# S 08-A

## DESIGN GUIDE

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# PRODUCT DESCRIPTION

S 08-A is a self-powered audio system providing all those features required for a complete environment sonorization. It features a four-channel class D amplifier able to power the integrated 8'' woofer, 2 satellites lines for both mono and stereo applications, and an additional passive S 08 subwoofer.

Line and mic inputs can be mixed in an optimized way balancing each single level. Bluetooth connectivity allows audio streaming from any mobile device, and comes alongside traditional RCA, combo XLR and 3.5mm jack connectors.

S 08-A offers 8 different equalizations, optimized for music and voice reproduction. Specific HI-PASS filter values allow to combine the system with a wide range of RCF speaker models, ensuring high application flexibility.

# KEY FEATURES

## HIGH PERFORMANCE SYSTEM

Ideal for those installations where a great sound impact with physical small size is desired. The extended frequency response and efficient design make it capable to provide output levels normally associated with considerably larger enclosures.

## SPEAKER EQ

S 08-A offers 8 different equalizations, optimized for music and voice reproduction. Specific HI-PASS filter values allow to combine the system with a wide range of RCF speaker models, ensuring high application flexibility.

| PRESET | HI-PASS FREQ. | MODE | |
|---|---|---|---|
| 1 | 100 Hz | Optimized for MUSIC reproduction | |
| 2 | 125 Hz | | |
| 3 | 160 Hz | | |
| 4 | 200 Hz | | |
| 5 | 100 Hz | Optimized for VOICE reproduction | |
| 6 | 160 Hz | | |
| 7 | 200 Hz | | |
| 8 | - | No eq. applied (FLAT) | |

## INTEGRATED BLUETOOTH

Bluetooth connectivity allows audio streaming from any mobile device, and comes alongside traditional RCA, combo XLR and 3.5mm jack connectors.

## HIGH POWER OUTPUT

Superior and incredible SPL levels both in open air at a long distance. The integrated subwoofer features a professional high power 8" woofer offering great bass sound and low frequency punch.

# TECHNICAL SPECIFICATIONS

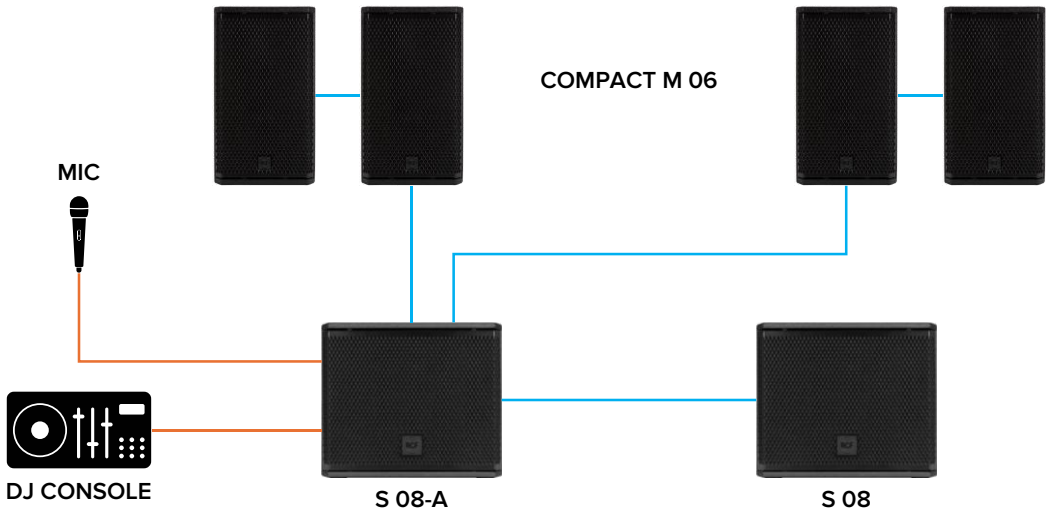
| | | S 08-A |
|---|---|---|
| **Amplifier Class** | | D |
| **Output Power** | **@ 4 ohm** | 4 x 250 W |
| | **@ 8 ohm** | 4 x 250 W |
| **Frequency Response (-3dB)** | | 20 Hz - 20000 Hz |
| **Total number of inputs** | | 4 |
| **Mic inputs** | | 2 |
| **Mic connectors** | | Combo XLR/Jack |
| **Line inputs** | | 2 |
| **Line connectors** | | Combo XLR/Jack, JACK, RCA |
| **Power output connectors** | | Euroblock |
| **DSP** | | Yes |
| **Configuration** | | Front panel |
| **Number of programs/presets** | | 8 |
| **Protections** | | Short circuit, Thermal, DC, Fuses, VHF (Very High Frequencies) |
| **Bluetooth** | | Yes (audio) |
| **Operating voltage** | | 90-240 V~ 50/60Hz |
| **Cabinet/Case Material** | | Plywood |
| **Grille** | | Steel with clothing |
| **Color** | | Black |
| **Dimensions** | **Height** | 319 mm / 12.56 inches |
| | **Width** | 370 mm / 14.57 inches |
| | **Depth** | 337 mm / 13.27 inches |
| **Weight** | | 10.2 kg / 22.49 lbs |

# SUGGESTED SPEAKERS COMBINATIONS

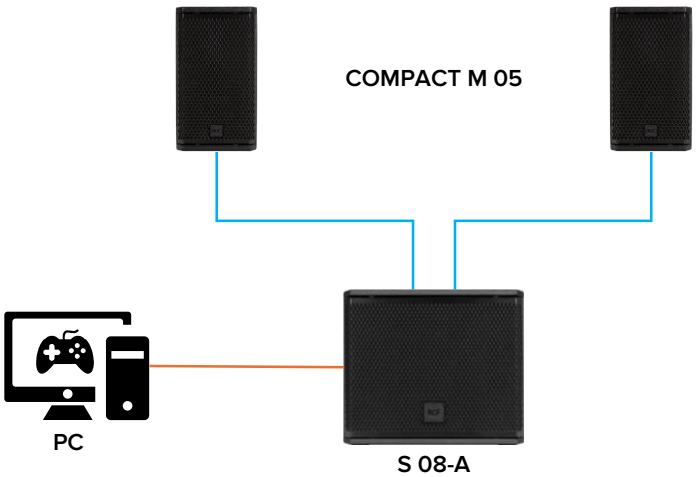
| | POWER HANDLING | NOMINAL IMPEDANCE | S 08-A |
|---|---|---|---|
| | Watt | Ohm | Speakers per channel |
| **COMPACT M SERIES** | | | |
| COMPACT M 06 | 100 | 8 | 2 |
| COMPACT M 05 | 80 | 8 | 2 |
| COMPACT M 04 | 60 | 16 | 4 |
| **PREMIUM SPEAKERS** | | | |
| WMR 60T | 80 | 8 | 2 |
| WMR 50T | 40 | 8 | 2 |
| MMR 30T | 10 | 16 | 4 |
| CMR 60T | 80 | 8 | 2 |
| CMR 50T | 40 | 8 | 2 |
| CMR 30 | 15 | 16 | 4 |
| PMR 60T | 80 | 8 | 2 |
| CMR-S 60T | 80 | 8 | 2 |
| **MONITOR SPEAKERS** | | | |
| MR 50 / MR 50T | 60 | 8 | 2 |
| MR 40 / MR 40T | 40 | 8 | 2 |
| MQ 80P | 60 | 8 | 2 |
| MQ 50C | 60 | 16 | 4 |
| DM 61 | 25 | 8 | 2 |
| DM 41 | 15 | 8 | 2 |
| **EN 54-24 SPEAKERS** | | | |
| MF 33EN | 40 | 8 | 2 |
| WMF 33EN | 40 | 8 | 2 |
| **COLUMN SPEAKERS** | | | |
| L 2406T | 200 | 8 | 1 |
| MQ 100L | 80 | 16 | 2 |

# DESIGN EXAMPLES

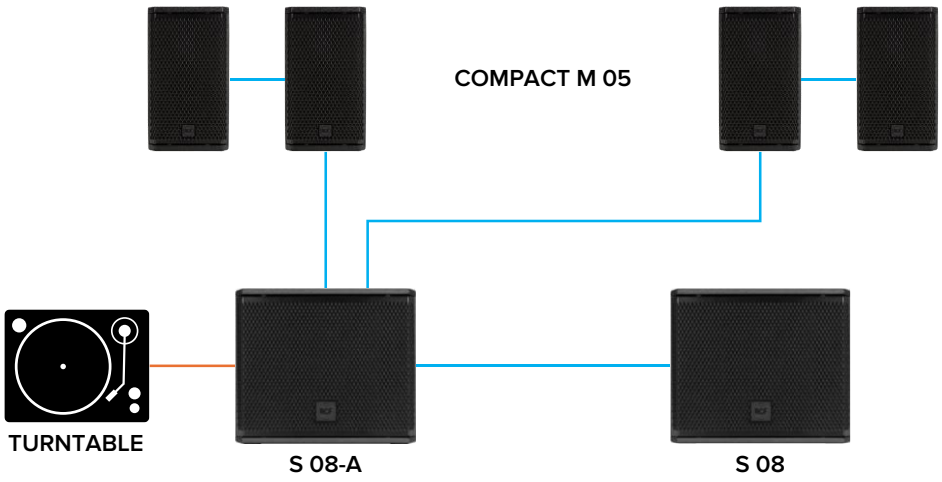
| CASE STUDY | DJ SET | APPLICATION | Foreground music - stereo |
|---|---|---|---|
| SPEAKERS | 4 x COMPACT M 06<br>1 x S 08 | INUPT | MIC 1 (Vocalist)<br>LINE (DJ console) |



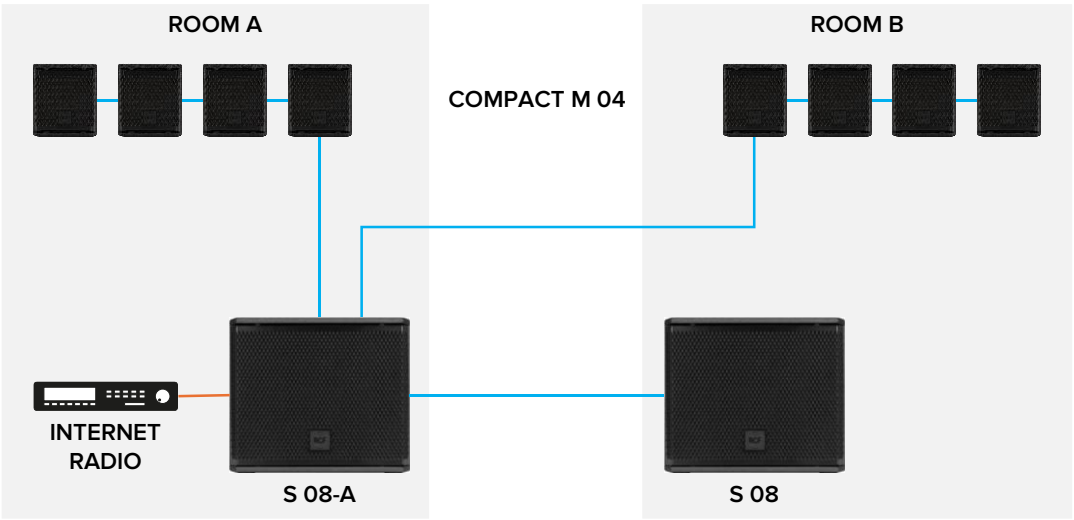

| CASE STUDY | GAMING STATION | APPLICATION | Sound reinforcement - stereo |
|---|---|---|---|
| SPEAKERS | 2 x COMPACT M 05 | INUPT | LINE (PC) |



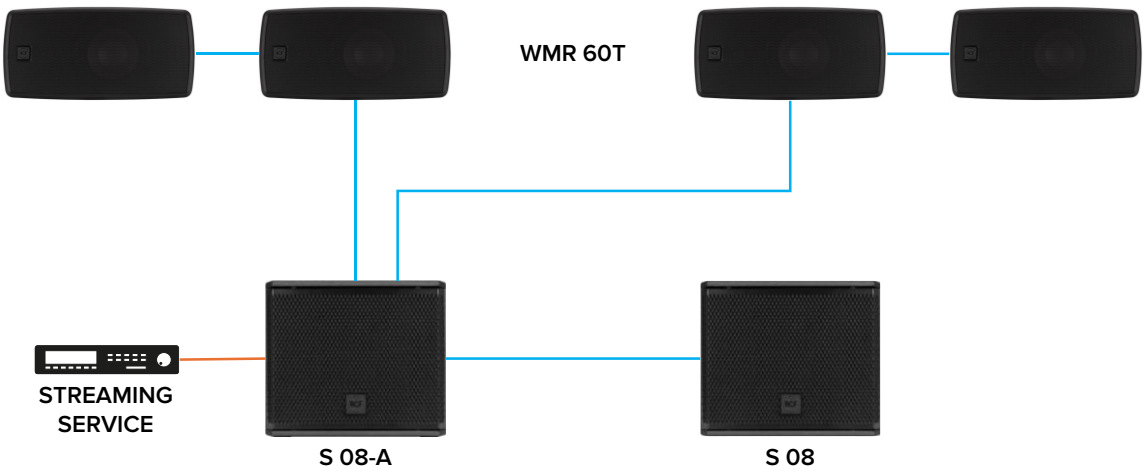
| CASE STUDY | VINYLS SHOP | APPLICATION | Background music - mono |
|---|---|---|---|
| SPEAKERS | 4 x COMPACT M 05<br>1 x S 08 | INUPT | LINE (Turntable) |



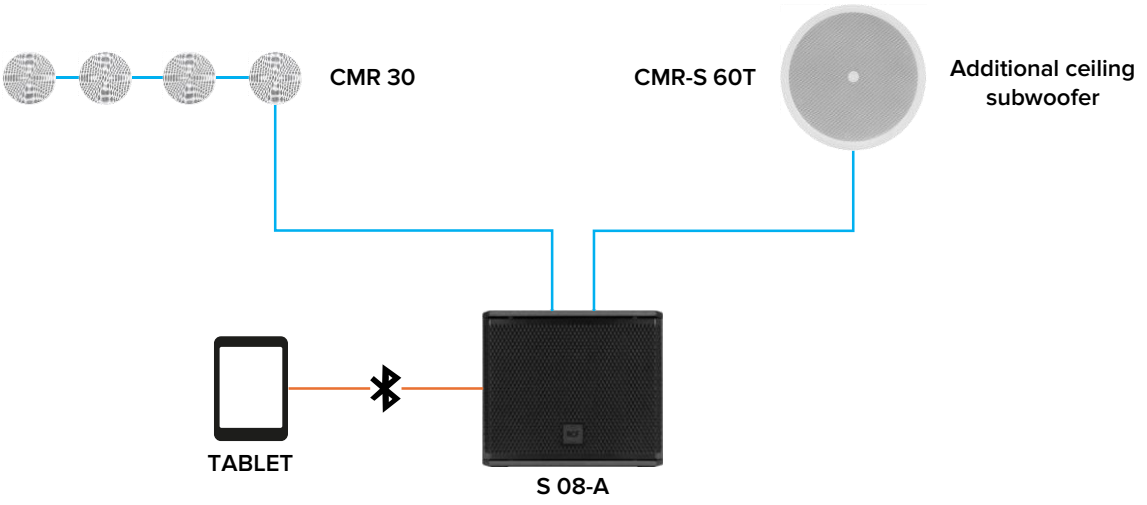

| CASE STUDY | RESTAURANT | APPLICATION | Background music - mono |
|---|---|---|---|
| SPEAKERS | 8 x COMPACT M 04<br>1 x S 08 | INUPT | LINE (Internet radio) |



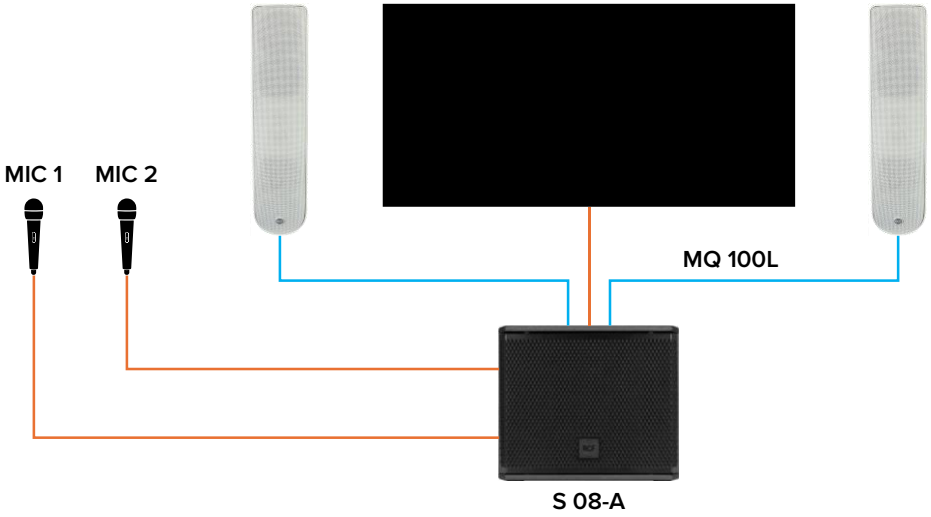
| CASE STUDY | GYM SPINNING ROOM | APPLICATION | Background music - mono |
|---|---|---|---|
| SPEAKERS | 4 x WMR 60T<br>1 x S 08 | INUPT | LINE (Streaming service) |




| CASE STUDY | CAFETERIA | APPLICATION | Background music - mono |
|---|---|---|---|
| SPEAKERS | 4 x CMR 30<br>1 x CMR-S 60T additional ceiling subwoofer | INUPT | BlueTooth (Tablet) |



| | | | |
|---|---|---|---|
| **CASE STUDY** | EDUCATION | **APPLICATION** | Presentation/speech – mono |
| **SPEAKERS** | 2 x MQ 100L | **INUPT** | MIC 1<br>MIC 2<br>LINE (TV) |





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