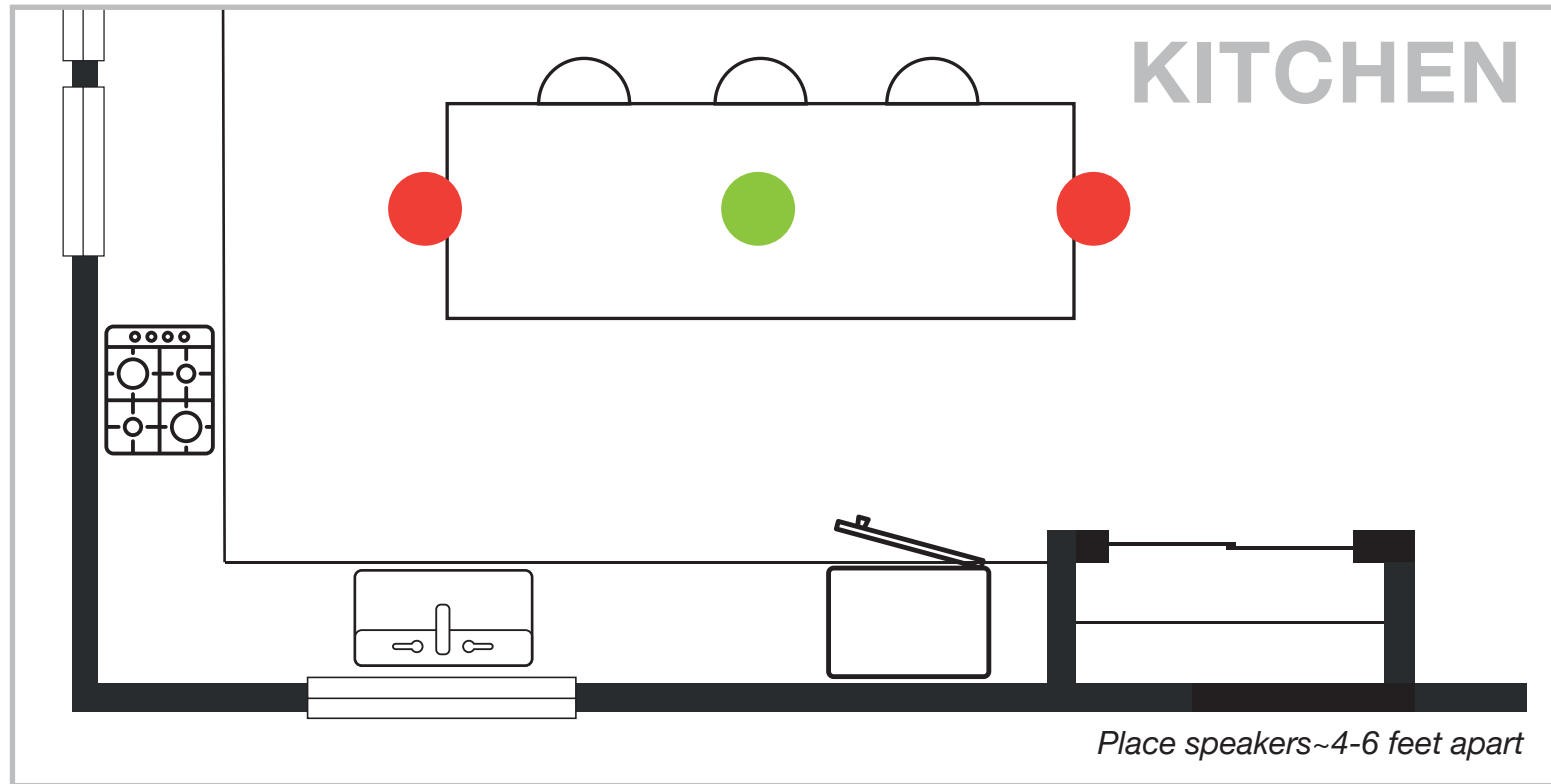# Audio System Wiring Guide for Premium 3.5" Audio System for Small Openings and SC4-100 Amplifier

Example: Small Kitchen, 2.1 System
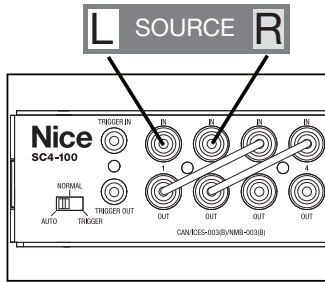
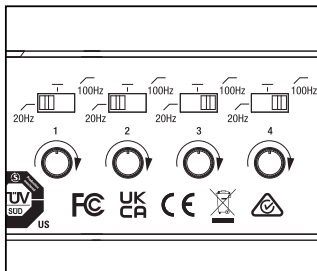SC-IC3 Speakers and SC-IC-SUB8 Subwoofer
Connected to SC4-100 Amplifier

KITCHEN

Place speakers~4-6 feet apart

🔴 SC-IC3 Speaker   🟢 SC-ICSUB8 Subwoofer

2.1 Wiring to SC4-100 Amplifier

L SOURCE R

Nice
SC4-100

TRIGGER IN
IN IN IN IN

NORMAL
AUTO TRIGGER
TRIGGER OUT

OUT OUT OUT OUT

CAN/ICES-003(B)/NMB-003(B)

Patch 1 & 2 OUT to
3 & 4 IN

HP Filter Settings

100Hz 100Hz 100Hz 100Hz
20Hz 20Hz 20Hz 20Hz
1 2 3 4

Ch 1 & 2 – Subwoofer – 20Hz
Ch 3 – Speakers – 100 Hz
Ch 4 – Speakers – 100Hz

CLASS 2 WIRING

OFF ON
BRIDGE

CLASS 2 WIRING

1 2 3 4

Ch-4
8 ohms

Ch-3
8 ohms

Ch-2
8 ohms

Ch-1
8 ohms

Dual Voice Coil Sub
Remove shorting bars!
(metal jumpers)

Example: Dining Room 4.1

DINING

Place speakers~4-6 feet apart

🔴 SC-IC3 Speaker   🟢 SC-ICSUB8 Subwoofer
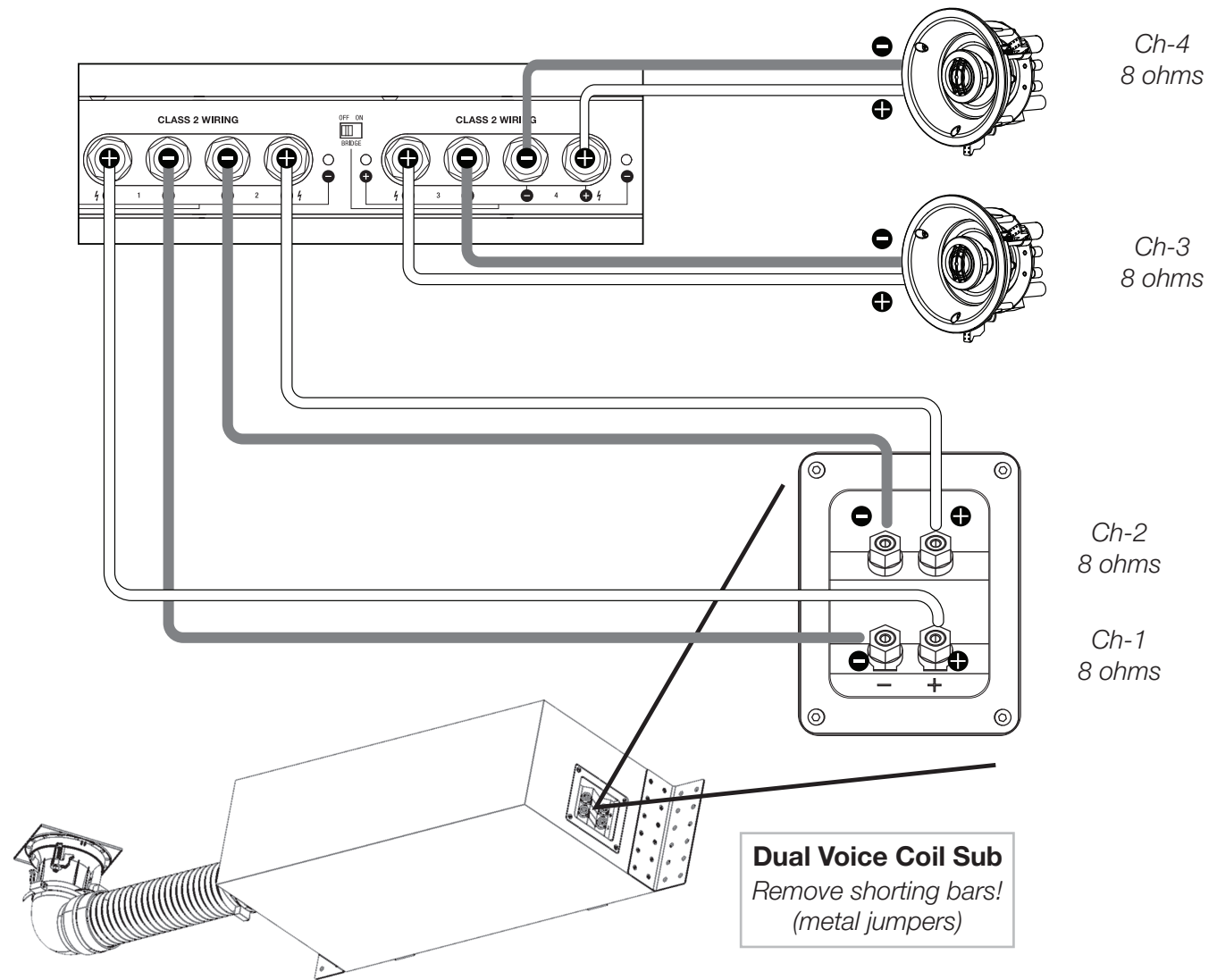
4.1 Wiring to SC4-100 Amplifier
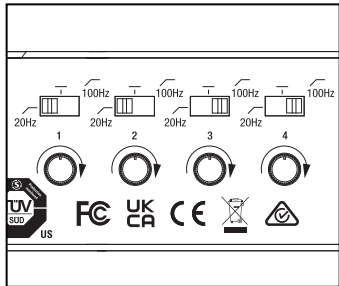
L SOURCE R

Nice
SC4-100

Patch 1&2 OUT to 3&4 IN

HP Filter Settings

Ch 1&2 – Subwoofer – 20Hz
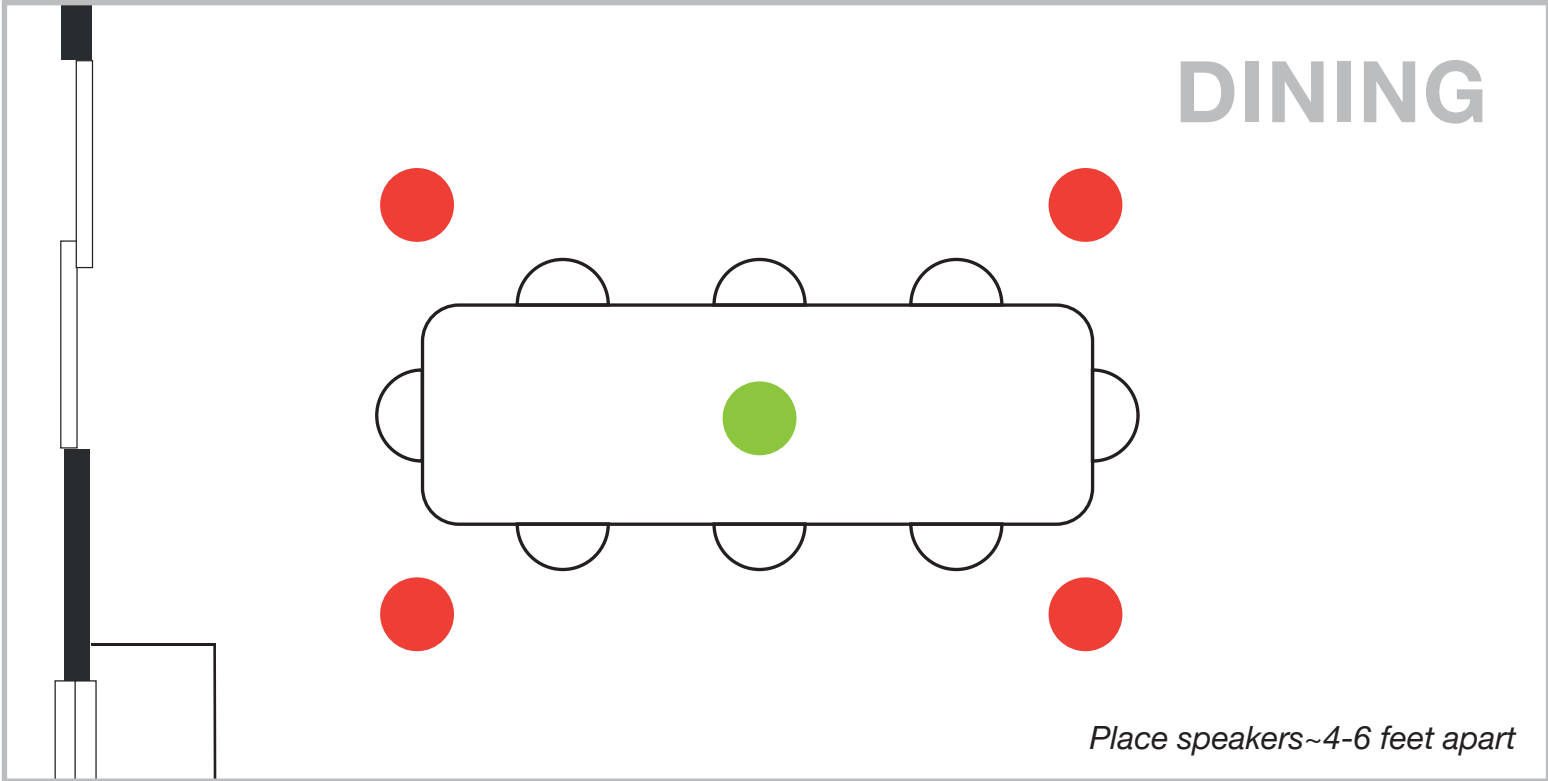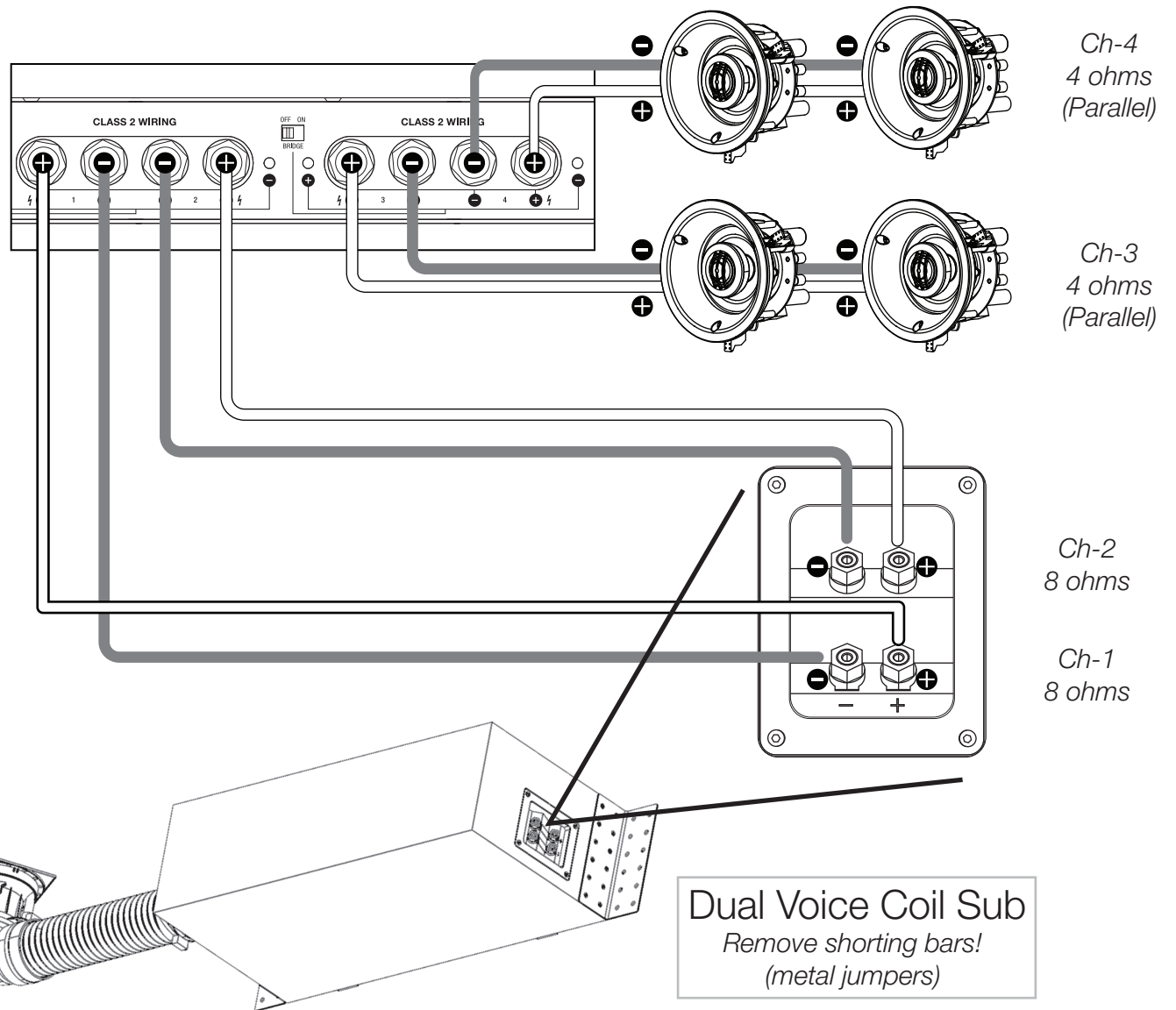Ch 3 – Speakers – 100 Hz
Ch 4 - Speakers - 100Hz

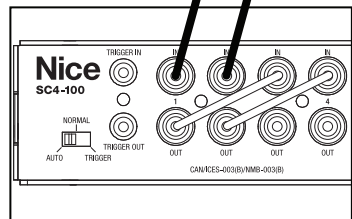CLASS 2 WIRING   OFF ON   CLASS 2 WIRING
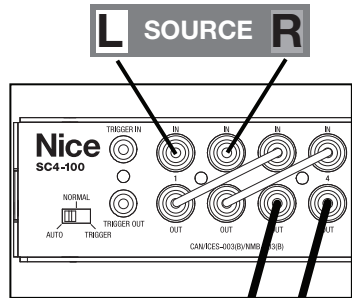   BRIDGE

Ch-4
4 ohms
(Parallel)

Ch-3
4 ohms
(Parallel)

Ch-2
8 ohms

Ch-1
8 ohms

Dual Voice Coil Sub
Remove shorting bars!
(metal jumpers)

Example: Living Space 8.2

LIVING

More Speakers = More even coverage at a lesser volume
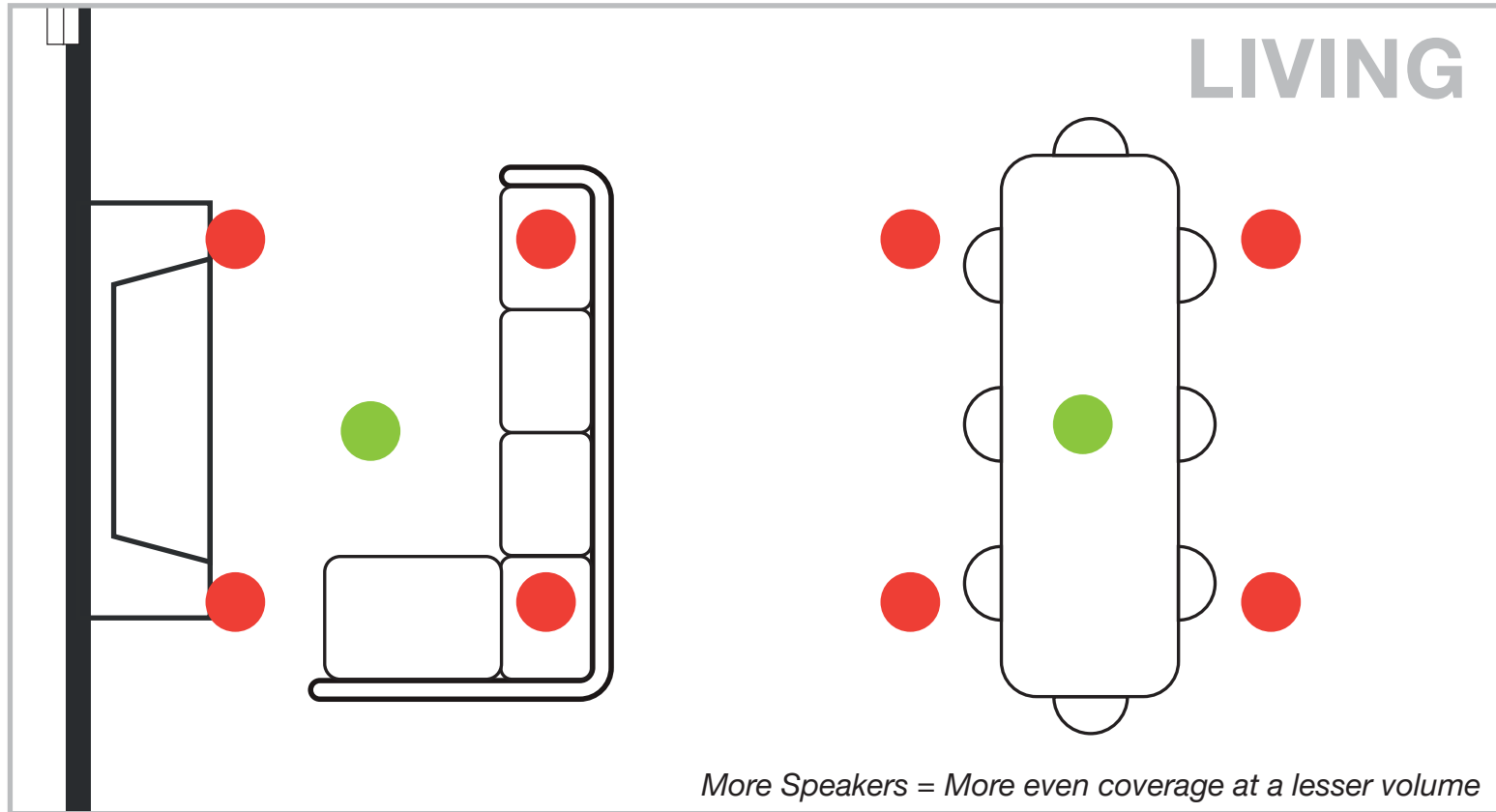
🔴 SC-IC3 Speaker   🟢 SC-ICSUB8 Subwoofer
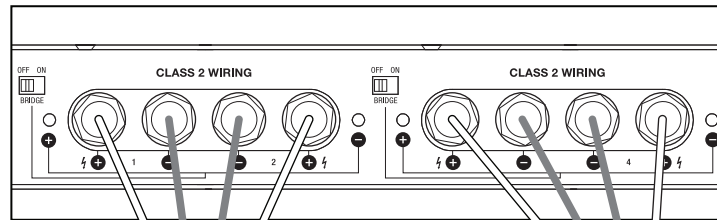
8.2 Wiring two SC4-100 Amplifiers

L SOURCE R

Nice SC4-100

Nice SC4-100

Patch 1&2 OUT to 3&4 IN
on both amps
and
Patch 3&4 OUT of first amp
to 1&2 IN of second amp

Ch-4
4 ohms
(Parallel)

Ch-3
4 ohms
(Parallel)

Ch-2
4 ohms
(Parallel)

Ch-1
4 ohms
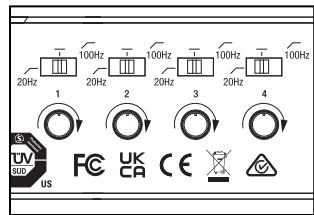(Parallel)
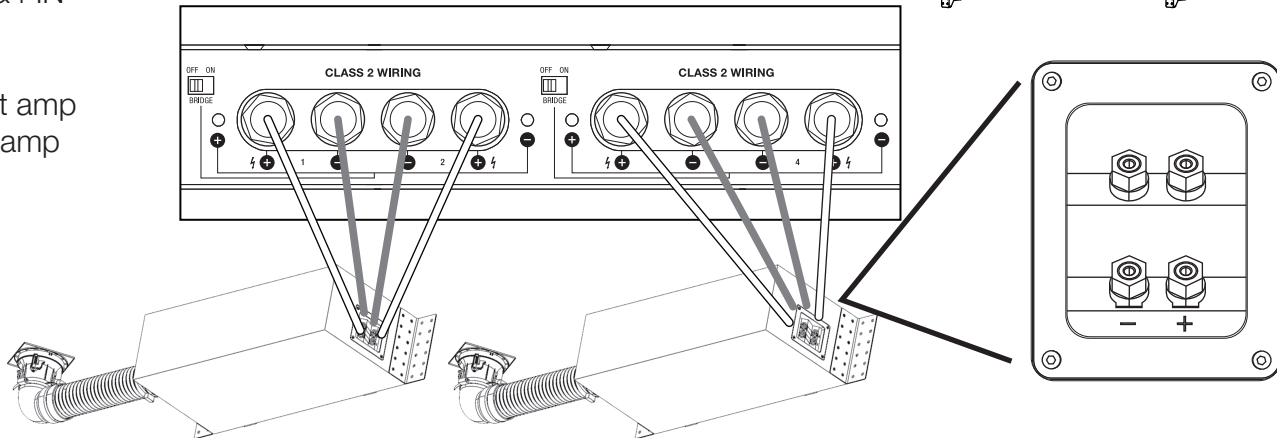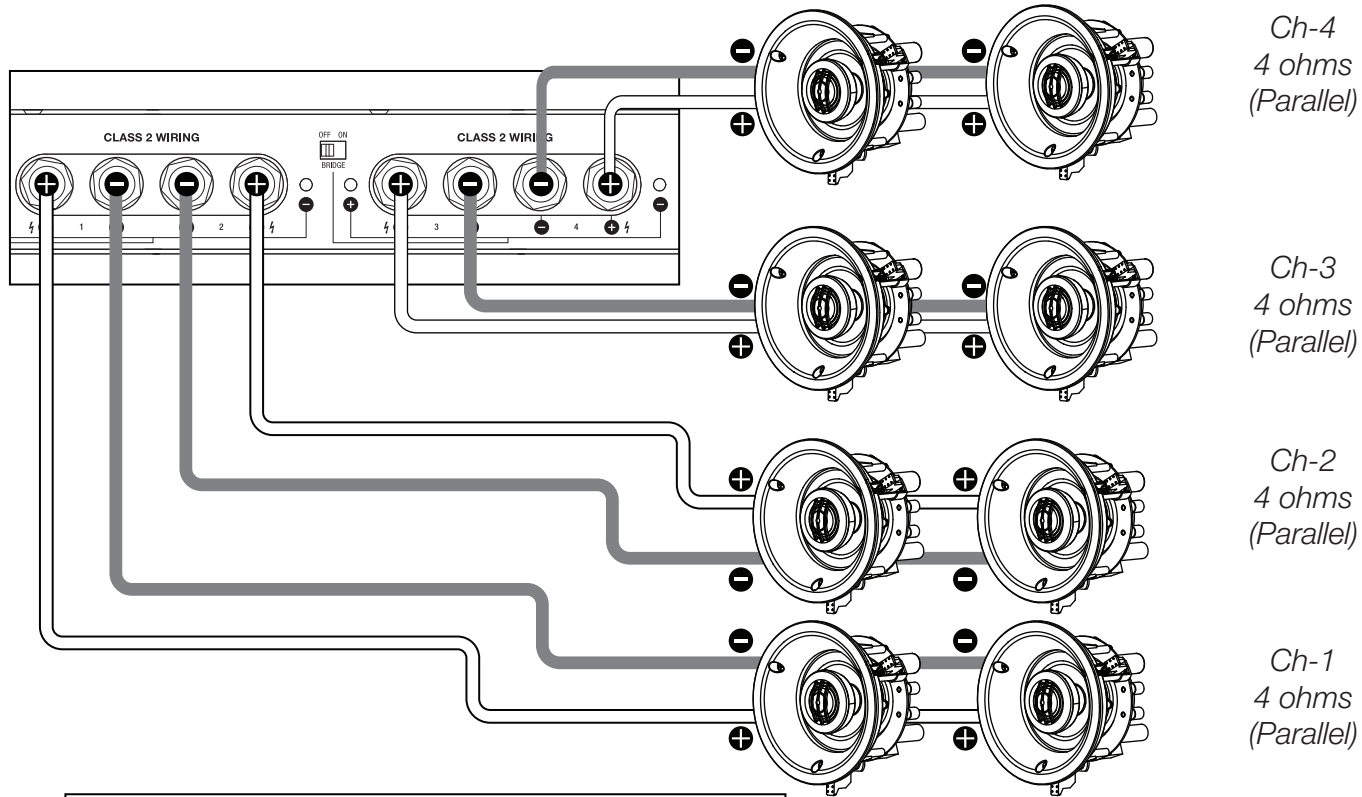
Dual Voice
Coil Subwoofers
Remove shorting bars!
(metal jumpers)

Example: Multi-Zone 12.0

(Full range speakers with EL-IPD-MTX-8CH and SC4-100)

Nice
EL-IPD-MTX-8CH Multi Zone Audio Matrix
32 mm x 8 mm   45 mm x
MAC ID   Serial No.
ANALOG OUT
1   3
2   4

Nice
SC4-100
TRIGGER IN
NORMAL
AUTO   TRIGGER
TRIGGER OUT   OUT   OUT   OUT   OUT
1   2   3   4
CAN/ICES-003(B)/NMB-003(B)
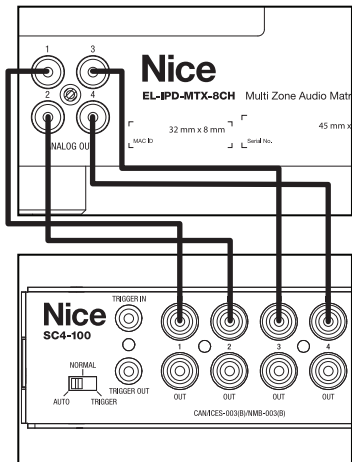
1,2,3,4 Analog OUT goes into 1,2,3,4 IN on amp

100Hz   100Hz   100Hz   100Hz
20Hz   20Hz   20Hz   20Hz
1   2   3   4
UV SUD   FC   UK CA   CE
US

SC4 switches in flat mode

KITCHEN

MASTER BATH

MASTER BEDROOM

LAUNDRY

H. BATH

M. CLO   W. CLO

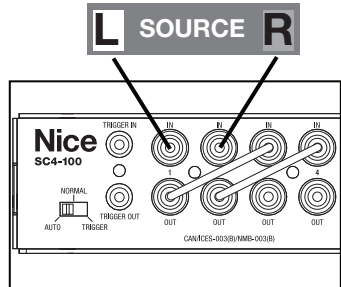HALLWAY

FAMILY

BEDROOM 3

BEDROOM 2

ENTRY
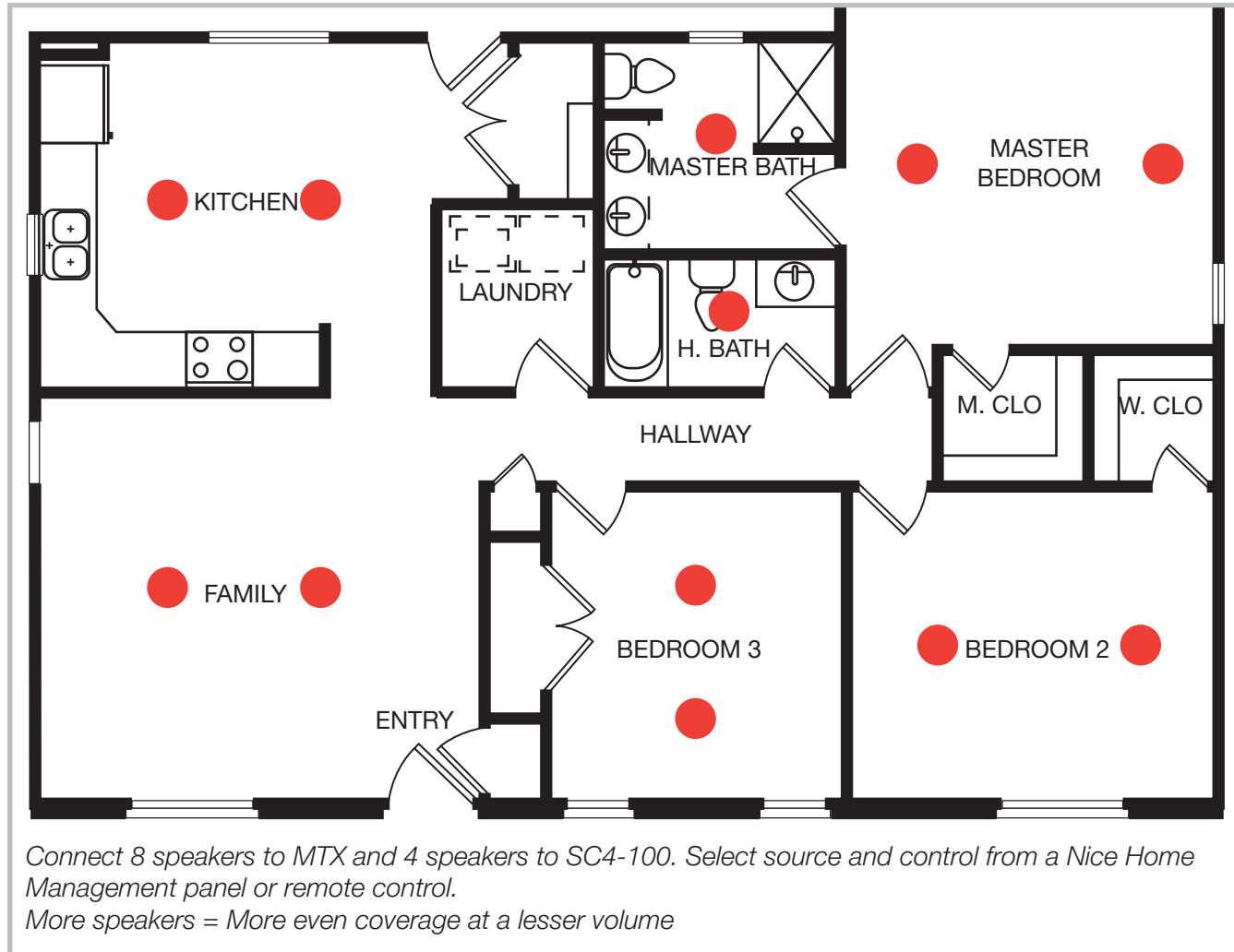
Connect 8 speakers to MTX and 4 speakers to SC4-100. Select source and control from a Nice Home Management panel or remote control.
More speakers = More even coverage at a lesser volume
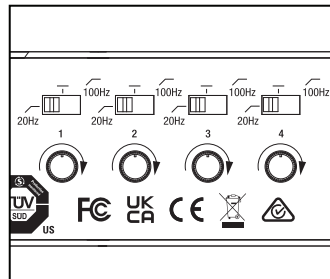
● **SC-IC3 Speaker**

Wiring in Bridge Mode
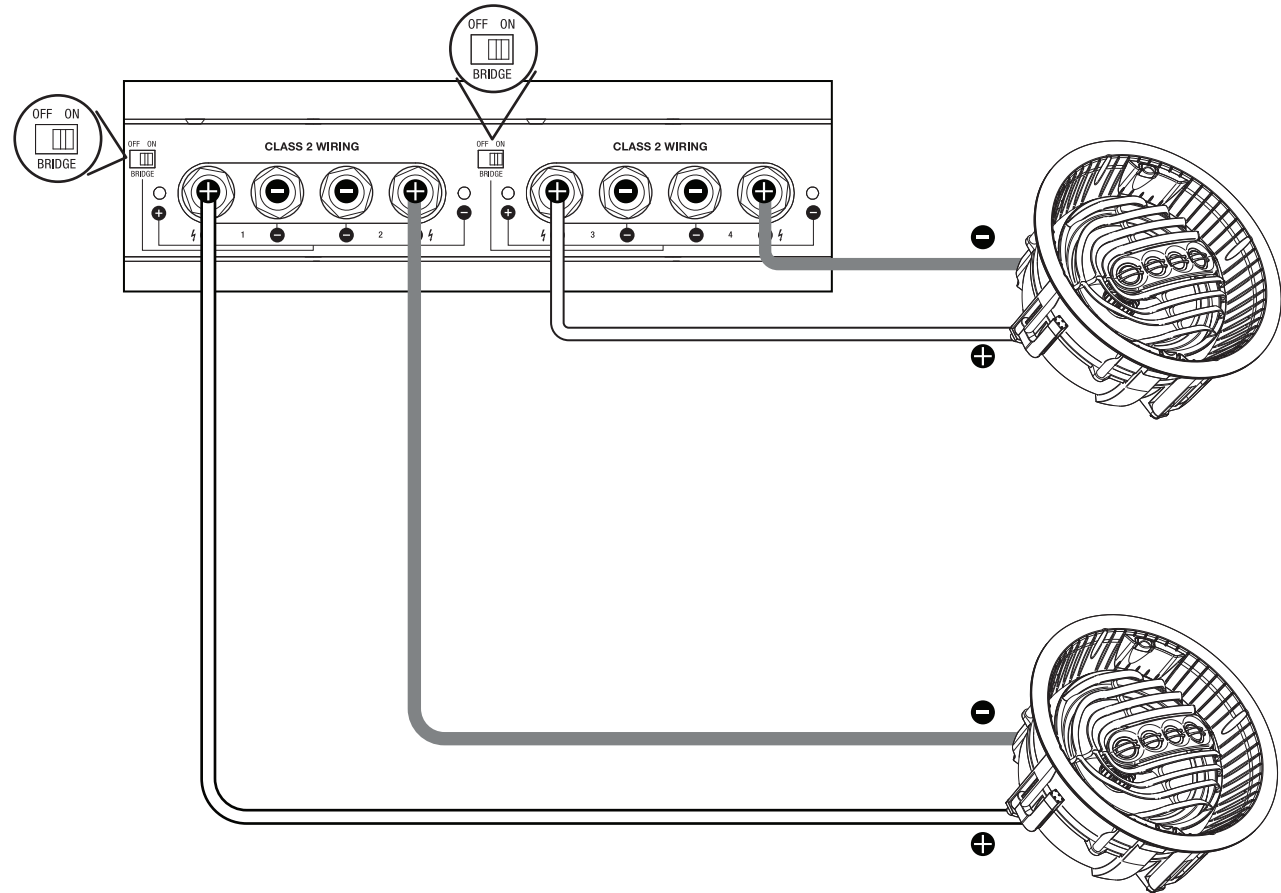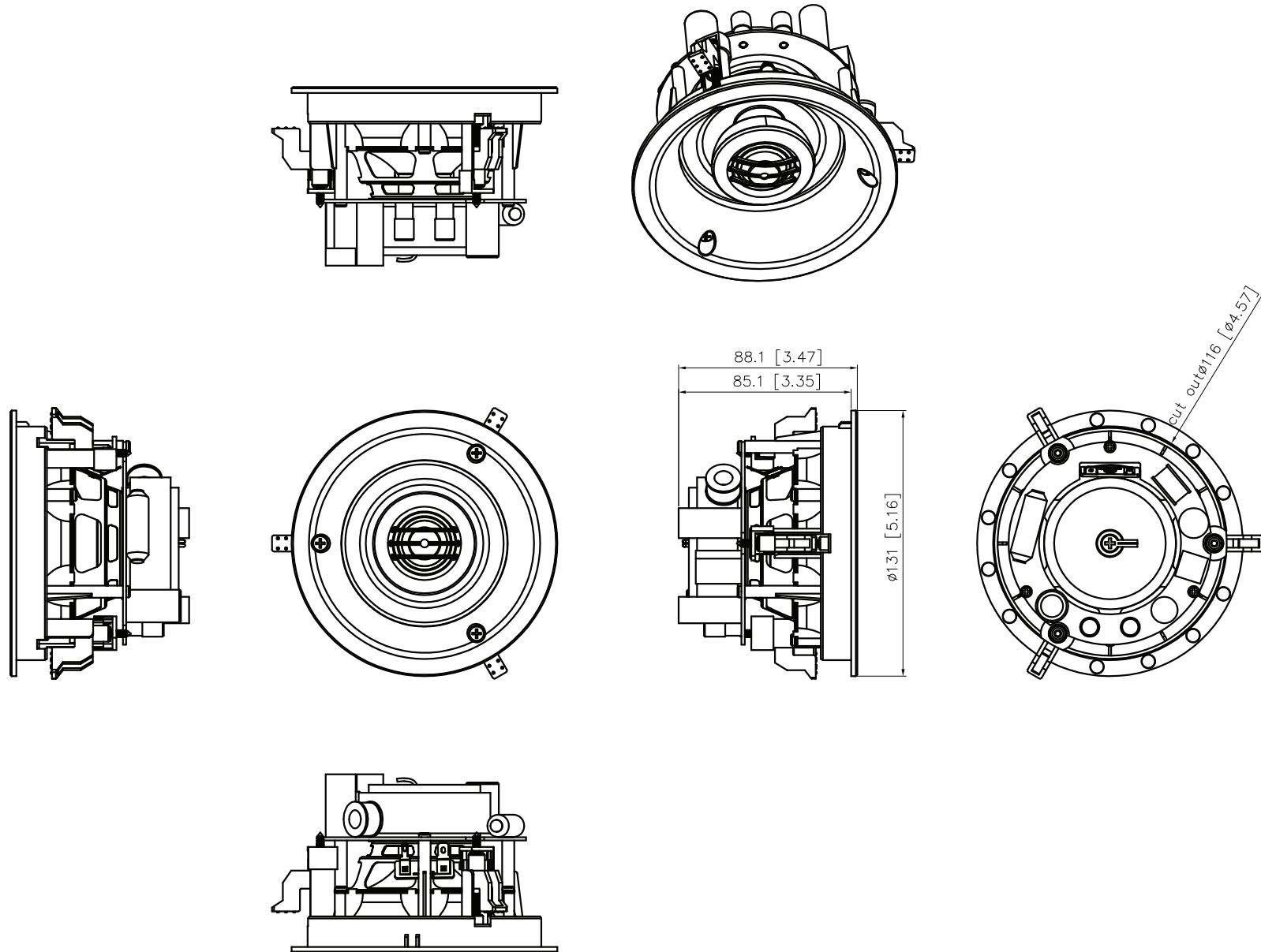
Use Bridge Mode for speakers requiring higher power

Patch 1&2 OUT to 3&4 IN

HP Filter Settings

Set all to 20Hz

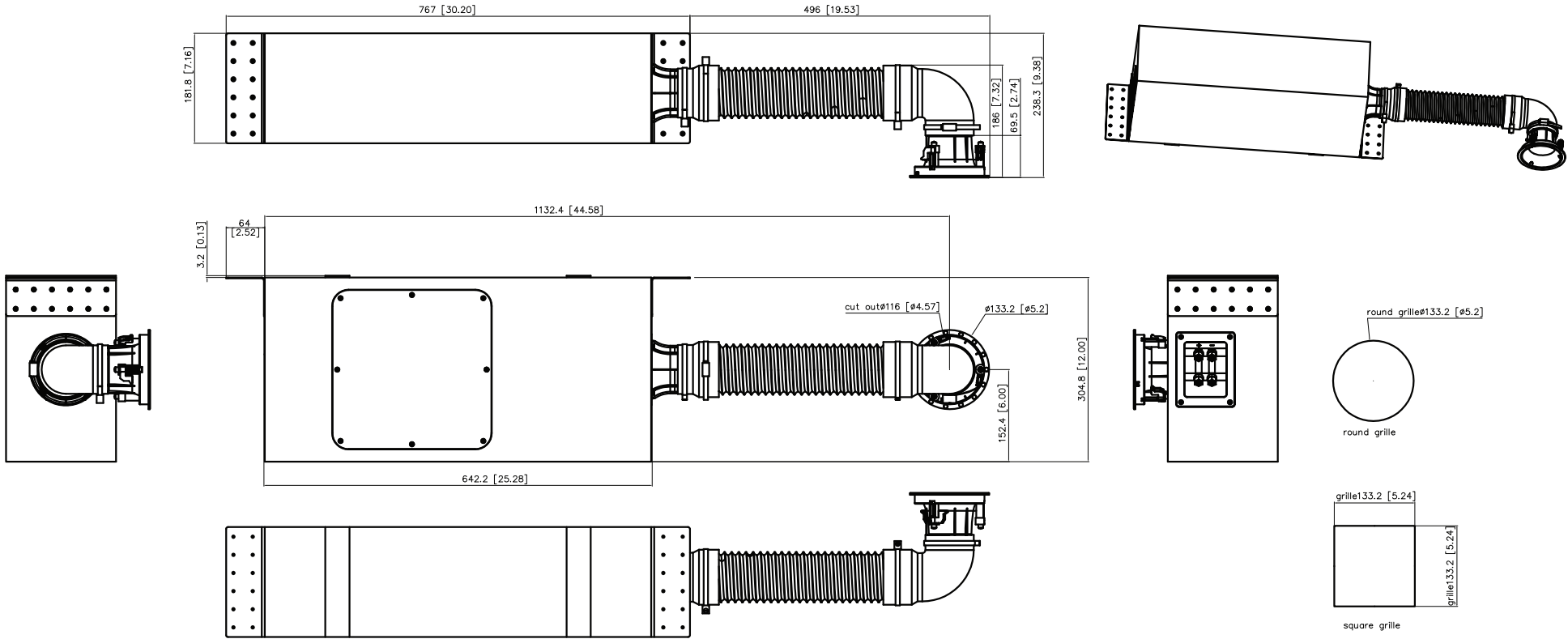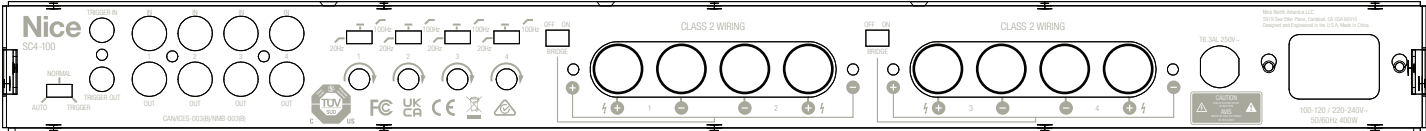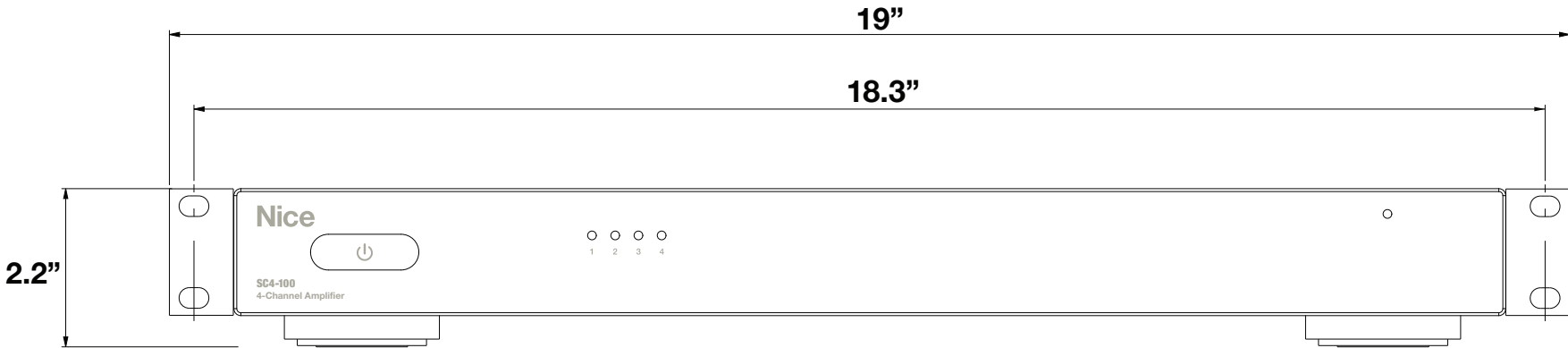# SC-IC3 Mechanical Drawing

88.1 [3.47]

85.1 [3.35]

ø131 [5.16]

cut out ø116 [ø4.57]

SC-IC-SUB8 Mechanical Drawing

767 [30.20]

496 [19.53]

181.8 [7.16]

186 [7.32]

69.5 [2.74]

238.3 [9.38]

64 [2.52]

3.2 [0.13]

1132.4 [44.58]

cut out⌀116 [⌀4.57]

⌀133.2 [⌀5.2]

304.8 [12.00]

152.4 [6.00]

642.2 [25.28]

round grille⌀133.2 [⌀5.2]

round grille

grille133.2 [5.24]

grille133.2 [5.24]

square grille

SC4-100 Mechanical Drawing

17.3"

1.7", 1U

Nice

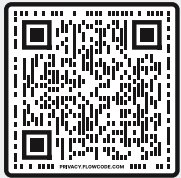SC4-100
4-Channel Amplifier

19"

18.3"

2.2"

Nice

SC4-100
4-Channel Amplifier
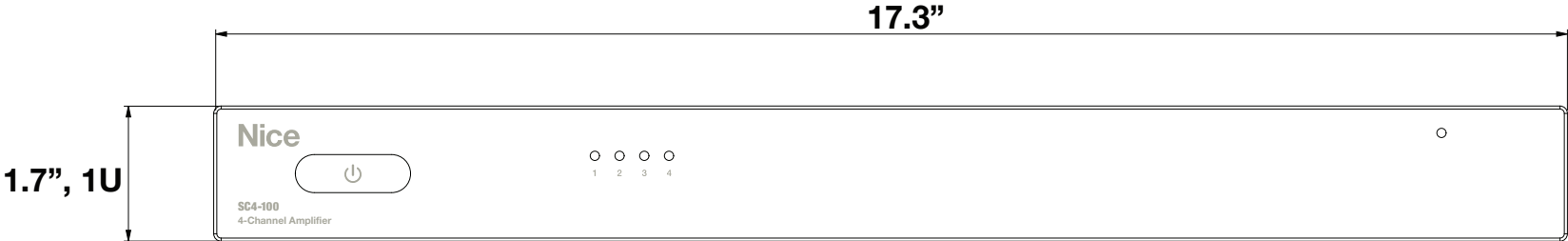
Nice Home Management Audio/Video

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