

SONOS

IN
THE LOVE SHACK



TECHNOLOGY IS ART



PURPOSEFULLY BESPOKE

AWARD WINNING PERFORMANCE

We take pride in the tremendous creativity, quality and functionality we deliver with our smart home and home entertainment installations. 2018 was a big year for Purpose Group and we are very grateful to be recognised for our development and performance within our industry.

BESPOKE

By designing bespoke home automation & home entertainment systems and expertly integrating them into your home we handle all the technical complexities so you can enjoy a beautifully simple, immersive and seamless experience.

CONTROL

We recognise your home is special and you want things to work perfectly, first-time, every time, just as they should. We understand the potential for technology to enhance your home and enrich your life. In fact we treat technology as an Art form and love helping clients to create wonderful masterpieces.

GREAT SUPPORT AND AFTERCARE

Purpose Group offers the most extensive service options to cover any problems with your system before, during and after installation. By combining our Boffin Box and Pakedge network devices that include BakPak, we are able to remotely configure, monitor, and power cycle devices on your network it allows us to remotely monitor and manage your entire system to increase efficiency and improve performance.

INTRODUCTION

We have produced this booklet to introduce the new Sonos Amp and how we are using it with a selection of high quality Sonos and Triad products to deliver a bespoke multi-zone entertainment home for the Channel Nine TV Series "The Love Shack".

SONOS is the wireless Home Sound System that fills as many rooms as you want with great-sounding music, movies and TV. Stream via wifi. Play whatever you're craving. And amp up every moment with intense, pulse-pounding sound.

Purpose Group is characterised and fuelled by its collaborative design process and builds on this already amazing Sonos system. Our selection of complementary products and concepts are hatched and nurtured in this document to bring music to every room in your home.

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SONOS AMP

INTRODUCTION

In some ways, the new Sonos Amp — like the decade-old Connect:Amp it has replaced — is one of the company's most vital products. Having finished its recent, consumer-focused launches of the Sonos One and Sonos Beam, Sonos is now turning its attention to what it calls the installed solutions channel. From top to bottom, that's who and what the Amp has been built for.

The Amp shares the same primary purpose as its predecessor. It's designed to tie the high-end, wired speakers you already own into the Sonos ecosystem, seamlessly joining them with the Play:5, Sonos One, Sonos Beam, Playbase, Playbar, and other Sonos hardware for multi-room audio playback.

Just like every other Sonos gadget, you can wirelessly stream music from Spotify, Apple Music, Deezer, and dozens of other services to the Amp. But here, there's an RCA line-in that can be used for turntables, CD players, and other audio sources you want to play across your entire Sonos system through the Amp. AirPlay 2 support is built in, and it has the same capacitive buttons seen on other recent Sonos speakers for play/pause, volume, and skipping tracks.

We have included our preferred bookshelf speakers, in ceiling speakers and weatherproof outdoor speakers as examples of how we would pair up for amazing sound, but please don't throw out your floor standing speakers from your uni days as Sonos Amp will give these former heroes a new life too.

DESIGNED WITH THE TV IN MIND

The Sonos Amp, just like the Sonos Beam, has an HDMI input with full ARC support. So you can plug your TV into the Amp and have it output stereo audio to two speakers for a simple 2.0 system. Since there's no center channel, the Amp uses digital signal processing (DSP) to create a phantom center channel through stereo imaging.

Sonos has retained the sub output on the Amp for flexibility. So you have the choice to use the Sonos Sub or pair it with any other in-room, in-ceiling or in-wall sub.

FEATURES

HDMI'S AUDIO RETURN CHANNEL (ARC)

When the Sonos Amp is connected to a TV's HDMI-ARC port, the Amp will automatically begin playing audio from the TV when the set is turned on—even if it had previously been playing music as part of a group of Sonos devices. The Amp's volume level can be controlled by the TV's remote, and the system volume level is displayed on the TV's screen whenever a change in level is made, either via the TV remote or through the Sonos app.

APPLE AIRPLAY 2

The Sonos Amp supports Apple AirPlay 2 which offers wireless streaming of content from your Apple device (like your iPhone, iPad or Mac). Originally this was dominated by music, but now it also covers photos and video, so it will let you stream a wide range of content from your phone to your Apple TV - and in 2019 your television. AirPlay 2 also includes device mirroring to share the content of your phone's display on another device.

CONNECT YOUR TURNTABLE

We love the purity and nostalgia of vinyl and with the new power of the Sonos Amp paired with bookshelf or floor standing speakers, you will love the result. Connect your turntable to the Sonos Amp using the analog RCA inputs and start spinning your heart out.

If your turntable doesn't have a phono pre-amplifier, you'll need to get one for the Sonos vinyl experience. We can easily organise one for you with your next Sonos order.

TAKE IT OUTSIDE

The Sonos Amp is more than twice as powerful as the previous Connect:Amp, delivering 125 watts per channel into an 8 ohm load with both channels driven. It can comfortably drive four speakers simultaneously. That is also plenty of power to run your outdoor speakers even over the typically longer cable run to the pool and still get amazing results.



SONOS BEAM

BEAMING WITH SOUND

The Beam is the new multi-channel front speaker and is built for the prime position underneath your TV. Beam produces a surprisingly wide soundstage for a speaker of this size, with four custom-built elliptical full-range woofers and three passive radiators delivering deep, warm bass and superior mid-range performance, while a single tweeter ensures crisp and clear dialogue.

When Sonos Beam is connected to HDMI-ARC on your TV, the TV and Sonos Beam automatically pick the best format that both systems can support. Not only will it provide great audio, it also features support for Amazon's Alexa assistant. The Sonos Beam also features support for AirPlay 2. This lets you connect the Beam to multiple other AirPlay 2 speakers around your home and play the same audio wherever you go in your house.

CREATE CINEMA-LIKE ROOM FILLING SOUND

Going to the movies is one of the world's favorite pastimes and thanks to the availability of better and more affordable technology, it's now easier to recreate that cinema experience in your own home. Simply add a pair of Triad's R28 Silver Open Round In-ceiling speakers with your TV, soundbar and sub to create a cinema-like 5.1 channel surround sound in your own living room.

The R28 speakers utilise carbon-fiber woofers for superior bass response and durability. A one-inch silk dome tweeter offers smooth, high-frequency sound and is aimable to offer greater installation flexibility.



TRIAD SOUNDBAR

CUSTOMISE YOUR SOUNDBAR TO MATCH YOUR TV

The Triad Soundbar integrates seamlessly with shallow televisions, delivering intricate, low-distortion audio to complement today's high-resolution video content. Combine exceptional audio and aesthetics with custom designs, offering lengths to match the width of your TV and custom finishes to match walls, cabinetry, and other décor.

With 4" drivers and high-performance one-, two-, and three-channel versions, the Mini LCR (SE) produces authentic front-channel audio and is voice matched for consistent sound. But most importantly it can be custom made to the exact width of your TV in 6 weeks for only 10% more than the cost of a standard unit.

ADD POWERFUL BASS FOR EXTRA IMPACT

TRIAD SUB — Hear and feel deep, compelling bass of the Triad Bronze SlimSubs with control and accuracy—experiencing impactful low frequencies which enhance and enrich movie soundtracks and music alike. These subwoofers deliver unmatched performance with studio-grade drivers and sealed, internally braced enclosures.

SONOS SUB — Two force-cancelling speaker drivers positioned face-to-face for deeper, richer sound and zero cabinet buzz or rattle. Everything with the Sonos Sub, right down to its unique "O" shape, is designed to maximise sound quality and look beautiful in your home. Two custom-designed woofers deliver amazing amounts of highly-detailed, dynamic bass.





BOOKSHELF SPEAKERS

SENSATIONAL KEF LS50 – \$1,995

If you are a big music lover, good quality bookshelf speakers will deliver amazing sound to smaller rooms. The Sonos Amp connects your bookshelf speakers as an alternative to in-ceiling or on-wall speakers in music centric rooms.

The LS50 monitor speaker is designed to bring a professional studio monitor concept into the home.

Rarely the case in such a compact design, the LS50 monitor delivers a rich, multi-dimensional 'soundstage experience' that is out of all proportion to its size. Patent-pending acoustic designs, together with state-of-the-art technologies from KEF's latest flagship Blade loudspeaker, provide the ultimate studio experience – even in the smallest of spaces.

Creating a small housing capable of delivering such a spacious sound is the result of considerable research and development. In cabinet construction, baffle shaping and port design, LS50 breaks new ground with patent-pending technology. All this is made possible by KEF's leadership in modern research. LS50's unique technology offers by far the cleanest, most accurate studio-grade performance of any mini monitor.



ADD A TURNTABLE

PRO-JECT DEBUT CARBON ENDURANCE TURNTABLE – \$750

It was around the fall of the Berlin Wall when Heinz Lichtenegger first bought a near-closing turntable factory in the Czech Republic. Retaining the factory's experienced staff, he did what no one else expected, or even thought possible: resumed production.

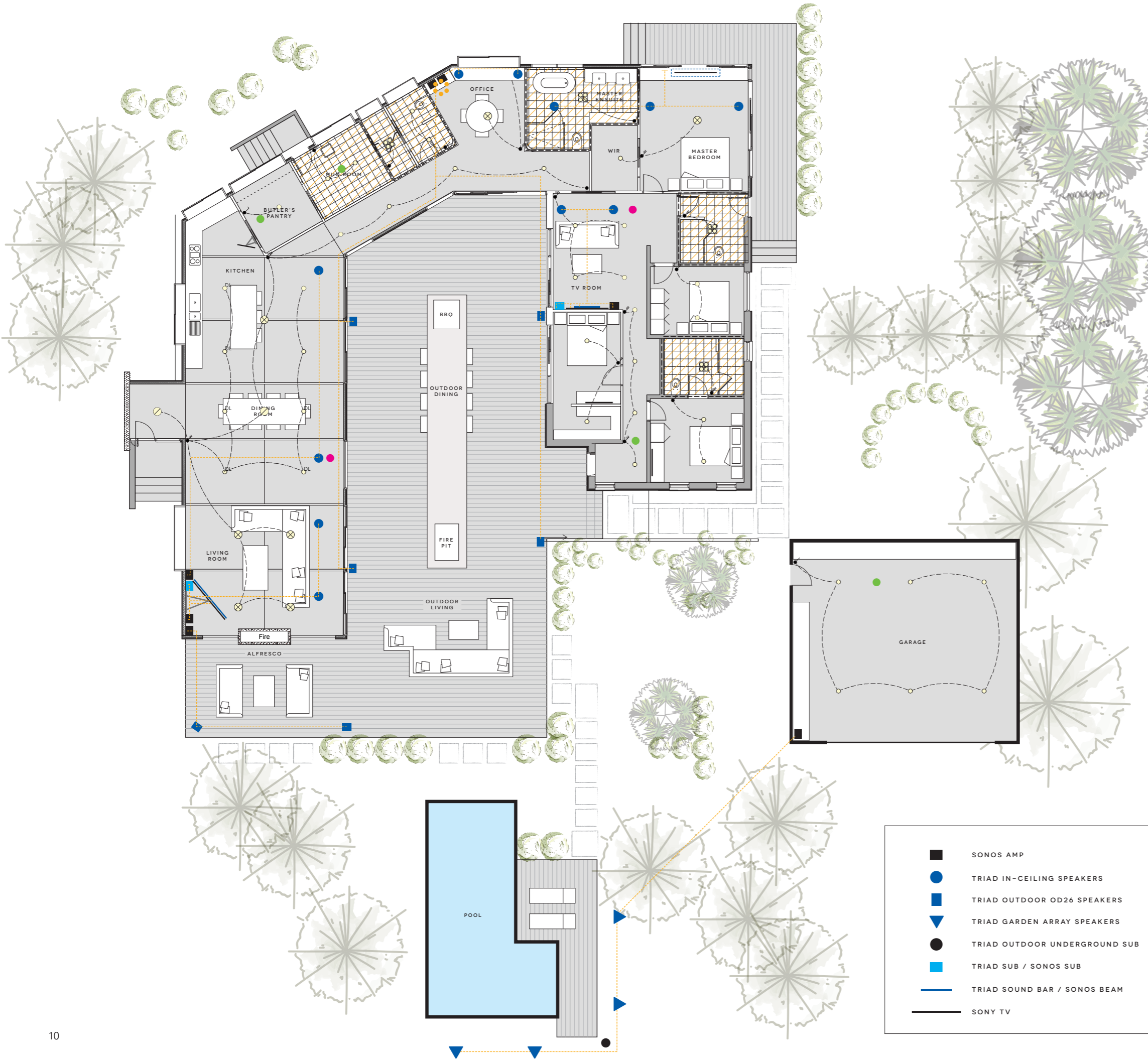
Beginning in the 90s, Pro-Ject has always sought to bring proper high end vinyl sound to the low end and midrange market. It was our vision, our project, to bring back this great sound that everyone knew and loved. Today, still manufacturing from that same little factory in the Czech town of Litovel, Pro-Ject is one of the biggest names in true fidelity, reasonably priced turntables.

As CD and digital sales decline in the wake of streaming services like Spotify and Deezer, record sales are on the rise. In fact, the format has seen a 260% growth since 2009. While CDs sit on shelves, vinyl supply is having a hard time keeping up with demand. It may not have seemed possible 10 years ago, but vinyl is back.

Pro-ject are now offering a stronger feature-set at a comparable price-point. This creates a more compelling and refreshed entry-level audiophile turntable offering, and reserves features such as the carbon fibre tonearm for higher price-point models.

The most obvious improvement is the inclusion of a Carbon Tube for the tonearm, which increases stiffness and decreases unwanted resonance.

When connected to your Sonos Amp, your vinyl collection is now available throughout your whole home — Party time!



THE LOVE SHACK

CELEBRATING ENTERTAINMENT

Our brief for the Love Shack is to create the ultimate entertainer's home. From hifi to wifi, home security to climate control, Purpose Group is so passionate about automation and entertainment — we consider it an art form.

The Love Shack is made up of 8 independent audio zones and 5 video zones with Sony 4K TVs. These zones can be used independently or grouped together as one big party zone.

We chose Sonos because it is a multi-room audio platform that is easy to use and so versatile and the new Sonos Amp brings new power and flexibility that was not previously part of the Sonos offer.

The next few pages will walk you through, room by room, the audio and visual set up and the range of our hand selected products to achieve the entertainer's home.

Entertainment zones in The Love Shack include:

- | | |
|-----------------------------|---------------|
| 1. Living Room | Music / 4K TV |
| 2. Kitchen / Dining Room | Music / 4K TV |
| 3. Office | Music |
| 4. Master Bedroom & Ensuite | Music / 4K TV |
| 5. TV Room | Music / 4K TV |
| 6. Outdoor Dining & Living | Music |
| 7. Alfresco | Music |
| 8. Pool Area | Music |

We undertake the challenge of outfitting every room with the best entertainment and music options to fit the home and then bring order to everything so that it works under one unified system — Control4 — to make the technology as convenient as possible for our clients. We hide the wires and tuck all the necessary components into a neatly-organised AV rack.

■	SONOS AMP	●●●●	NETWORK RACK
●	TRIAD IN-CEILING SPEAKERS	●	WAP
■	TRIAD OUTDOOR OD26 SPEAKERS	●	MOTION SENSOR
▼	TRIAD GARDEN ARRAY SPEAKERS	●	CONTROL4 KEYPAD
●	TRIAD OUTDOOR UNDERGROUND SUB	○	DOWNLIGHT
■	TRIAD SUB / SONOS SUB	⊗	PENDANT LIGHT
—	TRIAD SOUND BAR / SONOS BEAM	---	LIGHTING CIRCUIT
—	SONY TV	---	SONOS SPEAKER CABLE RUN

LIVING ROOM

CREATING YOUR HOME CINEMA SURROUND SOUND

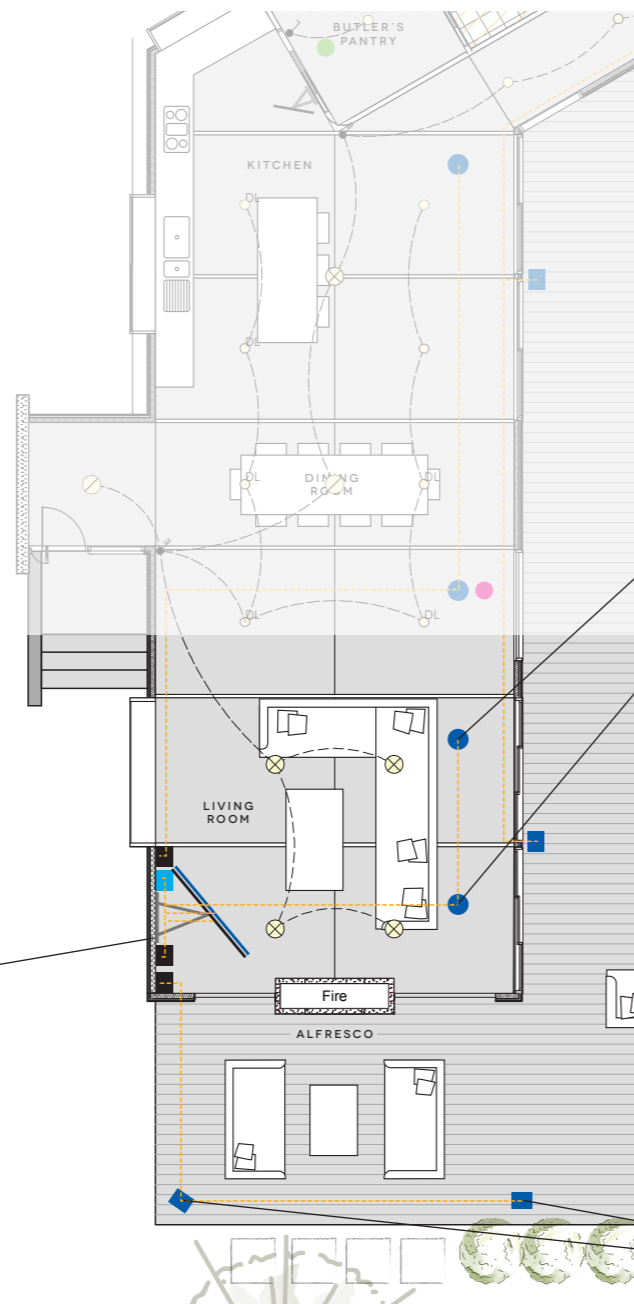
We mounted the TV on a motorised motion bracket so it can be swivelled out to face the dining room or kitchen or in the opposite direction facing the Alfresco. The living room is the centre of the home and you want sound either filling the room with music or playing what is on the TV in full surround sound mode.

In the living room, how do you utilise the Amp? Typically it is connected to a soundbar, bookshelf or floor-standing speakers or to architectural ceiling or in-wall speakers.

We have connected the TV to the Sonos Amp using the TV's HDMI-ARC port. Since there's no centre channel, the Amp uses digital signal processing (DSP) to create a phantom centre channel through stereo imaging. With a Subwoofer of course! We then added a set of wired speakers as rear surrounds and a second Sonos Amp to create the surround sound.



SONY 65" UHD TV ON A MOTORISED MOTION BRACKET WITH A TRIAD CUSTOM SOUNDBAR UNDERNEATH AND THE SONOS AMP. A TRIAD SUBWOOFER IS HIDDEN IN THE JOINERY UNDER THE TV AND TRIAD IN-CEILING REAR SPEAKERS ARE CONNECTED WITH AN ADDITIONAL SONOS AMP. THE PRO-JECT TURNTABLE IS ON DISPLAY ON TOP OF THE JOINERY.



THE KITCHEN/DINING ROOM

ENTERTAINMENT ZONE

The kitchen is the heart of your home, it's where you spend a lot of your time. Whether you love cooking, hosting dinner parties or whether you like to work from the dining table. It is a favourite place to listen to music and a smart TV will connect you to the world of entertainment or Gordon Ramsay's Top 5 fish recipes on Youtube — watch it!

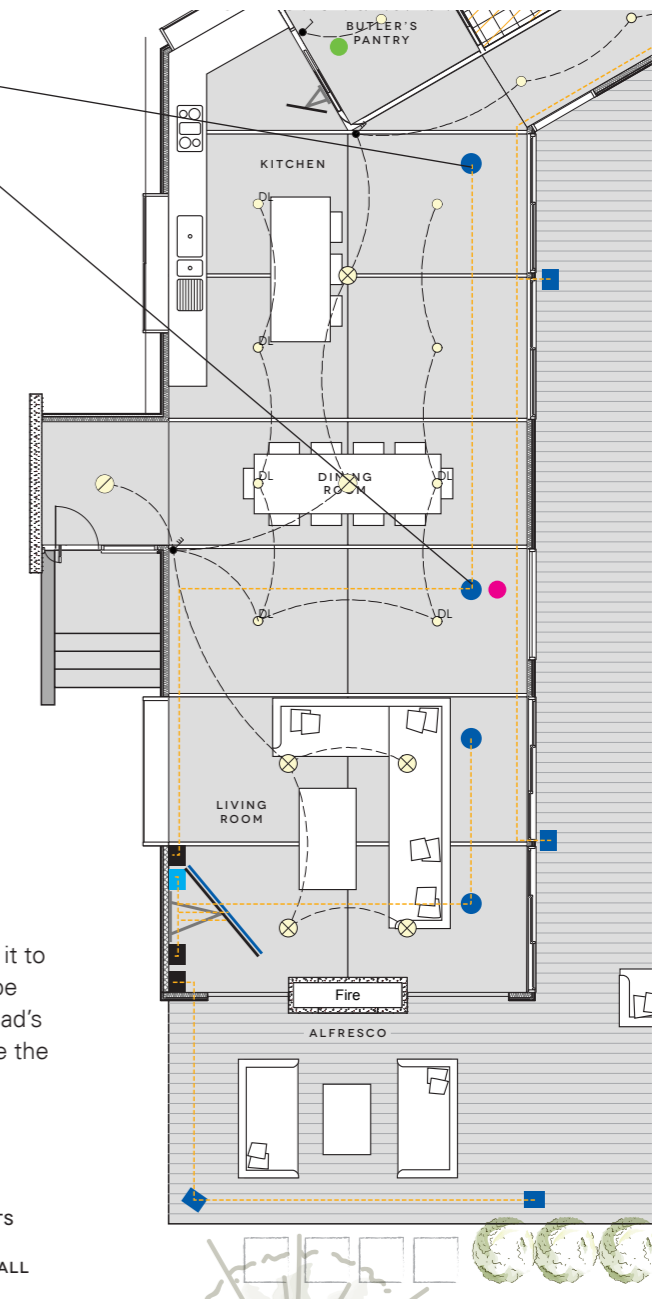
Adding the Triad ceiling speakers with the Sonos Amp to your kitchen brings a beautiful option for background music with dinner or hooking up with the rest of the house in party mode.



SONOS AMP LOCATED UNDER THE TV CONNECTS TWO TRIAD R28 IN-CEILING SPEAKERS

TRIAD R28 IN-CEILING SPEAKERS

The in-ceiling speakers in this room also act as an extension of the audio from the TV in the living room. We have included a TV on a motion bracket in the kitchen.



ALFRESCO

INSIDE OUT

The TV is on a motorised motion bracket allowing it to swivel out toward the outdoor alfresco area and be viewed from the outside, so we have installed Triad's OD26 outdoor weatherproof speakers to continue the sound outdoors.



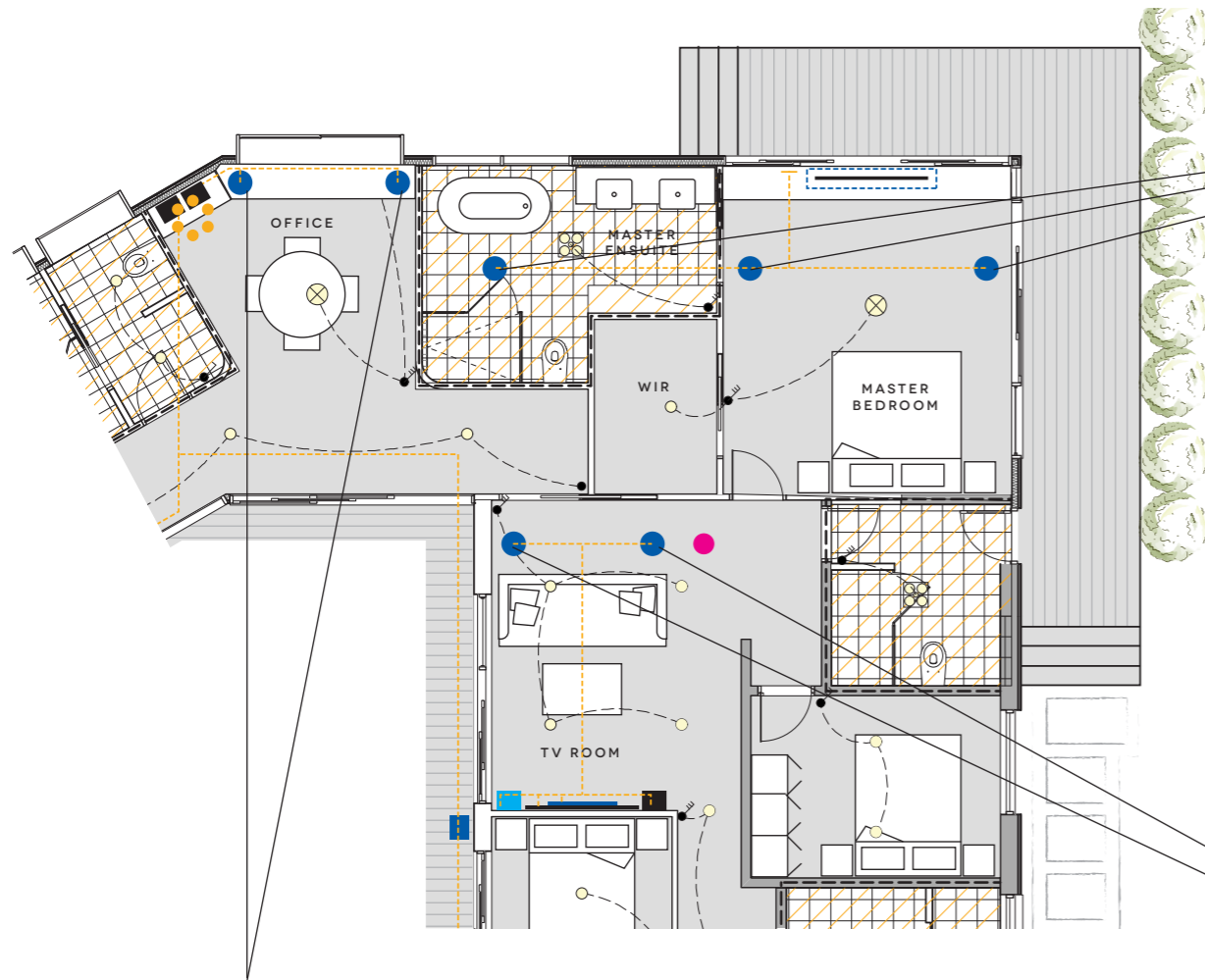
SONOS AMP LOCATED UNDER THE TV CONNECTS TWO TRIAD OD26 OUTDOOR ON-WALL SPEAKERS

THE OFFICE

MIXING BUSINESS WITH PLEASURE

Music has a way of permeating through empty corners and filling up environments with substance. It can help you relax, make you well up in tears, or feel alive.

But can it help you work? Studies would argue that it perhaps isn't the background noise of the music itself, but rather the improved mood that your favourite music creates that is the source of this improvement in productivity. Anyway good moods abound when our favourite Kef LS50 bookshelf speakers are flooding this space with tunes.



SONOS AMP LOCATED IN THE RACK CONNECTED TO A PAIR OF KEF LS50 BOOKSHELF SPEAKERS

KEF BOOKSHELF SPEAKERS

Sonos Amp will connect sound to the speakers of your choice. In this room, we have a beautiful pair of KEF LS50 bookshelf speakers connected to a Sonos Amp to make it part of the whole home audio zone.

MASTER BEDROOM/ENSUITE

AMP IT UP IN THE BEDROOM

We spend more hours here than anywhere else in the home so why not have a little hidden entertainment to enjoy once in a while. We have fitted the Sony TV to a motorised motion bracket that hides away below floor level in a seat-high cabinet when not in use. To compliment this, we installed in-ceiling speakers for music and TV sound and to wake up to your favourite radio station in the morning. We also extended the speaker cable into the bathroom so you can carry on listening to your favourite tunes while you are preparing for the day.



SONOS AMP LOCATED IN THE BEDROOM JOINERY UNIT CONNECTED TO THE AUDIO RETURN CHANNEL (ARC) OF THE BEDROOM TV CONNECTING BEDROOM AND ENSUITE SPEAKERS AS A SINGLE ZONE.

TRIAD R28 IN-CEILING SPEAKERS

The Sonos Amp can connect to four speakers, twice as many as before. The power output has been doubled; the new Amp delivers 125 watts per channel with an impressive signal-to-noise ratio of 116dB and low harmonic distortion measurement of 0.1 percent.

THE TV ROOM

SOUND CLARITY WITHOUT THE DISTURBANCE

This TV room is located close to bedrooms and although the TV room is a place where we can sit back, relax and watch a good movie, we also do not want the sound travelling into adjacent rooms where kids and other family members might be resting. In situations like this, we would specify the Triad Silver Sealed in-ceiling speakers. These speakers have a fully sealed back that stops sound travelling back into the walls or ceiling to rooms above or adjacent.



WALL MOUNTED TV, SONOS BEAM AND SONOS SUB WITH WALL MOUNTED SONOS AMP CONNECTED TO THE TRIAD SILVER SEALED SPEAKERS.

TRIAD SILVER SEALED SPEAKERS

The sealed-back design reduces transfer of sound to adjacent rooms and provides a predictable, uniform sound throughout the home. Because of this, these speakers are great for use in rooms where noise need to be kept low if adjacent rooms are bedrooms or an office or library.

OUTDOOR LIVING

INSIDE OUT

Outdoor TV's or large projection screens with projectors, and speakers installed around patios, pools and spas transforms ordinary outdoor spaces into extraordinary outdoor living areas, turning outdoor spaces into luxurious entertainment areas.

This is a very unique outdoor space that has 'shelter' all around creating a beautiful external room ready to be filled with sound. We have chosen Triad's OD26 Outdoor Weatherproof speakers to create this outdoor surround sound setting.

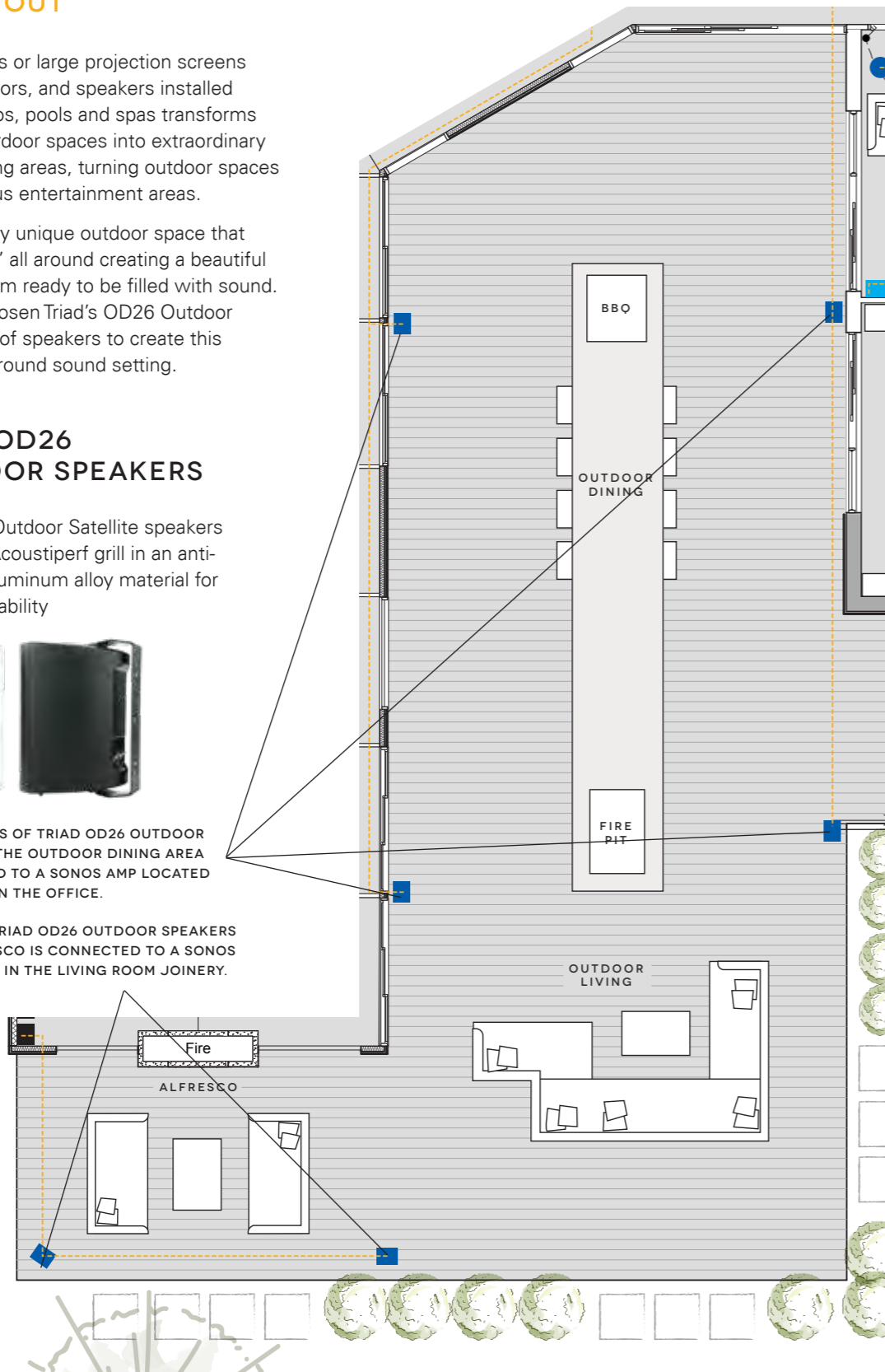
TRIAD OD26 OUTDOOR SPEAKERS

The OD26 Outdoor Satellite speakers feature an Acoustiperf grill in an anti-corrosion aluminum alloy material for outdoor durability



THE TWO PAIRS OF TRIAD OD26 OUTDOOR SPEAKERS IN THE OUTDOOR DINING AREA IS CONNECTED TO A SONOS AMP LOCATED IN THE RACK IN THE OFFICE.

THE PAIR OF TRIAD OD26 OUTDOOR SPEAKERS IN THE ALFRESCO IS CONNECTED TO A SONOS AMP LOCATED IN THE LIVING ROOM JOINERY.

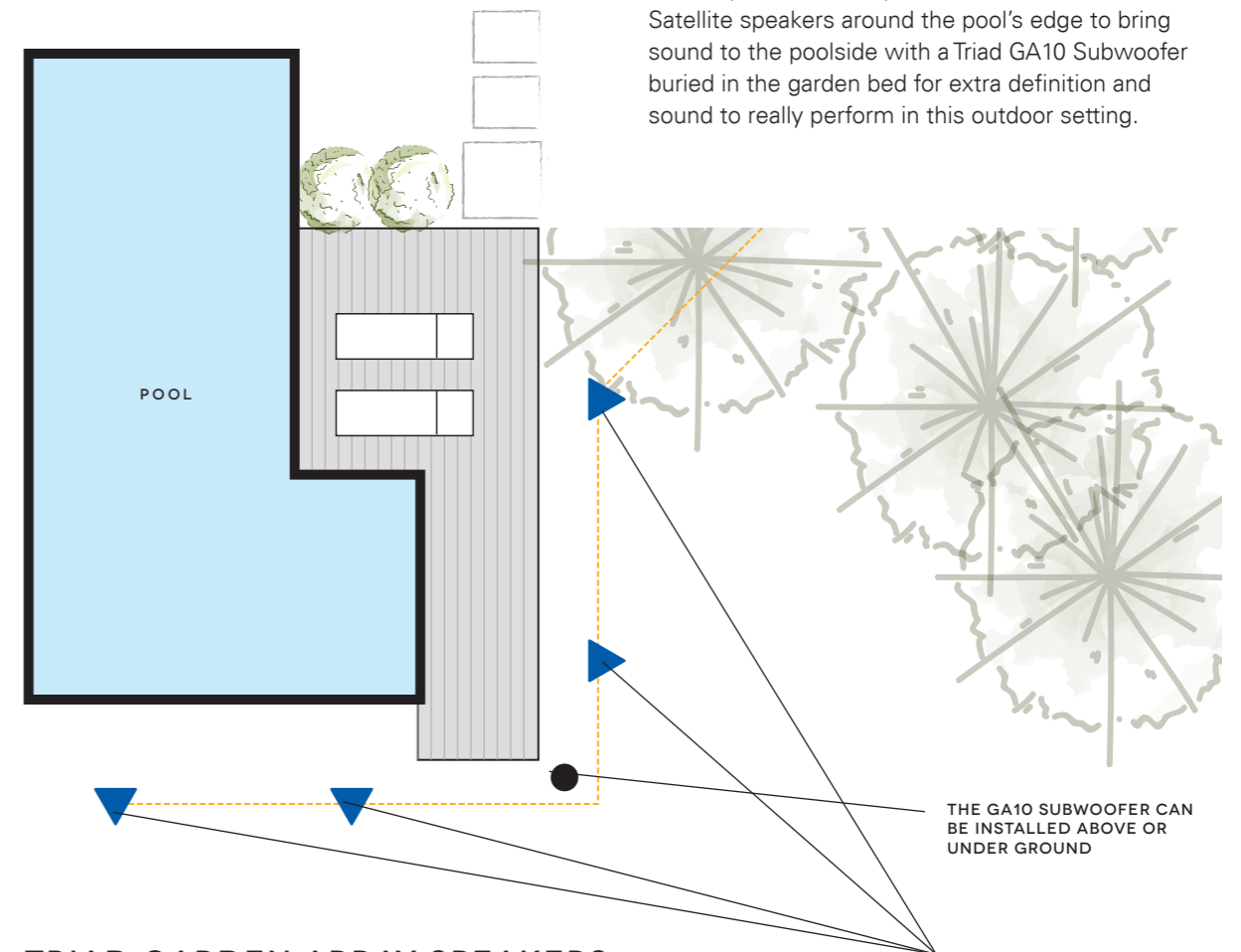


THE POOL

HEARD BUT NOT SEEN

Poolside music and entertainment is very desirable. The pool features a raised elevation and the Triad Garden Array GA4 Satellite speaker and powerful GA10 Subwoofer are designed to be placed throughout the garden blanketing outdoor spaces with rich, beautiful audio. The Subwoofer is designed for both above and below ground installations so the bass can be located exactly where you want it—on the patio or deck, or buried near a pool, gazebo, or pergola.

For the pool zone, we positioned four Triad GA4 Satellite speakers around the pool's edge to bring sound to the poolside with a Triad GA10 Subwoofer buried in the garden bed for extra definition and sound to really perform in this outdoor setting.



THE GA10 SUBWOOFER CAN BE INSTALLED ABOVE OR UNDER GROUND

TRIAD GARDEN ARRAY SPEAKERS AND SUBWOOFER

The Sonos Amp comfortably connects the 4 Triad Garden Array Speakers onto the same home audio system and the versatility of this set up means you can create as many different outdoor zones as you desire with the flexibility to work with any number of speakers you require to create your ideal outdoor setting.



SONOS AMP POWERING FOUR TRIAD GA4 ARRAY SPEAKERS IS LOCATED IN THE GARAGE TOGETHER WITH THE TRIAD RACKAMP 300 THAT POWERS THE G10 SUBWOOFER.

OUR HAND PICKED BRANDS

NETWORK			
AUTOMATION AND LIGHTING			
CURTAINS AND BLINDS			
SECURITY			
ENTERTAINMENT			

MY ENTERTAINMENT LIST

LIVING ROOM SURROUND SOUND

- SONY 4K UHD TV – 55" / 65" / 75" / 85"
- TRIAD SOUNDBAR AND SUB
- PAIR OF TRIAD R28 IN-CEILING SPEAKERS
- SONOS BEAM AND SUB
- SONOS ONE SPEAKERS
- WALL MOUNT BRACKETS
- FLOOR STANDS

OFFICE

- KEF LS50 BOOKSHELF SPEAKERS
- PAIR OF TRIAD R28 IN-CEILING SPEAKERS

ALFRESCO

- SONY 4K UHD TV – 55" / 65" / 75" / 85"
- PAIR OF TRIAD OD26 OUTDOOR SPEAKERS

POOL / GARDEN

- SET OF 4 TRIAD GA4 GARDEN ARRAY SPEAKERS
- TRIAD GARDEN ARRAY GA10 SUB
- PAIR OF TRIAD OD26 OUTDOOR SPEAKERS

PROJECT DETAILS

FIRST NAME _____ LAST NAME _____

MOBILE _____ EMAIL _____

STREET ADDRESS _____

SUBURB _____ POSTCODE _____

KITCHEN / DINING ROOM

- SONY UHD TV – 32"
- TRIAD R28 IN-CEILING SPEAKERS

MASTER BEDROOM

- SONY 4K UHD TV – 55" / 65" / 75" / 85"
- PAIR OF TRIAD R28 IN-CEILING SPEAKERS

MASTER ENSUITE

- TRIAD R28DT IN-CEILING SPEAKER

ADDITIONAL BEDROOMS

- PAIR OF TRIAD R28 IN-CEILING SPEAKERS

POWDER ROOM

- TRIAD R28DT IN-CEILING SPEAKER

TV ROOM SURROUND SOUND

- SONY 4K UHD TV – 55" / 65" / 75" / 85"
- TRIAD SOUNDBAR AND SUB
- PAIR OF TRIAD R28 IN-CEILING SPEAKERS
- SONOS BEAM AND SUB
- SONOS ONE SPEAKERS
- WALL MOUNT BRACKETS
- FLOOR STANDS



EXPECT THE BEST

Purpose Group is a technology and entertainment business passionate about delivering the world's best networks, smarter lighting, leading edge automation systems and providing the finest entertainment solutions for exceptional home living experiences.

