

FIELD MANUAL · VOLUME 08

Invisible. Speakers. Standards.

Sonance, Stealth and Amina invisible speakers for luxury residential construction. The wall is the speaker.

PREPARED FOR

Audio Designers · Drywall · Plaster · Painters · GCs · Owner's Reps

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MANIFESTO

Invisible speakers are finish, not audio.

The wall is the diaphragm or the wall is the grille — either way, the wall is the speaker. An invisible-speaker installation succeeds or fails three times: at framing, when the pre-wall platform is fastened to studs and the backbox volume is set; at finish, when the skim coat laps the manufacturer reference line and the cone is respected; and at cure, when paint chemistry is given the time it needs before any grille is installed and any program is played. Skip any of those windows and the speaker is permanently compromised behind a finished wall. There is no field repair on this product category at this price point.

Hybrid by design: Sonance Invisible Series (IS6, IS8, IS10) on a Trufig VX gypsum platform for the dispersion and dynamics of a high-output cone driver hidden behind plaster; Stealth Acoustics LR224, LR116, and LR8G where the design demands a finished wall that is itself the speaker — paintable, plasterable, wallpaperable; Amina Edge i (Edge 3i, Edge 5i, Edge 7i) where the program calls for vibrating-panel coverage with a low-mass mounting profile and an integrated CV300 or CV345 backbox. Subwoofers — Sonance VPSUB and Cinema, Stealth B30g, Amina ALF80 — are pre-wall on every spec. The wall is the speaker, and every wall has a frame, a cavity, a finish, and a cure.

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. The subwoofer chapter (§11) is treated as its own discipline: pre-wall enclosure, cavity depth, power, and crossover are documented at framing because no invisible-speaker satellite covers full-range bass. 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 audio 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.

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PART 1

Operating Principles

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

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§ 01

Operating Principles

PRE-WALL IS A FRAMING-STAGE DECISION

Invisible speakers are finish work performed at framing. The decision to install them is made when stud bays are open, before drywall, before plaster, before paint. Trufig VX or VXQ pre-wall platforms, backbox volume, cavity damping, and 12 in. service loops at every speaker location are committed at this stage and cannot be revised once the wall closes. A retrofit invisible speaker is a contradiction: the assembly that makes the speaker disappear is the assembly that makes it possible to install.

Restrepo treats every invisible-speaker zone as a coordinated framing detail. The audio designer publishes locations and models. The framer leaves studs in tolerance for the Trufig platform footprint. The electrician pulls cable to the platform, leaves a 12 in. service loop, and tags the run by zone. The drywaller hangs to the manufacturer reference line. The plasterer skims to that line and never over the diaphragm or cone. The painter gives the wall its full cure. Only then is the AV technician's hand on the speaker.

FIELD RULE

FIELD RULE — No retrofit invisible speakers

Every invisible-speaker location is committed at framing. We do not cut into a finished wall to install Sonance, Stealth, or Amina. If the program changes after rock, the room reverts to the in-room or in-ceiling alternates documented in §13.

INSPECTION STANDARD

INSPECTION — Framing walk-through

Audio designer walks the framed shell with the GC, the electrician, and the Restrepo PM before insulation. Confirm every speaker location matches the audio plan, every backbox is the right model, every service loop is pulled, and every platform footprint is set square to the wall reference.



§ 02

Approved Platforms — Restrepo Baseline

THREE BASELINE PLATFORMS COVER EVERY RESIDENTIAL PROGRAM

The Restrepo baseline is three invisible-speaker platforms — Sonance Invisible, Stealth Acoustics LR, and Amina Edge i — and four subwoofer platforms — Sonance VPSUB, Sonance Cinema, Stealth B30g, and Amina ALF80. The baseline is chosen so that every standard residential program (background music, multi-room audio, theater surrounds, atmospheric effects, low-frequency augmentation) is covered without leaving the listed assemblies. Anything outside the baseline is a specifier-driven alternate and is treated as such in §13.

Sonance Invisible Series (IS6, IS8, IS10) installs on a Trufig VX gypsum platform. The driver is a high-excursion cone behind a pre-mudded grille; the skim coat laps the perimeter tape only and is never carried across the cone face. Stealth Acoustics LR Series (LR224, LR116, LR8G) installs as a vibrating panel that becomes part of the wall surface; drywall and skim coat continue across the panel face per the Stealth procedure. Amina Edge i (Edge 3i, Edge 5i, Edge 7i) installs in a CV300 or CV345 backbox behind a scrim layer with three filler coats and three emulsion coats. The APUi protection module is required on every Amina installation per warranty.

BEST PRACTICE

BEST PRACTICE — One platform per zone

Pick one invisible-speaker platform per zone and stay with it. Mixing Sonance, Stealth, and Amina inside the same room produces audible voicing differences across positions. Where the program spans multiple platforms (e.g. Sonance front L/R, Stealth in-wall surrounds), the audio processor handles per-zone EQ and time-alignment at commissioning.

NOTE

NOTE — Subwoofer pre-wall is non-negotiable

Every invisible-speaker zone gets a documented subwoofer in the audio plan. The subwoofer is pre-wall on every spec — Sonance VPSUB, Sonance Cinema, Stealth B30g, or Amina ALF80 — because no invisible satellite covers full-range bass without help. Subwoofer details are in §11.



§ 03

Without Written Direction — Do Not Default

WHAT WE REFUSE, IN WRITING

Some defaults exist only because trades reach for them when tolerances slip. We refuse those defaults in writing and on site. Without explicit written direction from the audio designer or interior designer, the items below do not appear on a Restrepo invisible-speaker installation.

Skim coat over the diaphragm or cone face

On Sonance the skim laps the perimeter tape only. On Stealth the skim continues across the panel face per the Stealth procedure, never under the manufacturer's threshold of finish. Any compound past the manufacturer reference line is a defect to remove, not a tolerance to live with.

Grille or panel install before the 14-day paint cure

Latex paint outgasses for days after it appears dry. A grille installed too early traps solvents at the diaphragm or fabric and produces a permanent rattle, hiss, or dull spot. We hold every grille install until 14 days after final paint cure. The audio designer's playback test happens after that — never before.

Fasteners inside the panel footprint

On Stealth and Amina, no drywall fastener lives inside the panel footprint. A screw in the diaphragm field changes the vibrating mass of the panel and is not field-correctable.

Speaker cable smaller than 16 AWG

16 AWG minimum on satellite invisibles, 14 AWG preferred on long runs. 12 AWG minimum on subwoofer power and signal. We do not pull 18 AWG to a finished wall because it tested fine on the bench.

Verbal product substitutions

Any substitution off the Restrepo baseline requires written direction from the audio designer. Verbal approvals do not survive a warranty call to Sonance, Stealth, or Amina.

DO NOT

DO NOT — Field-modify a backbox

Backbox volume and damping are part of the speaker's tuned system. Do not cut, drill, or repack a backbox to fit a stud bay that's out of tolerance. Re-frame the bay, or rotate the speaker location to a bay that meets manufacturer dimensions.



PART 2

Platforms & Pre-Wall

Sections 04–08 — Trufig VX/VXQ, Sonance, Stealth, Amina, cavity

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§ 04

Pre-Wall Strategy

TRUFIG VX/VXQ AT FRAMING — EVERY INVISIBLE ZONE

Every invisible-speaker location on the audio plan gets a pre-wall platform fastened to studs at framing. The platform is the speaker's relationship to the wall: it sets the mounting depth, the gypsum reference line, the backbox seat, and the fastening pattern that the drywaller and plasterer will lap to. Trufig VX is the gypsum platform for Sonance grille installs. Trufig VXQ covers James/larger trimless grilles where the audio plan calls for a wider bezel. Stealth and Amina ship integrated mounting frames that perform the same function in their respective assemblies.

The platform footprint is set square to the wall reference, level across both axes, and within the manufacturer's published tolerance for skim depth. Stud blocking is added behind the platform on every face that the platform fastens to. Cable is pulled to the platform with a 12 in. service loop coiled in the stud bay; the loop is not stuffed inside the backbox. Insulation is held back from the panel face per the manufacturer install manual on Stealth and Amina installations.

SPECIFICATION

SPECIFICATION — Trufig VX / VXQ

VX is the gypsum platform for Sonance Invisible Series grilles. VXQ covers James/larger trimless grilles. Both fasten to studs at framing per the Trufig install guide; the platform sits proud of the stud face by the manufacturer-published gypsum thickness. Substrate may be 1/2 in. or 5/8 in. drywall — confirm at framing and order the matching platform.

INSPECTION STANDARD

INSPECTION — Pre-wall walk

Audio designer and Restrepo PM walk every speaker location after platforms are set, before insulation. Verify platform model, orientation, level, plumb, and that the cable service loop is coiled in the bay (not in the backbox). Photograph each location with the audio plan tag visible.

§ 05

Sonance Invisible Series

IS6 · IS8 · IS10 — TRUFIG VX, PRE-MUDDERED GRILLE

Sonance Invisible Series (IS6, IS8, IS10) is the Restrepo default where the audio program calls for high-output, wide-dispersion invisible coverage in a residential room. The driver is a high-excursion cone behind a pre-mudded fiberglass grille that is paint-ready as shipped. The grille face is treated as a separate trade boundary: it is not a substrate for skim coat. The skim laps the perimeter tape only, and the manufacturer's finish line is the discipline.

Backbox volume and damping ship with the speaker per Sonance doc 071138 and the Invisible Series install manual. The backbox is a sealed, tuned enclosure — do not field-modify. Crossover defaults to 80 Hz at the audio processor; the subwoofer covers below. Speaker cable is 14–16 AWG with a 12 in. service loop pulled to every speaker location.

FIELD RULE

FIELD RULE — Skim laps perimeter tape only

Three coats minimum on Sonance grilles, lapped to the perimeter tape line on the pre-mudded grille. No compound carried across the cone face. Compound past the manufacturer reference line is a defect to pull and re-skim, not a tolerance to live with.

NOTE

NOTE — Sonance grille is the substrate

The Sonance grille ships pre-mudded — it is the paint-ready substrate the painter primes. The painter does not skim, sand, or texture the grille face. Texture is the painter's, not the drywaller's, when the program calls for any.



§ 06

Stealth Acoustics LR Series

LR224 · LR116 · LR8G — THE WALL IS THE SPEAKER

Stealth Acoustics LR Series (LR224, LR116, LR8G) is the Restrepo platform for installations where the wall surface itself is the speaker. The LR224 is an 8 in. two-way panel for primary listening positions. The LR116 is an 8 in. round panel for ceiling integration. The LR8G is a higher-output gypsum panel where the program calls for theater-grade output behind an invisible finish. All three panels are paintable, plasterable, wallpaperable, and accept light fabric or wood veneer per the Stealth approved-finish list.

Drywall and skim continue across the panel face per the Stealth published procedure. There is no fastener inside the panel footprint — fasteners live in the perimeter mounting frame only. The cavity behind a Stealth panel is cleared per the install manual; insulation does not contact the back of the panel. Crossover and time-alignment are handled in the audio processor at commissioning per the Stealth recommendations.

SPECIFICATION

SPECIFICATION — Stealth approved finish layers

Latex paint, flat finish. Orange peel texture. Light plaster. Light wallpaper. Light fabric. Wood veneer. Heavy texture, tile, stone, or thick wallpaper are outside the Stealth approved-finish list and require written direction before spec.

DO NOT

DO NOT — Fasten through the panel field

No drywall screw, picture hanger, or trim nail enters the Stealth panel footprint after installation. Fasteners change the vibrating mass of the panel and the failure is not field-correctable. Mark the panel footprint on the trade drawings.



§ 07

Amina Edge i Series

EDGE 3i · EDGE 5i · EDGE 7i — VIBRATING PANEL, LOW-MASS

Amina Edge i (Edge 3i, Edge 5i, Edge 7i) is the Restrepo platform for vibrating-panel invisible coverage on a low-mass mounting profile, typical for distributed audio in primary living spaces and bedrooms. Edge 3i installs in a CV300 backbox; Edge 5i and Edge 7i install in a CV345 backbox. The APUi in-line protection module is required on every Amina installation per warranty — it is not optional and not substituted with a generic resistor or pad.

The Amina finish layer is documented in the Amina Speaker Handbook v4.5: professional plasterboard joint scrim tape over the panel perimeter, three coats of fine-surface filler with sanding between coats, three coats of emulsion paint. This is the audio finish — the painter on a Restrepo job is briefed on the Amina handbook before any compound goes near the panel. Wallpaper and light fabric are accepted finishes per the Edge i installation guide; heavy or rigid finishes are not.

FIELD RULE

FIELD RULE — APUi on every zone

The Amina APUi in-line protection module is installed on every Edge i zone. The APUi sits between the amplifier and the panel and protects against amplifier clipping and DC offset. Warranty claims without an APUi documented in the as-built are denied by Amina.

NOTE

NOTE — Backbox model by panel

Edge 3i → Amina CV300 backbox. Edge 5i and Edge 7i → Amina CV345 backbox. The backbox model is a function of the panel — do not specify a CV300 for an Edge 5i because the bay is shallow. Re-frame the bay or rotate the location to a bay that takes the correct backbox.



§ 08

Backbox, Cavity & Damping

THE CAVITY IS PART OF THE SPEAKER

Every invisible speaker is a system: driver, baffle, backbox, and cavity behind it. The backbox sets the air volume the driver loads against. The cavity sets the acoustic environment around the backbox. Manufacturer minimums are not recommendations — they are tuning constants. A backbox shoved into an undersized stud bay performs differently than a backbox at spec, and not in a way the audio processor can correct at commissioning.

Sonance Invisible backboxes ship sealed and tuned per the IS install manual. Stealth LR cavities follow the panel-specific minimum depth in the Stealth spec sheets; the B30g subwoofer panel requires a 2.5 in. minimum cavity depth. Amina backboxes (CV300, CV345) are dimensional per the Amina handbook. Insulation is held back from the panel face on Stealth and Amina; it does not pack against the backbox on Sonance. Cavity damping, where called out in the manual, is the manufacturer-supplied material — not a generic substitute.

SPECIFICATION

SPECIFICATION — Stealth B30g cavity

B30g two-panel monaural sub: 2.5 in. minimum cavity depth, 200 W RMS per pair, 20–160 Hz response, 17-year warranty per Stealth. Cavity dimensioned at framing — confirm bay depth before stud lock.

INSPECTION STANDARD

INSPECTION — Cavity walk

Audio designer confirms cavity dimensions match the install manual on every speaker before insulation. Photograph the bay with a tape measure visible. Discrepancies get re-framed before insulation, not after.



PART 3

Finish & Cure

Section 09 — skim coat, lap line, the 14-day paint cure window

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§ 09

Skim Coat & Paint Cure

LAP LINE, CONE DISCIPLINE, THE 14-DAY WINDOW

Finish is where most invisible-speaker installations are won or lost. The skim coat is part of the acoustic system; the paint cure is part of the warranty. Both are governed by the manufacturer's published procedure for the specific platform in the wall. The Restrepo standard is to print the relevant section of the install manual at the wall, walk it with the drywaller and plasterer before the first coat, and walk it again with the painter before primer.

On Sonance, the skim laps to the perimeter tape line on the pre-mudded grille; three coats minimum, no compound over the diaphragm. On Stealth, drywall and skim continue across the panel face per the Stealth procedure, with no fastener inside the panel footprint. On Amina, the finish is scrim tape, three filler coats, three emulsion coats per the Speaker Handbook v4.5. Across all three platforms, the lap line is verified under raking light after the final coat and before primer.

FIELD RULE

FIELD RULE — 14 days, hard stop

No grille install, no panel listening test, no commissioning playback before 14 days have elapsed since final paint cure. The cure window is a chemistry constant for latex paint — it is not negotiable on a punch-list timeline. Document the cure start date on the as-built and on the daily log.

INSPECTION STANDARD

INSPECTION — Mute test before paint

Speaker face is mute-tested before paint on every platform. Tap with a fingertip; listen for any paint, compound, or fuzz on the diaphragm. Anything other than the manufacturer's intended surface is a defect to replace, not a tolerance to clean.



PART 4

Bass & Subwoofers

Sections 10–11 — crossover, time alignment, sub pre-wall & cavity

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§ 10

Bass Management & Crossover

WHERE MOST INVISIBLE INSTALLS GO ACOUSTICALLY WRONG

Bass management is where most invisible-speaker installations fail acoustically even when the finish is perfect. The cone or panel makes the upper range disappear into the wall, and the subwoofer is asked to make the bottom range disappear in the room. That handoff is the integration. The Restrepo standard is to document crossover, level, and time-alignment per zone in the audio processor database — measured at the listening position, never assumed.

Default crossover for Sonance Invisible satellites is 80 Hz at 24 dB/octave. Stealth LR and Amina Edge i crossover is per-system per the manufacturer's published spec — typically 100–120 Hz on smaller panels, lower on larger. Stealth B30g subwoofer is documented at 50 Hz at 18 dB/octave low-pass per the B30g spec. Time-alignment is set in the processor with REW or processor-resident measurement at the design seat, and the value is logged per zone in the as-built.

BEST PRACTICE

BEST PRACTICE — Sub localization test

Run a 60 Hz sine sweep at the listening position with the sub in the system. If the sub announces itself as a separate source — discrete bass localization — lower the crossover or rotate the sub placement before commissioning continues.

NOTE

NOTE — No tuning by ear at closeout

Crossover, level, and delay are set with measurement, not by ear. The owner does not tune by feel at closeout; the audio designer hands off a measured, logged configuration.



§ 11

Subwoofers — Pre-Wall, Cavity & Power

PRE-WALL ON EVERY SPEC — NO EXCEPTIONS

Every invisible-speaker zone gets a pre-wall subwoofer. The subwoofer is documented at framing because the enclosure, cavity, amplifier, and power are framing-stage commitments — not finish-stage retrofits. The Restrepo subwoofer baseline is Sonance VPSUB and Sonance Cinema (SUB10-250, SUB12-500) for in-wall and in-ceiling cone subs, Stealth B30g for invisible two-panel monaural sub coverage, and Amina ALF80 for low-frequency panel integration with Edge i satellites.

Sonance VPSUB ships as a 10 in. pre-wall enclosure with a matched Class D amplifier per Sonance — every install runs the matched amp, not a substitute. Sonance Cinema SUB10-250 and SUB12-500 are the in-wall Cinema-line cone subs for theater and high-output zones. Stealth B30g is a two-panel monaural subwoofer: 200 W RMS per pair, 20–160 Hz response, 50 Hz at 18 dB/octave low-pass, 2.5 in. minimum cavity depth, 17-year warranty per Stealth. Amina ALF80 is the low-frequency panel for Edge i integration per the ALF80 install manual; pair to Edge i satellites per the Amina selection guide.

Power is 12 AWG minimum on subwoofer power and signal — every run, every zone. The amplifier circuit is dedicated per the manufacturer's recommendation and protected per the local AHJ. Crossover, level, and delay per zone are logged in the Lutron, Crestron, or audio processor database and confirmed with measurement at the listening position. Burn-in is 24 hours of moderate output after the 14-day paint cure, before commissioning playback.

SPECIFICATION

SPECIFICATION — Subwoofer power & cable

12 AWG minimum on subwoofer power and signal. Sonance VPSUB matched amplifier on every Sonance VP install. Stealth B30g amplifier per the B30g spec sheet; 50 Hz at 18 dB/octave low-pass at the processor. Amina ALF80 per the ALF80 install guide and the Amina selection guide.

FIELD RULE

FIELD RULE — Sub pre-wall is documented at framing

Every subwoofer model, enclosure, cavity dimension, amplifier circuit, cable gauge, and crossover frequency is documented on the framing-stage audio plan. We do not retrofit a subwoofer into a finished wall, and we do not tune subs by ear at closeout.



INSPECTION STANDARD**INSPECTION — Sub commissioning**

After 24-hour burn-in, audio designer measures crossover, level, and time-alignment at the listening position with REW or the processor's resident measurement. Per-zone values are logged in the as-built and in the processor database.



PART 5

Coordination & Closeout

Sections 12–13 — trades, commissioning, burn-in and spares

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§ 12

Drywall, Plaster & Painter Coordination

THREE TRADES, ONE REFERENCE LINE

An invisible speaker passes through three trade boundaries after the AV technician has set the platform: drywaller, plasterer, painter. Each trade has a published reference line from the manufacturer install manual, and each trade has a specific procedure that must match the platform. The Restrepo standard is to walk the audio plan with all three trades before any compound is applied, leave the install manual at the wall, and stage the work so no trade is asked to recover for another's misstep.

Drywall hangs to the platform reference line, not the stud face. Returns are cut to the manufacturer's published gap around the Sonance grille or Amina backbox; on Stealth the drywall continues across the panel face per the Stealth procedure. The plasterer skims to the manufacturer reference line and verifies the lap under raking light before primer. The painter masks the speaker face per the install manual, primes per the manufacturer-approved finish list, and starts the 14-day cure clock at final coat.

FIELD RULE

FIELD RULE — Install manual at the wall

The relevant section of the manufacturer install manual is physically present at every speaker location during finish work. Trades reference the manual, not memory, when they cut, skim, or paint.

INSPECTION STANDARD

INSPECTION — Three trade walks

Restrepo PM walks the audio plan with the drywaller before rock, with the plasterer before skim, and with the painter before primer. Photograph the lap line at every speaker after final skim and before primer.

§ 13

Commissioning, Burn-In & Spares

THE CLOSEOUT STANDARD

Commissioning is where the wall meets the program. By the time the audio designer is on site for commissioning, the platform is in spec, the cavity is in spec, the finish is in spec, the cure window has elapsed, and the burn-in has run. Commissioning is measurement, logging, and listening — not diagnostic recovery. Anything that requires recovery has been caught and corrected at the gates upstream.

Burn-in is 24 hours of moderate output after the 14-day paint cure, before any commissioning playback. Crossover, level, and time-alignment are measured at the listening position with REW or the processor's resident measurement and logged per zone. Spare bezels, grilles, panels, and APUi modules are delivered at $\geq 5\%$ of each type with a signed client receipt. The as-built captures every speaker location, model, cavity dimension, cable gauge, crossover frequency, and processor value — readable by an outside technician five years from today.

SPECIFICATION

SPECIFICATION — Spares $\geq 5\%$

Spare bezels, grilles, panels, and Amina APUi modules delivered at $\geq 5\%$ of each type at closeout, with a signed client receipt. Spares are stored in the owner's AV closet with a labeled inventory.

NOTE

NOTE — Specifier-driven alternates

Triad InRoom, Sonus Faber Palladio, and ClearSonic are approved specifier-driven alternates outside the Restrepo baseline. Any alternate not on the audio plan or interior design spec requires written direction from the relevant designer; verbal approvals do not survive a warranty call.



APPENDIX A

QC Gate — Verify Before Close-In

Every Restrepo invisible-speaker installation passes through this gate before the wall closes and again before commissioning. The gate matches the QC list on the Invisible Speakers Reference Card.

Trufig VX/VXQ platforms set at framing, square & level	Cavity depth & damping per manufacturer handbook
Cable pull complete · 12 in. service loop coiled in bay	Skim lapped to manufacturer reference line only
Mute test passed before primer — no compound on diaphragm	Paint cure $\geq$ 14 days before any grille install
Burn-in 24 h before commissioning playback	Crossover, level & delay measured & logged per zone
APUi installed on every Amina zone — documented in as-built	Spare grilles, panels & APUi delivered ($\geq$ 5% each type)

APPENDIX B

Citations & Further Reading

Trufig — VX / VXQ Speaker Grille Platform

Gypsum mounting platform manual for Sonance VX and James VXQ trimless grilles.

<https://www.trufig.com>

Sonance — Invisible Series Data Sheet (071138)

IS6 / IS8 / IS10 frequency response, impedance, dispersion, mounting depth.

<https://www.sonance.com>

Sonance — Invisible Series Install Manual

Pre-construction framing through final finishing for fully invisible result.

<https://www.sonance.com>

Sonance — Visual Performance VPSUB Data Sheet

VP10SUB NC / VP12SUB NC in-wall subwoofer with matched Class D amplifier.

https://sonance.ru/site-content/uploads/2014/09/VP_SUBS_NC_Data_Sheet.pdf

Sonance — Cinema SUB10-250 / SUB12-500

In-wall Cinema-line cone subwoofers for theater and high-output zones.

<https://www.sonance.com>

Stealth Acoustics — LR224 Specification

8 in. 2-way invisible loudspeaker — paintable, plaster, wallpaper, wood-veneer finishes.

<https://www.stealthacoustics.com>

Stealth Acoustics — LR116 Specification

8 in. round invisible loudspeaker for ceiling integration.

<https://www.stealthacoustics.com>

Stealth Acoustics — LR8G Specification

Higher-output gypsum invisible panel for theater-grade output.

<https://www.stealthacoustics.com>

Stealth Acoustics — B30g Subwoofer Spec

Two-panel monaural sub, 200 W RMS per pair, 20–160 Hz, 2.5 in. minimum cavity, 17-yr warranty.

<https://www.stealthacoustics.com/productspecifications/Specification-Sheet-B30G.pdf>

Amina — Speaker Handbook v4.5

Master install guide — backbox, scrim, three-coat finishing sequence, APUi protection.

<https://www.aminasound.com/wp-content/uploads/2023/02/Speaker-handbook-V4.5.pdf>

Amina — Edge 5i Datasheet

4Ω, 50W/100W, 90 dB sensitivity, 55 Hz–25 kHz, BackboxCV345 mount.

https://aminasound.com/technical_assets/datasheets/Edge5i_Datasheet.pdf

Amina — Edge 3 Quick Install Guide

Edge 3i installation procedure with CV300 backbox.

<https://www.aminasound.com>

Amina — ALF80 Low-Frequency Panel Install

Invisible low-frequency panel for Edge integration — full install procedure.

https://canohm.com.au/images/product-ranges/Amina/PDF/2021/ALF80_InstallGuide.pdf

Amina — Speaker Selection Guide

Mobius vs Edge series — performance levels, room sizing, sub pairing matrix.

https://www.aminasound.com/wp-content/uploads/2022/07/Speaker_Selection_Guide.pdf

Amina — iQ Series Installation Guide

iQ-series installation reference — supplements the Speaker Handbook v4.5.

<https://www.aminasound.com>

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