

Studiomaster[®]
PROFESSIONAL



S-SERIES

**INSTALLED SOUND
SPEAKER SYSTEMS**

Important Notes:

Read the instruction manual carefully before use and keep it for future reference.

Studiomaster Professional is not responsible for incorrect installation or use.

WARNING: Avoid exposure to rain, humidity, or dust to reduce fire and electric shock risk. Use the case for suitable protection.

Safety Precautions:

1. Read all safety precautions carefully.
2. Never connect or install the loudspeaker when the amplifier output is live.
3. Ensure the voltage or impedance matches the amplifier output.
4. Protect cables from damage and avoid placing them where they can be crushed.
5. Prevent liquids or objects from entering the loudspeaker.
6. Contact an authorized service center if the unit malfunctions, is damaged, or exposed to foreign objects or heavy impact.
7. Switch off and disconnect if smoke or strange odors appear.
8. Avoid placing near strong electromagnetic sources.
9. Use only approved installation accessories.
10. Professional installers are recommended for permanent mounting.
11. High sound levels may cause hearing loss; follow guidelines for safe exposure.
12. Respect speaker phase when installing next to each other.
13. Keep speaker cables separate from power and signal cables.
14. Use well-insulated, twisted cables for loudspeakers.

Operating Precautions:

- Install away from heat sources.
- Do not overload for extended periods.
- Avoid forcing controls.
- Use only suitable cleaning agents.

S-Series Overview:

Studiomaster Professional S-Series speakers are compact, versatile, and ideal for portable or permanent installations. CMD™ technology delivers smooth sound transitions, clear frequency response, and powerful output. All models feature robust steel grilles, durable cabinets, humidity-resistant crossovers, and easy-carry handles.

Components & Cabinets:

Woofers withstand up to six times nominal power for detailed, reliable sound. Voice coils are optimized for shape and heat dissipation. Cabinets are heavy-duty painted steel with powder-coated grilles and side handles.

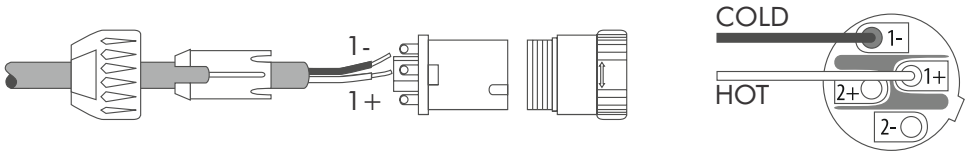
Connection:

! WARNING: To prevent the risk of electric shock, do not connect the speaker with the amplifier switched on. Before using the speaker, check to make sure that all the connections have been made correctly, to prevent accidental short circuits from giving rise to electric sparks.

- Two Neutrik Speakon connectors are provided on the Panel.
- The first socket is for audio signal input.
- The second socket is for parallel/Loop output to connect another speaker.

Pin 1 +=Signal (+)

Pin 1- =Signal (-)



Installation:

! WARNING: Make sure the speaker is installed in a stable and secure way in order to avoid any condition of danger to persons or structures.

To prevent the risk of speakers falling, never stack the speakers without using an adequate anchoring system. In case of suspended installation, before suspending the speakers, carefully check all the components to be used to make sure there is no damage, deformation, corrosion, or missing or damaged parts that could reduce the safety of the installation. In outdoor use, avoid situating the speaker in places that are exposed to harsh weather.

The Studiomaster Professional 5-Series Speakers is a highly advanced line up of compact loudspeaker systems designed for both portable & permanent installation & sound reinforcement applications. The series is designed to be versatile, hence making it perfect for a wide range of professional applications.

Features:

- High-quality RCF™ components
- State-of-the-art crossover design to enhance frequency response.
- Suitable for installations & touring.
- Hexagonal design for easy installation.
- Exceptional sound quality and dynamic range
- High power and efficiency
- Durable, easy-to-install cabinets
- Easy-carry handles and steel grilles
- Tripod and stand adapters

Models Available:

Models	Type
S 5425	Two-Way Passive Speaker
S 8018, S 8118 & S 8218	Single Subwoofer
S 8082 & S 8128	Dual Component Subwoofer

Applications:

- Permanent Installations.
- Main reinforcement in small & medium spaces.
- High-Level AV Playback.
- Live Music Reinforcements.
- Large speech systems.

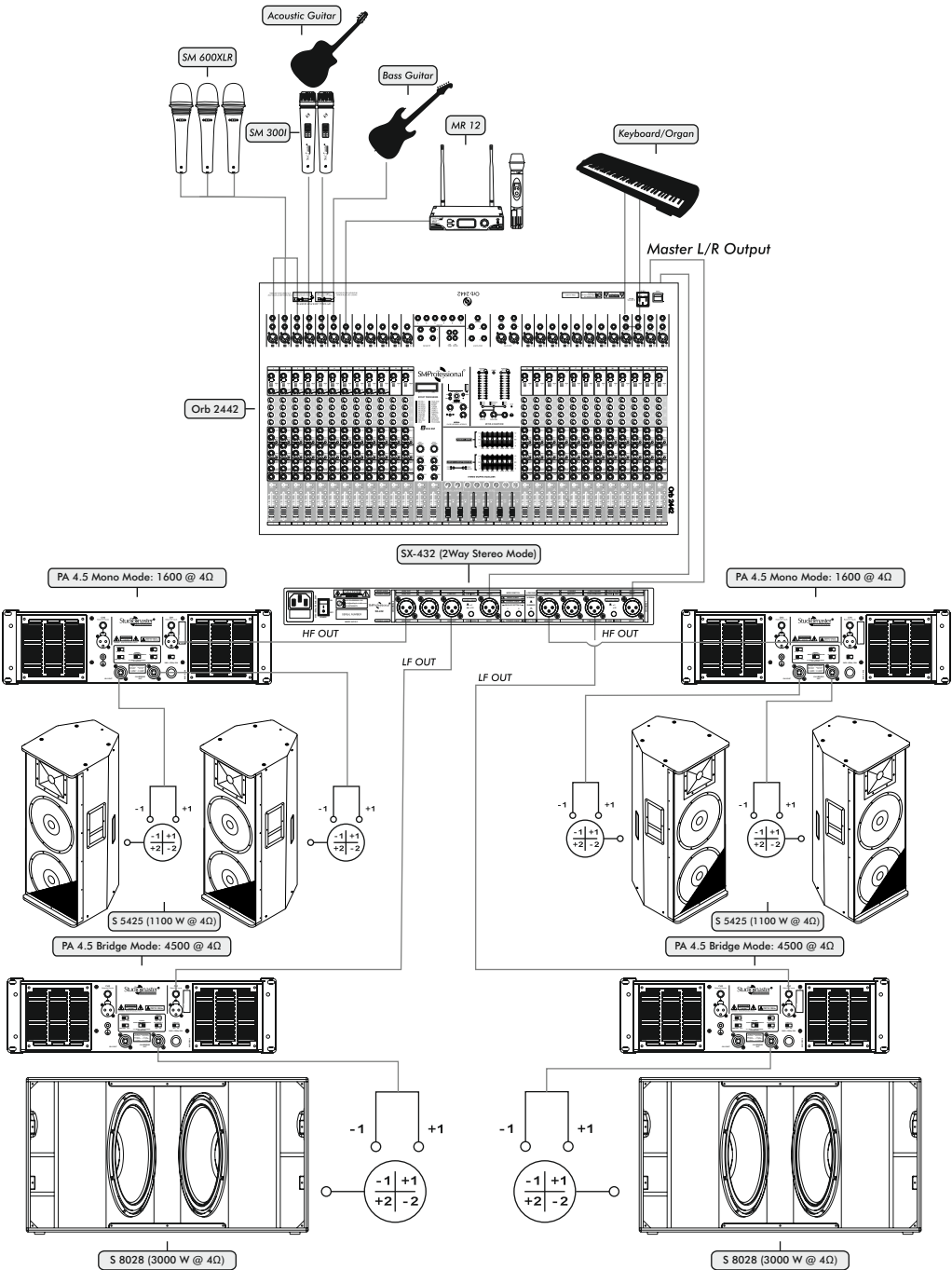
1. Stereo Set-Up

Effective System Impedance: 4Ω



2. Stereo Set-Up

Power: 10400 Watts RMS
Effective System Impedance: 4Ω



Technical Specifications:

Model	S5425	S8018	S8118
Freq. Range (-10db) /(-3db)	40Hz-20kHz/ 55Hz-20kHz	40Hz - 200Hz	25Hz - 1KHz
System Sensitivity	99.5dB, 1W @ 1m	98dB, 1W @ 1m	98dB, 1W @ 1m
Rated Maximum SPL	134dB, @ 1m	134dB, @ 1m	134dB, @ 1m
System Nominal Impedance	4Ω	8Ω	8Ω
Power Rating Continuous/Peak	1100W/2200W	1000W/2000W	1500W/3000W
Crossover	1.8kHz	-	-
Low Frequency	15" (381mm) woofer with 3" (76.2mm) coil	18" (457.2mm) woofer with 4" (100mm) in/out voice coil	1 X 18" (457.2mm) woofer with 4" (100mm) in/out voice coil
Low Frequency Sensitivity	99db, 1W @ 1m	98db, 1W @ 1m	97.5db, 1W @ 1m
High Frequency	1.4" Exit throat, 2.5" voice coil	-	-
High Frequency Sensitivity	109dB, 1W @ 1m	-	-
Dimensions (H x W x D) (mm)	450 x 1160 x 530	700 x 520 x 700	700 x 520 x 700
Weight (kg)	55	48	48

Model	S8218	S8128	S8028
Freq. Range (-10db) /(-3db)	30Hz - 200Hz	40Hz - 200Hz	25Hz - 1kHz
System Sensitivity	98dB, 1W @ 1m	98dB, 1W @ 1m	99dB, 1W @ 1m
Rated Maximum SPL	135dB, @ 1m	134dB, @ 1m	134dB, @ 1m
System Nominal Impedance	8Ω	4Ω	4Ω
Power Rating Continuous/Peak	1800W/3600W	2000W/4000W	3000W/6000W
Crossover	-	-	-
Low Frequency	18" (457.2mm) woofer with 4.5" (115mm) in/out voice coil	2 X 18" woofer with 4" (100mm) in/out voice coil	2 x 18" (457.2mm) woofer with 4" (100mm) in/out voice coil
Low Frequency Sensitivity	98db, 1W @ 1m	98db, 1W @ 1m	97.5dB, 1W @ 1m
High Frequency	-	-	-
High Frequency Sensitivity	-	-	-
Dimensions (H x W x D) (mm)	700 x 520 x 700	530 x 960 x 600	580 x 1060 x 700
Weight (kg)	52	65	64

Disclaimer: Specifications are subject to change without notice. Unauthorized reproduction of this manual is prohibited.

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