



# LOUIS MARTIN

Redefining Audio Excellence

## Product Brochure 2025

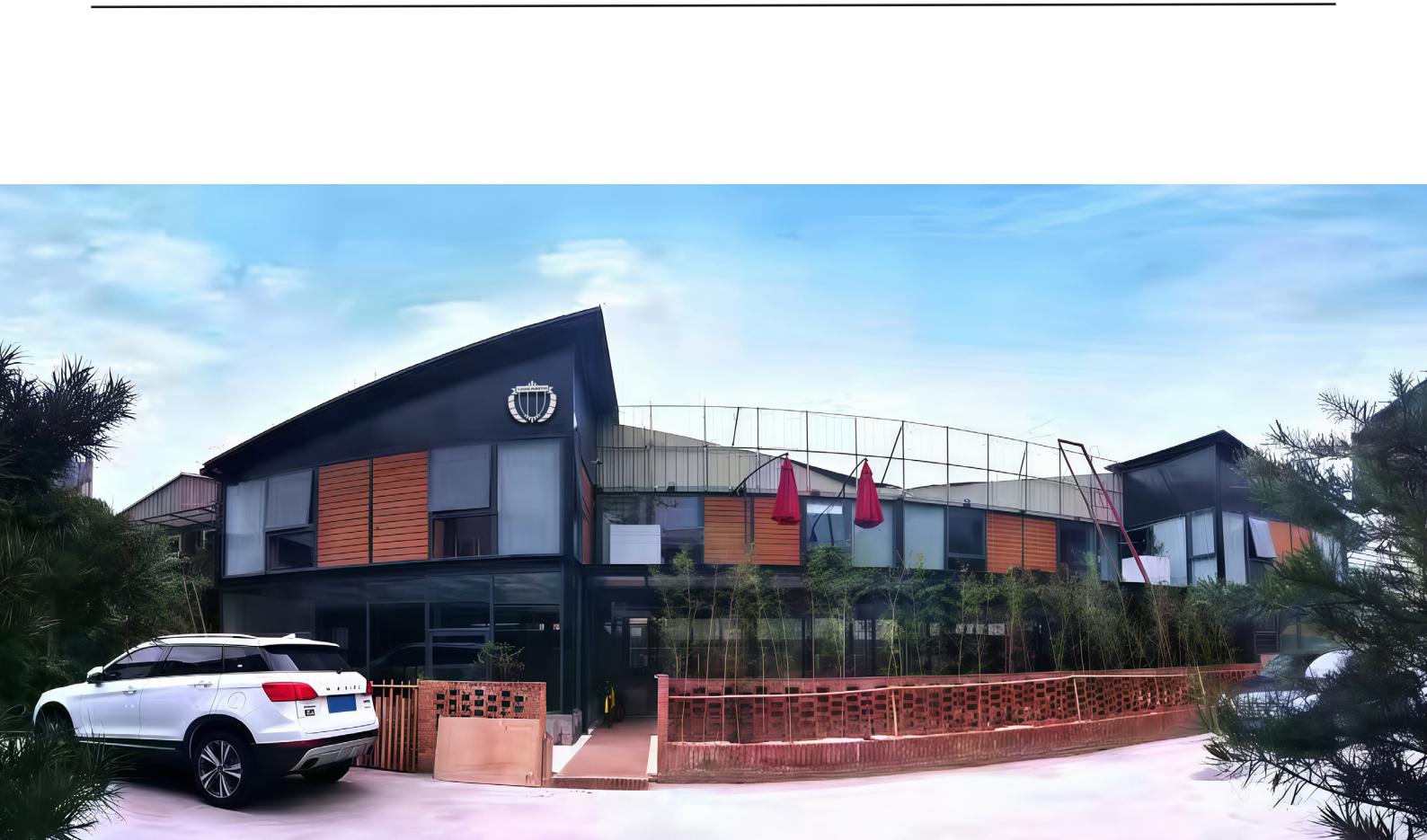
# OBJECTS OF DESIRE

Redefining Professional Audio with Conceptual Sound design



# ITALY LOUIS MARTIN PROFESSIONAL AUDIO

Louis Martin Audio represents an exemplary journey of innovation and resilience in the professional audio industry. Established in 2008 at Giambrocono & C.S.P.A, located at Via Rosolino Pilo 19/B, 20129 Milano, Italy, the company began its operations in a modest one-room workshop in Florence, specializing in handcrafted guitar amplifiers. This modest beginning reflected the entrepreneurial vision and creativity of its founders, who aspired to redefine standards in the audio domain. Distinguished by its adaptability and commitment to technological advancements, Louis Martin Audio consistently embraced innovation to meet the evolving demands of the industry. By expanding its product portfolio and pioneering new technologies, the company established itself as a leader in professional audio solutions. Today, Louis Martin Audio is celebrated globally for its cutting-edge technology in power amplifiers, loudspeakers, and advanced networked audio solutions. The company has redefined excellence in sound quality and performance, setting benchmarks for the industry. Its journey, from humble origins to global prominence, exemplifies the values of perseverance, visionary leadership, and a relentless pursuit of excellence.



# Point Source

## RED 10



**2x10" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 600W/2400W (Passive)

**Frequency Response:** 65Hz-20kHz

**Sensitivity(1W/1m) :** 101dB(1W/1m)

**Max SPL(Continuous):** 131dB

**Nominal Impedance:** 4 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Net Weight:** 38Kg

**2x5" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 200W/800W (Passive)

**Frequency Response:** 80Hz-19kHz

**Sensitivity(1W/1m) :** 96dB

**Max SPL(Continuous):** 121dB

**Nominal Impedance:** 4 Ohms

**Dispersion:** 70° (H) x 70° (V)

**Net Weight:** 9Kg

## RED 5.5



# Point Source

## RED 5



**1x5" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 100W/400W (Passive)

**Frequency Response:** 90Hz-19kHz

**Sensitivity(1W/1m) :** 93dB

**Max SPL(Continuous):** 115dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 70° (H) x 70° (V)

**Net Weight:** 6Kg

**1x10" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 200W/800W (Passive)

**Frequency Response:** 75Hz-19kHz

**Sensitivity(1W/1m) :** 96dB

**Max SPL(Continuous):** 121dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 70° (H) x 70° (V)

**Net Weight:** 15Kg

## RED 9



# Point Source

## RED 12



**1x12" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 250W/1000W (Passive)

**Frequency Response:** 70Hz-19kHz

**Sensitivity(1W/1m) :** 97dB

**Max SPL(Continuous):** 123dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 70° (H) x 70° (V)

**Net Weight:** 18Kg

## Point Source/Stage Monitor

**F8**

**1x8" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 100W/400W (Passive)

**Frequency Response:** 70Hz-19kHz

**Sensitivity(1W/1m) :** 93dB

**Max SPL(Continuous):** 115dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Net Weight:** 12Kg



# Point Source/Stage Monitor

## F10



**1x10" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 300W/1200W (Passive)

**Frequency Response:** 60Hz-19kHz

**Sensitivity(1W/1m) :** 96dB

**Max SPL(Continuous):** 123dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Net Weight:** 17Kg

## F12

**1x12" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 400W/1600W (Passive)

**Frequency Response:** 55Hz-19kHz

**Sensitivity(1W/1m) :** 97dB

**Max SPL(Continuous):** 126dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Net Weight:** 25Kg



# Point Source/Stage Monitor

F15



**1x15" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 500W/2000W (Passive)

**Frequency Response:** 50Hz-19kHz

**Sensitivity(1W/1m) :** 99dB

**Max SPL(Continuous):** 129dB

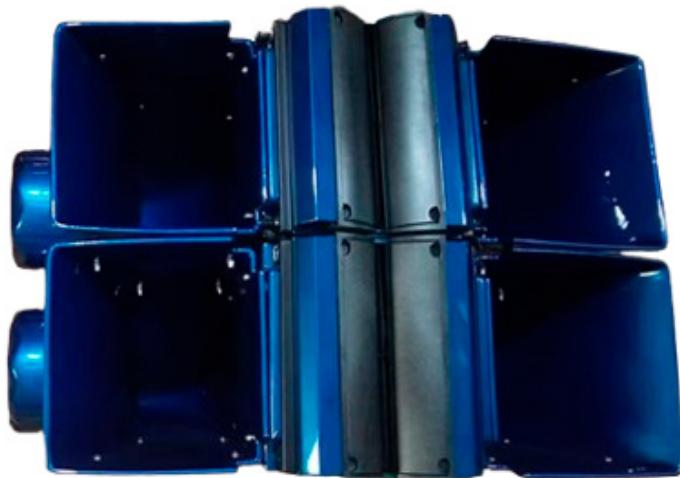
**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Net Weight:** 30 Kg

# Line Arrays

## Famous 210



**2x10" Two-way Bi-amp Externally Amplified Line Array Speaker System**

**RMS/Peak Power:** LF: 600W/2400W, HF: 150W/600W

**Frequency Response:** 70Hz-19kHz

**Sensitivity(1W/1m) :** LF 103 dB , HF: 109 dB

**Max SPL(Continuous):** LF (133dB) , HF (133dB)

**Nominal Impedance:** LF:4 Ohms & HF:4 Ohms

**Dispersion:** 70° / 90° / 110° (H) x 10° (V)

**Net Weight:** 50 Kg

## Q 50

**1x10" Two-way Passive/Bi-Amp Switchable Line Array Speaker System**

**RMS/Peak Power:** 500W/2000W(Passive);  
LF:350W/1400W, HF:150W/600W (Bi-Amp)

**Frequency Response:** 65Hz-20kHz

**Sensitivity(1W/1m) :** 101dB

**Max SPL(Continuous):** 131dB(Passive/Bi-Amp)

**Nominal Impedance:** LF : 8 Ohms & HF : 8 Ohms

**Dispersion:** 100° (H) x 10° (V)

**Net Weight:** 16.8Kg



# Line Arrays

## Q 60

**2x10" Two-way Passive/Bi-Amp Switchable Line Array Speaker System**

**RMS/Peak Power:** 650W/2600W(Passive);  
LF:500W/2000W, HF:150W/600W(Bi-Amp)

**Frequency Response:** 60Hz-20kHz



**Sensitivity(1W/1m) :** 102dB

**Max SPL(Continuous):** 133dB(dsPassive/Bi-Amp)

**Nominal Impedance:** LF : 8 Ohms & HF : 8 Ohms

**Dispersion:** 100° (H) x 10° (V)

**Net Weight:** 22.8Kg

## Q 70

**1x12" Two-way Passive/Bi-Amp Switchable Line Array Speaker System**

**RMS/Peak Power:** 550W/2200W(Passive);  
LF:400W/1600W, HF:150W/600W (Bi-Amp)

**Frequency Response:** 60Hz-20kHz

**Sensitivity(1W/1m) :** 103dB

**Max SPL(Continuous):** 133dB(Passive/Bi-Amp)

**Nominal Impedance:** LF : 8 Ohms & HF : 8 Ohms

**Dispersion:** 100° (H) x 10° (V)

**Net Weight:** 22Kg



# Line Arrays

## Q 80

**2x12" Two-way Passive/Bi-Amp Switchable Line Array Speaker System**



**RMS/Peak Power:** 1000W/4000W(Passive);  
LF:700W/2800W, HF:300W/1200W (Bi-Amp)

**Frequency Response:** 60Hz-20kHz

**Sensitivity(1W/1m) :** 103dB

**Max SPL(Continuous):** 136dB(Passive/Bi-Amp)

**Nominal Impedance:** LF : 8 Ohms & HF : 8 Ohms

**Dispersion:** 100° (H) x 10° (V)

**Net Weight:** 36.8 Kg

## Cox 12

**1x12" Passive Co-axial line array Speaker System**

**RMS/Peak Power:** 450W/1800W (Passive)

**Frequency Response:** 60Hz-19kHz

**Sensitivity(1W/1m) :** 98dB

**Max SPL(Continuous):** 127dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 100°(H) x 10° (V)

**Net Weight:** 22Kg



# Column Speaker

## K302

**2x1.75" Passive Full Range Column Speaker**

**RMS/Peak Power:** 40W/160W (Passive)



**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m) :** 91dB

**Max SPL(Continuous):** 110dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Net Weight:** 2.2Kg

## K304

**4x1.75" Passive Full Range Column Speaker**

**RMS/Peak Power:** 80W/320W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m) :** 91dB

**Max SPL(Continuous):** 113dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Net Weight:** 4.1Kg



# Column Speaker

## K306



**4x1.75" Passive Full Range Column Speaker**

**RMS/Peak Power:** 120W/480W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m) :** 91dB

**Max SPL(Continuous):** 114dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Net Weight:** 5Kg

## K308



**4x1.75" Passive Full Range Column Speaker**

**RMS/Peak Power:** 160W/640W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m) :** 91dB

**Max SPL(Continuous):** 116dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Net Weight:** 4.1Kg

# Column Speaker

## K312



**12x1.75" Passive Full Range Column Speaker**

**RMS/Peak Power:** 220W/880W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m) :** 91dB

**Max SPL(Continuous):** 117dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

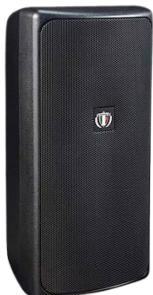
**Net Weight:** 10.6K

# Commercial Speaker/ Plastic Speaker

## DS5

**1x5" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 100W/400W (Passive)



**Frequency Response:** 65Hz-19kHz

**Sensitivity(1W/1m) :** 93dB

**Max SPL(Continuous):** 115dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 115° (H) x 115° (V)

**Net Weight:** 5 Kg

## DS8

**1x8" Two-Way Passive Full-Range High Power Loudspeaker**

**RMS/Peak Power:** 150W/600W (Passive)

**Frequency Response:** 60Hz-19kHz

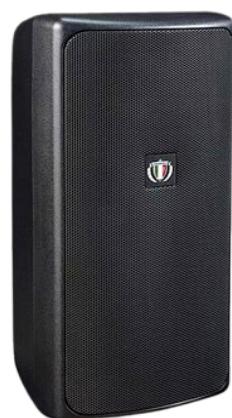
**Sensitivity(1W/1m) :** 95dB

**Max SPL(Continuous):** 118dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Net Weight:** 8Kg



# Commercial Speaker/ Plastic Speaker

## DS12



**1x12" Two-Way Passive Full-Range High Power Loudspeaker (Weather Proof)**

**RMS/Peak Power:** 400W/1600W (Passive)

**Frequency Response:** 70Hz-19kHz

**Sensitivity(1W/1m) :** 99dB

**Max SPL(Continuous):** 128dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Net Weight:** 17 Kg

## DS15

**1x15" Two-Way Passive Full-Range High Power Loudspeaker (Weather Proof)**

**RMS/Peak Power:** 500W/2000W (Passive)

**Frequency Response:** 65Hz-19kHz

**Sensitivity(1W/1m) :** 102dB

**Max SPL(Continuous):** 132dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Net Weight:** 25Kg



# Subwoofers

## KS18

**1x18" High Power Passive Subwoofer**



**RMS/Peak Power:** 1000W/4000W (Passive)

**Frequency Response:** 35Hz-120Hz

**Sensitivity(1W/1m):** 98dB

**Max SPL(Continuous):** 131dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** Omnidirectional

**Net Weight:** 58 Kg

## KS218

**2x18" High Power Passive Subwoofer**

**RMS/Peak Power:** 2000W/8000W (Passive)

**Frequency Response:** 30Hz-120Hz

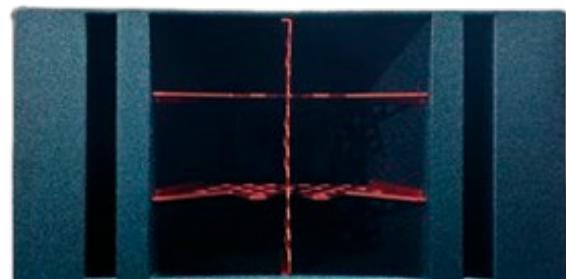
**Sensitivity(1W/1m) :** 102dB

**Max SPL(Continuous):** 138dB

**Nominal Impedance:** 4 Ohms

**Dispersion:** Omnidirectional

**Net Weight:** 88Kg



# Subwoofers

## S18



### 1x18" High Power Passive Subwoofer

**RMS/Peak Power:** 750W/3000W (Passive)

**Frequency Response:** 38Hz-120Hz

**Sensitivity(1W/1m) :** 96dB

**Max SPL(Continuous):** 127dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** Omnidirectional

**Net Weight:** 45 Kg

## S218

### 2x18" High Power Passive Subwoofer

**RMS/Peak Power:** 1500W/6000W (Passive)

**Frequency Response:** 35Hz-120Hz

**Sensitivity(1W/1m) :** 102dB

**Max SPL(Continuous):** 136dB

**Nominal Impedance:** 4 Ohms

**Dispersion:** Omnidirectional

**Net Weight:** 78Kg



# Power Amplifiers

We offer amplifiers tailored for a variety of applications, from live concerts to installations. Each amplifier is meticulously designed with high-quality components, ensuring exceptional dynamic power and long-term reliability. Our commitment to precision engineering guarantees superior performance and sustainability over many years.

## PL serise

The **PL Series amplifier** is multi-channel professional built-in Digital Signal Processor (**DSP**) **Class – D** amplifier, meticulously designed to ensure outstanding reliability and performance. Thanks to the automatic temperature control and unique limiting functions that gives high efficiency to ensures that the PL series amplifiers operate efficiently, minimizing power loss and heat generation, and designed for long-term use, these amplifiers offer consistent performance and durability, making them a reliable choice for professional audio applications such as concerts and live performances, entertainment venues, lounges, pubs, bars and auditorium installations with deep, resonant sound.



**Front view**

## Model Name

**PL 4.41** 1000W×4/8Ω 1600W×4/4Ω

**PL 4.42** 1500W×4/8Ω 2500W×4/4Ω

# Power Amplifiers

## D Series

The **D Series** amplifier is a multi-channel professional **Class-D** amplifier, meticulously engineered to deliver exceptional reliability and performance. Its high efficiency is achieved through a combination of automatic temperature control and unique limiting functions, ensuring the amplifier operates efficiently by minimizing power loss and heat generation. Designed for long-term use, the D Series amplifiers offer consistent performance and durability, making them a reliable choice for professional audio installations.



Front view

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### Model Name

**D 200** 250W×2/8Ω 400W×2/4Ω

**D 300** 350W×2/8Ω 600W×2/4Ω

**D 4200** 200W×4/8Ω 350W×4/4Ω

**D 4300** 300W×4/8Ω 500W×4/4Ω

# Power Amplifiers

## TTA serise

The **TTA Series** amplifier is multi-channel professional amplifier, based on **Class TD** that combine the efficiency of Class D amplifiers with the sonic purity of Class B amplifiers. It tracks the audio signal at all frequencies, providing the required rail voltage with additional headroom that reduces the heat emission and maintain flat response even with complex loads.



Front view

### Model Name

**TTA 300**      350W×2/8Ω 465W×2/4Ω

**TTA 500**      450W×2/8Ω 750W×2/4Ω

**TTA 600**      650W×2/8Ω 930W×2/4Ω

**TTA 800**      850W×2/8Ω 1250W×2/4Ω

**TTA 1000**      1000W×2/8Ω 1600W×2/4Ω

**TTA 1300**      1300W×2/8Ω 1950W×2/4Ω

**TTA 450**      450W×4/8Ω 750W×2/4Ω

**TTA 460**      650W×4/8Ω 930W×2/4Ω

# Power Amplifiers

We offer amplifiers tailored for a variety of applications, from live concerts to installations. Each amplifier is meticulously designed with high-quality components, ensuring exceptional dynamic power and long-term reliability. Our commitment to precision engineering guarantees superior performance and sustainability.

## TIP Series

The **TIP Series** amplifier is multi-channel professional **Class – D** amplifier, meticulously designed to ensure outstanding reliability and performance. It has high efficiency due to combination of automatic temperature control and unique limiting functions ensures that the TIP series amplifiers operate efficiently, minimizing power loss and heat generation, and designed for long-term use, these amplifiers offer consistent performance and durability, making them a reliable choice for professional audio applications such as concerts.



**Front view**

### Model Name

**TIP 1002**     $1000W \times 2/8\Omega$   $1600W \times 2/4\Omega$

**TIP 1302**     $1300W \times 2/8\Omega$   $2000W \times 2/4\Omega$

**TIP 1602**     $1600W \times 2/8\Omega$   $2600W \times 2/4\Omega$

**TIP 2402**     $2400W \times 2/8\Omega$   $4000W \times 2/4\Omega$



## Hight Power Compact Coaxial Line Array System





## **ITALY LOUIS MARTIN PROFESSIONAL AUDIO LIMITED**

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### **Main office**

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