

DALI

IN ADMIRATION OF MUSIC

DALI equi wireless

Listen the way you want to.

Technology changes, but great sound will always be best on great speakers. With cutting edge wireless technology and more than 35 years of expertise in speaker design, we bring a new kind of convenience to sublime sound reproduction.

Enjoy pure HiFi stereo and surround sound in an easy-to-use package – we call it DALI EQUI.



DALI equi wireless

Wireless Surround

Build a complete surround sound system with the new OBERON VOKAL C centre-channel speaker, HDMI module and more.

Fantastic sound and wireless convenience.

Wireless Stereo HiFi

Improved streaming possibilities with the BluOS NPM-2i module and a great new speaker - the RUBICON 8 C.



OBERON VOKAL C



RUBICON 8 C

Wireless active stereo HiFi with SOUND HUB or SOUND HUB COMPACT

Create a compact but powerful wireless HiFi stereo system around a SOUND HUB COMPACT and a pair of OBERON 1 C.

Or go big with a SOUND HUB, a pair of floor standing OBERON 7 C or RUBICON 8 C, and the BluOS NPM-2i expansion module for BluOS streaming and AirPlay 2.





Wireless surround with the SOUND HUB and the HDMI expansion module

Adding the easy-to-install HDMI module to your SOUND HUB lets you create a fully wireless active surround system (up to 7.1).

With the addition of the OBERON VOKAL C, the EQUI family now has a dedicated, wireless active centre channel speaker, bringing greater clarity to the all-important dialogue in TV and movies.

The bass frequencies are an important part of a convincing home- cinema experience - so much so, that there is even a dedicated channel for low frequency sound. This is the .1 in 5.1 or 7.1, and is best heard with a good subwoofer.

For EQUI, we have created a device that lets you add any active subwoofer to your system - the Wireless Subwoofer Receiver.

SOUND HUBS

The brains in any EQUI system, the SOUND HUB and SOUND HUB COMPACT, are wireless streaming preamplifiers capable of streaming high-resolution sound to DALI active wireless speakers in the OBERON C, CALLISTO C, and RUBICON C series.

The purpose of EQUI is to achieve the greatest level of connectivity and flexibility without compromising the HiFi sound experience. This has led us to place much of the functionality in external units, rather than inside the speakers themselves.

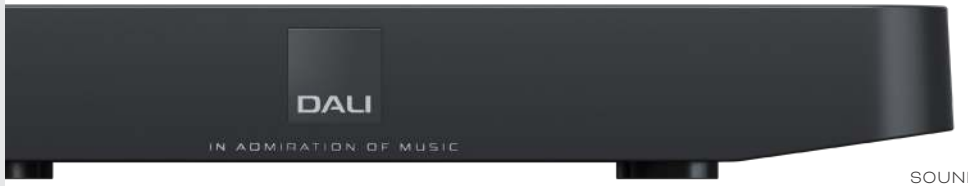
You can easily connect both wired sound sources (analogue and digital) and wireless sources, such as Bluetooth and BluOS (SOUND HUB only).

The simplicity of the interface means you don't need to open a complicated app just to listen to music. The absence of speaker cables lets you place the SOUND HUB or SOUND HUB COMPACT – and your CD-player, turntable, and music streamer – wherever you want.

Our design approach also paves the way for future upgrades of your EQUI system, from the SOUND HUB's expansion modules to an upgrade of your speakers.



SOUND HUB



SOUND HUB
COMPACT

SOUND HUB

The SOUND HUB is the ideal partner for active wireless speakers in the DALI EQUI family (OBERON C, CALLISTO C, and RUBICON C series).

Born with Bluetooth input, as well as both analogue and digital inputs, the SOUND HUB is extremely capable out of the box.

Its full potential, however, is realized through its two expansion ports, offering users new and improved functionality by installing additional modules as they become available.





NPM-2i module



HDMI module

Next level streaming – with the BluOS expansion module

The BluOS NPM-2i expansion module for the SOUND HUB lets you stream music from a wealth of sources.

BluOS is an advanced network streaming technology that gives you easy access to your favourite streaming services, internet radio or local network-attached storage.

It lets you create a wireless multiroom system, using the BluOS app (see **www.bluos.net** for more).

Wireless Surround – with the HDMI expansion module

Now you can build a complete, wireless surround system with DALI active wireless speakers. Add the HDMI expansion module to your SOUND HUB for **HDMI ARC** and **eARC** connectivity, allowing you to stream surround sound wirelessly from your TV. Both Dolby and DTS formats are supported, in configurations up to 7.1 channels.

What is HDMI ARC & eARC?

HDMI ARC (Audio Return Channel) lets you send audio from your TV to the SOUND HUB or SOUND HUB COMPACT.

HDMI eARC is a more powerful technology supporting multi-channel audio (SOUND HUB only).

SOUND HUB COMPACT

The SOUND HUB COMPACT is the scaled-down version of the SOUND HUB. It does not support expansion modules; however, it will serve as the perfect “brain” in a system built for great sounding HiFi stereo.

Inputs include Bluetooth as well as analogue and digital inputs and a subwoofer output. It also comes with an HDMI ARC input and is compact enough to be hidden behind a flat-screen TV, making for a very unobtrusive TV-audio solution.

Create a fantastic sounding stereo system with a SOUND HUB COMPACT and any of the speakers from the DALI EQUI series. You are free to mix and match based on your needs.



Simple and clear interface makes it easy to switch inputs and change volume level.



DALI Active Wireless Speakers

Meet our EQUI-compatible speakers:
all with powerful built-in Class-D amplifiers and advanced DALI driver technology.



RUBICON 2 C RUBICON 6 C RUBICON 8 C

RUBICON C series

High-end HiFi speakers combining unforgettable musical experiences with wireless convenience.

RUBICON 8 C - the new flagship of the RUBICON C series, with more of everything.



OBERON ON-WALL C

OBERON C series

Award-winning HiFi speakers with great sound and tasteful finishes.

OBERON C VOKAL - a dedicated centre-channel speaker that lets you build a complete wireless surround system.



OBERON 7 C



OBERON 1 C



OBERON VOKAL C





WSR

DALI WSR
Complete your movie experience

Truly immersive surround sound is best with a subwoofer. If you already have an active subwoofer you like, the DALI WSR (Wireless Subwoofer Receiver) is just the ticket to integrate it into an EQUI wireless surround system: Simply connect the sub out jack to the subwoofer input and power the WSR from a USB-C power supply.

Now your subwoofer is officially a part of your active wireless surround system!

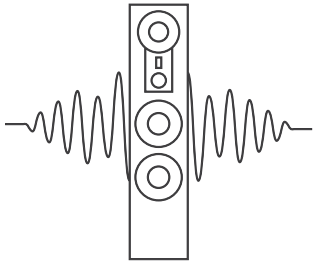




Wireless technology

The SOUND HUB and SOUND HUB COMPACT wireless connection protocol is a proprietary and highly stable 30-bit digital stream broadcast over the 5.2 GHz or the 5.8 GHz band.

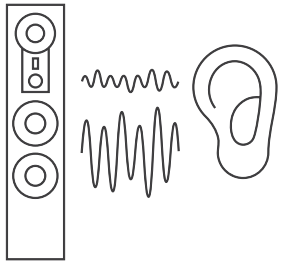
The robust wireless connection means that speakers can be placed as much as 10m away from a SOUND HUB or SOUND HUB COMPACT without risk of connection failure or temporary signal interruptions.



ZERO LOSS

Zero Loss volume control is handled at the end of the digital signal chain – in the speakers themselves. This ensures that volume adjustment does not result in data loss through truncation of the digital word length.

By placing speaker volume control at the end of the digital signal chain, directly before the digital to analogue conversion stage, a full 24-bit digital resolution is retained at all volume levels.



LOW LATENCY

The total system latency is extremely low at under 15mS, meaning that the signal delay from input to speaker is so low, that you will experience no loss of lip-sync in audio-visual systems.

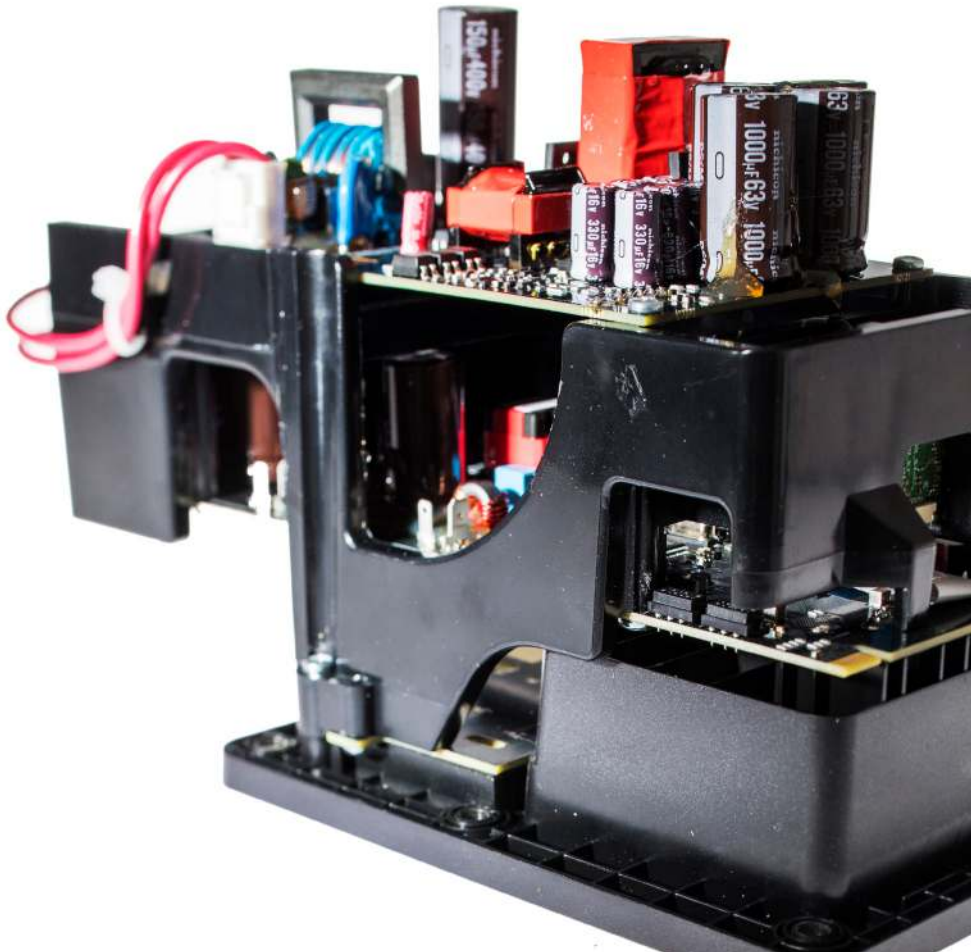
The latency between stereo channels down to about 1 sample, which, at the systems available sampling frequency of 96 kHz, is as vanishingly little as 10uS. This results in an extremely stable stereo image and is a big part of why EQUI sounds so good.

Speaker-matched amplifiers

Active speakers have several advantages over passive speakers. In OBERON C, CALLISTO C, and RUBICON C speakers, each speaker driver is connected directly to its own Class-D amplifier, thus avoiding the problems of electrical loss and impedance variation inherent in passive crossover filters.

Instead, the necessary frequency filtering is done with active filters placed before the amplifier. Because these filters are implemented in the digital domain, before the digital-to-analogue conversion, they achieve much greater precision than their analogue counterparts - with none of the losses and impedance problems.

With DALI active wireless speakers, you don't need to worry about matching your speakers with external amplifiers:
The built-in Class-D power amplifiers and the SOUND HUB and SOUND HUB COMPACT acting as streaming preamplifiers are the perfect package for your EQUI system.



DALI SOUND HUB

INPUTS

2x OPTICAL AUDIO/TV
(TOSLINK)

COAX
(S/PDIF)

RCA
Analogue stereo

3.5 mm Stereo

2x Plug-in module

Bluetooth®

Qualcomm® aptX™ HD

OUTPUTS

Stereo Pre-out
(RCA)

SUB Out (RCA)

USB Charge Output
(5V/1A)

NPM-2I MODULE

BluOS

Works with Apple AirPlay

AirPlay 2

Spotify

TIDAL connect

MQA

HDMI MODULE

HDMI
ARC + eARC

DOLBY DIGITAL

dts

SOUND QUALITY

Full 24 Bit / 96kHz
(No bit-loss attenuated)



DALI SOUND HUB COMPACT

INPUTS

2x OPTICAL
AUDIO/TV (TOSLINK)

RCA
Analogue stereo

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE
ARC

Bluetooth®
Bluetooth 5.0

OUTPUTS

SUB Out (RCA)

USB Charge Output
(5V/1A)

SOUND QUALITY

Full 24 Bit / 96kHz
(No bit-loss attenuated)



Valid SOUND HUB Multi-channel Speaker Arrangements

Format	Left front	Right front	Centre	Left surround	Right surround	Left rear surround	Right rear surround	Sub
2.0	✓	✓						
2.1	✓	✓						✓
3.0	✓	✓	✓					
3.1	✓	✓	✓					✓
4.0	✓	✓		✓	✓			
4.1	✓	✓		✓	✓			✓
5.0	✓	✓	✓	✓	✓			
5.1	✓	✓	✓	✓	✓			✓
6.0	✓	✓		✓	✓	✓	✓	
6.1	✓	✓		✓	✓	✓	✓	✓
7.0	✓	✓	✓	✓	✓	✓	✓	
7.1	✓	✓	✓	✓	✓	✓	✓	✓

Note

Currently, the OBERON VOKAL C is the only dedicated active wireless centre speaker in the EQUI family, but if you wish, you can use any EQUI speaker in the centre position.

DALI SOUND HUB SPECS

Connection Input	· 2 x Optical (TosLink) · Coax (S/PDIF) · RCA (Analogue Stereo) · 3.5 mm Mini Jack · 2 x Plug-In Module
Connection Output	· Stereo Line Level (RCA) · SUB Out (RCA) · USB Charge Output (5V/1A)
Wireless Input(s)	Bluetooth (AAC, Apt-X, Apt-X HD)
Wireless Output	Full 24 Bit / 96 kHz (No bit-loss attenuated)
Wireless Audio RF Band [MHz]	5725-5875 MHz
Max. Digital Resolution [bits/kHz]	24 / 96
Max. Power Consumption [W]	4.5
Standby Power Consumption [W]	2.5
Dimensions (HxWxD) [mm]	76 x 300 x 213
Weight [kg]	1.6
Input Impedance RCA [Ω]	10k
Input Sensitivity RCA [V]	2.3
Input Impedance 3.5mm Mini-jack [Ω]	10k
Input Sensitivity 3.5mm Mini-jack [V]	1.2
Input Impedance S/PDIF [Ω]	75
Output Voltage Max. Line Level [V]	1.9
Output Voltage Max. Sub-Out [V]	0.9
Input Mains Voltage [Volts]	Universal AC Mains Adapter (1.75 m wire length)

BluOS NPM-2i

Connection Input	· LAN · 2 x USB
Surround formats	· BluOS · AirPlay 2 · Spotify Connect · Tidal Connect

DALI SOUND HUB COMPACT SPECS

Connection Input	· 2 x Optical (TosLink) · RCA (Analogue Stereo) · HDMI ARC
Connection Output	· SUB Out (RCA) · USB Charge Output (5V/1.5A)
Wireless Input(s)	Bluetooth 5.0 (AAC, aptX, aptX HD)
Wireless Output	Full 24 Bit / 96 kHz (No bit-loss attenuated)
Wireless Audio RF Band [MHz]	5150-5250 MHz / 5725-5875 MHz (excluding Japan)
Max. Digital Resolution [bits/kHz]	24 / 192
Max. Power Consumption [W]	2.8
Standby Power Consumption [W]	1.7
Dimensions (HxWxD) [mm]	30 x 212 x 132
Weight [kg]	0.5
Input Impedance RCA [Ω]	7.2k
Input Sensitivity RCA [V]	3.0 Vp
Output Voltage Max. Sub-Out [V]	1.7 V RMS
Input Mains Voltage [Volts]	9V DC power supply (universal 100-240 VAC)

DALI WSR

Connection outputs	Sub Out (RCA)
Input Mains Voltage [Volts]	USB-C power

HDMI module

Connection Input	· HDMI ARC · HDMI eARC
Surround formats	· Dolby, DTS (up to 7.1)


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