLY WHEN ON THE PLAN

The Restrepo baseline is Trufig + Palladiom + VX/VXQ. When the lighting designer or interior designer specifies an alternate, Restrepo and Island Media install it to the same pre-wall, tolerance, and closeout standard the baseline carries. The alternate is approved when it is on the plan, not when it is mentioned on a phone call.

Wall-Smart

Wall-Smart's New Construction Mount is a pre-wall flush-mount platform serving Lutron Palladiom (10-04-348), Palladiom thermostat (10-04-656), Lutron Alisse (058-4-880), and a wide range of third-party devices. Wall-Smart is approved as a specifier-driven alternate to Trufig where the designer prefers Wall-Smart's bezel geometry or where a device family is served by Wall-Smart but not by Trufig. Wall-Smart uses 'New Construction Mount' naming — there is no 'Trimless Series' in the Wall-Smart catalog.

Forbes & Lomax

Forbes & Lomax Invisible Lightswitch is a UK-origin flush switch in solid metal — nickel silver, antique bronze, brushed brass — with a clear acrylic faceplate. The US dimmer version is approved where the lighting designer specifies a tactile switch over a Lutron keypad. Wiring is per the Forbes & Lomax USA instructions; the dolly switch and dimmer assemblies follow the manufacturer's assembly drawings exactly.

NOTE

NOTE — Substitutions require written direction

Any alternate not on the lighting plan, AV plan, or interior design spec requires written direction from the relevant designer. Verbal approvals do not survive warranty calls. All alternates follow the same pre-wall, tolerance, and closeout standards as the baseline.

APPENDIX A

QC Gate — Verify Before Close-In

Every Restrepo flush-mount installation passes through this gate before the wall closes. The gate matches the QC list on the Flush-Mount Reference Card.

Trufig platform set pre-rock, reference plane verified	Box depth shimmed to platform reference, not stud
Drywall returns to reveal line, not over housing	Plaster skim to manufacturer reference only
Painter mask in place before primer	Bezels & grilles installed $\geq$ 14 days after paint cure
Palladiom keypads tested against Lutron database	Sonance/Stealth speakers listened from design seat
Spares $\geq$ 5% delivered with signed client receipt	Photo log + as-built match field exactly

APPENDIX B

Citations & Further Reading

Trufig Gang Install Guide

Pre-wall gang installation procedure for gypsum and solid-surface platforms.

<https://www.trufig.com>

Trufig Install Guide (full)

Master install reference for Trufig platforms across substrates.

<https://www.trufig.com>

Trufig 1-Gang Solid-Surface Platform

Solid-surface platform spec for stone, wood-veneer, and millwork walls.

<https://www.trufig.com>

Trufig Palladiom Fascia

Fascia geometry coordinating Trufig pre-wall with Lutron Palladiom.

<https://www.trufig.com>

Trufig VX / VXQ Speaker Platform

Gypsum mounting platform for invisible-speaker installations.

<https://www.trufig.com>

Lutron Palladiom HomeWorks Keypad (369881)

Engineered-flush keypad spec, HomeWorks line.

<https://assets.lutron.com/a/documents/369881.pdf>

Lutron Palladiom QS Keypad (369857)

Engineered-flush keypad spec, QS line.

<https://assets.lutron.com/a/documents/369857.pdf>

Lutron Palladiom QS Thermostat (369861)

Engineered-flush thermostat spec.

<https://assets.lutron.com/a/documents/369861.pdf>

Wall-Smart Palladiom Plate (10-04-348)

New Construction Mount for Lutron Palladiom keypad.

<https://wall-smart.com>

Wall-Smart Palladiom Thermostat (10-04-656)

New Construction Mount for Lutron Palladiom thermostat.

<https://wall-smart.com>

Wall-Smart Alisse (058-4-880)

New Construction Mount for Lutron Alisse.

<https://wall-smart.com>

Forbes & Lomax USA Instructions

USA wiring and assembly instructions for the Invisible Lightswitch.

<https://www.forbesandlomax.com>

Sonance Invisible Series Datasheet (071138)

Sonance IS6, IS8, IS10 invisible-speaker spec.

<https://www.sonance.com>

Stealth Acoustics LR Series

LR224, LR116, LR8G vibrating-panel invisible-speaker spec.

<https://www.stealthacoustics.com>

Leviton 41075-DBW Brushpass

1-gang Decora brush pass-through plate for AV cabling.

<https://www.leviton.com>



One team. One standard. One execution.

Restrepo Innovations · Island Media Systems

RESTREPO
INNOVATIONS 



MORE · [RESTREPOINNOVATIONS.COM](https://restrepoinnovations.com)

 ISLAND MEDIA
SYSTEMS