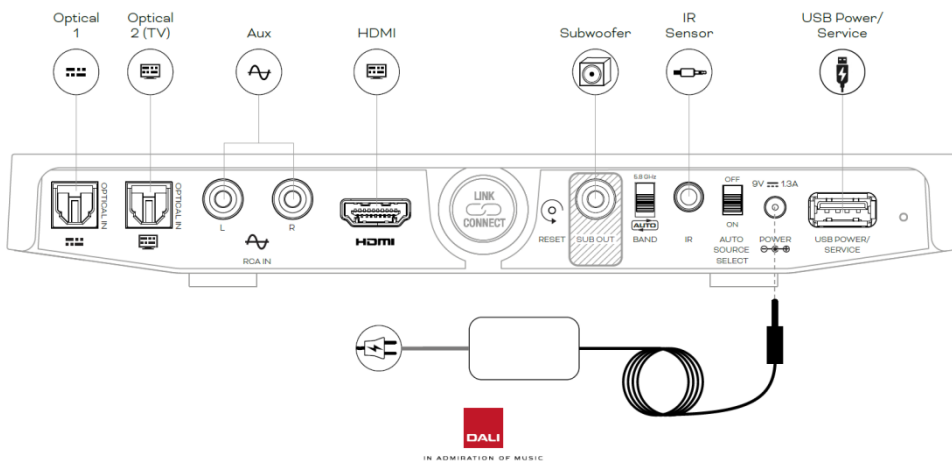


# DALI SOUND HUB COMPACT

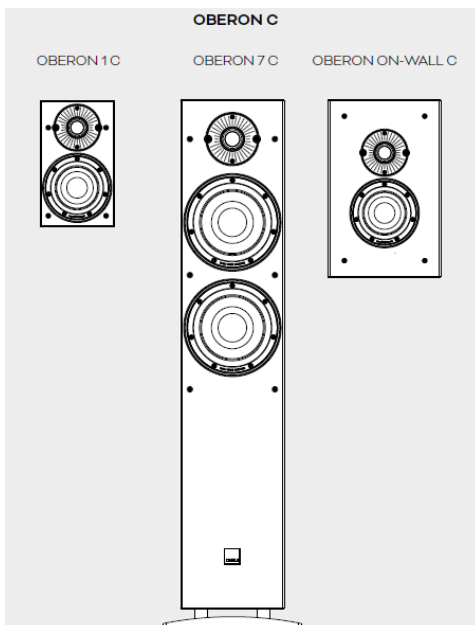
The DALI SOUND HUB COMPACT is a control preamplifier and source selection hub for DALI wireless speaker systems such as the OBERON C. The DALI SOUND HUB COMPACT accepts both conventional wired audio sources and Bluetooth audio streams and broadcasts them wirelessly to connected active speakers. Source selection and volume control is provided by an infrared remote control.

## 1. SOUND HUB COMPACT OVERVIEW

DIAGRAM 1



The DALI SOUND HUB COMPACT can be used with different compatible active speakers like the OBERON C series:



The DALI SOUND HUB COMPACT audio stream is sent wirelessly to the speakers using a protocol called KLEERNET. The wireless audio stream uses 5150-5250MHz and 5725-5875 MHz bands to transmit the audio from the SOUND HUB COMPACT to the speakers.

The integrated KLEERNET Module is already modular approved under FCC ID: ZUC-DWAM83TB and IC: 23522-DWAM83TB. Permissive Change Class 2 for the Frequency range 5150-5250 MHz is pending.

Bluetooth function is part of this certification process, for the Bluetooth connection Bluetooth version 5.0 (GFSK,  $\pi/4$  DPSK, 8DPSK) is used, the Bluetooth Low Energy function is disabled by firmware and not used in the DALI SOUND HUB COMPACT.

The unintentional function of the DALI SOUND HUB COMPACT will be approved under the sDOC procedure.