

Installation Selection

Solo (230 V ~)

Composition



Control Units



Loudspeakers

Solo is the **System without Central** - It allows the diffusion and control of sound (FM or Bluetooth*) in a given space through the **Sound Control**.

This system is made up of the following elements:

- Control Units
- Loudspeakers

* According to the Control Unit version

Orchestra (12 V =)

Composition



Central



Control Units



Power Supplies



Loudspeakers

It allows the sound diffusion of the same audio signal from an external source connected to the **Central** (USB, Bluetooth or Jack 3,5 mm) through different spaces with individual volume control through the various **Controls Units**.

This system is made up of the following elements:

- Central
- Control unit
- Power supplies
- Loudspeakers

Power Supplies

Description



Ref. 75054 - Power Supply for False Ceiling 12 V \approx - 18 W

Ref. 75055 - Power Supply for DIN Rail 12 V \approx - 24 W

Ref. 75056 - Power Supply for DIN Rail 12 V \approx - 54 W

Power Supply for Centralised Surround Sound - 12 V \approx

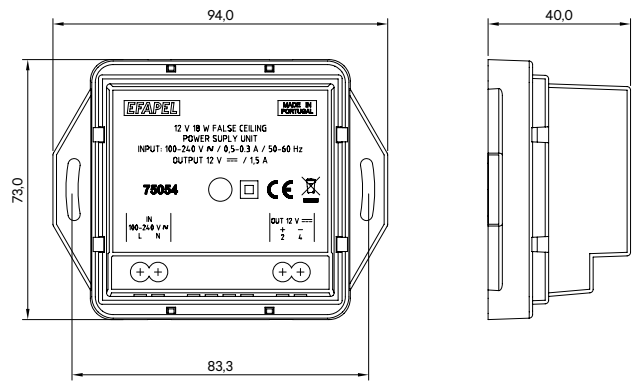
The Power Supplies are intended to transform the network voltage value, rectify it and supply the Sound Centrals and Controls Units with a voltage of 12 V \approx .

Characteristics

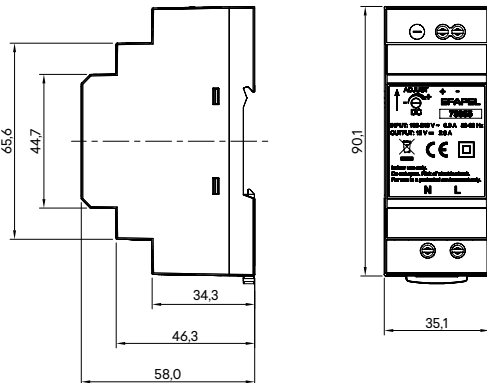
Reference		75054	75055	75056	
Input	Voltage	Minimum	90 V \sim	85 V \sim	85 V \sim
		Nominal	100-240 V \sim	100-240 V \sim	100-240 V \sim
		Maximum	264 V \sim	264 V \sim	264 V \sim
AC power supply frequency		50 - 60 Hz	47 - 63 Hz	47 - 63 Hz	
Output	Voltage	Minimum	10.8 V \approx	10.8 V \approx	10.8 V \approx
		Nominal	12.0 V \approx	12.0 V \approx	12.0 V \approx
		Maximum	13.8 V \approx	13.8 V \approx	13.8 V \approx
	Nominal current	1.5 A	2.0 A	4.5 A	
	Nominal power	18.0 W	24.0 W	54.0 W	
Average efficiency in active mode		85.0 %	88.0 %	88.0 %	
Efficiency at low load (10%)		80.0 %	73.0 %	85.0 %	
No-load power consumption		0.09 W	0.10 W	0.30 W	

Installation type	False Ceiling	DIN Rail / Panelboards	DIN Rail / Panelboards
Maximum number of control units	1 Central + 2 Local Control Units	1 Central + 4 Local Control Units	1 Central + 8 Local Control Units
Observations	The network of electrical conduits supplying the sound system installation must be independent from the others in order to avoid interference.		

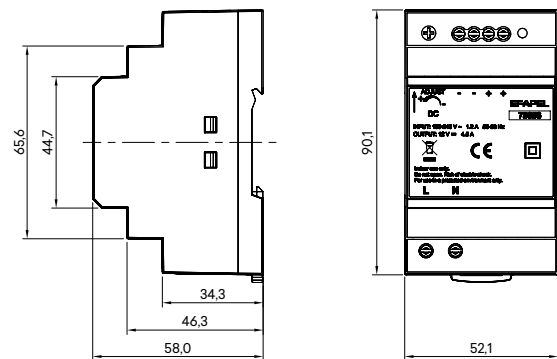
Dimensions - 75054 (mm)



Dimensions - 75055 (mm)



Dimensions - 75056 (mm)



Central 12 V \equiv

Description



MEC 21 Mechanism

Ref. 75211 - Central with USB, Bluetooth and 3,5 mm 12 V \equiv
 Finishings - LOGUS 90 | APOLO 5000

MEC Q45 Mechanism

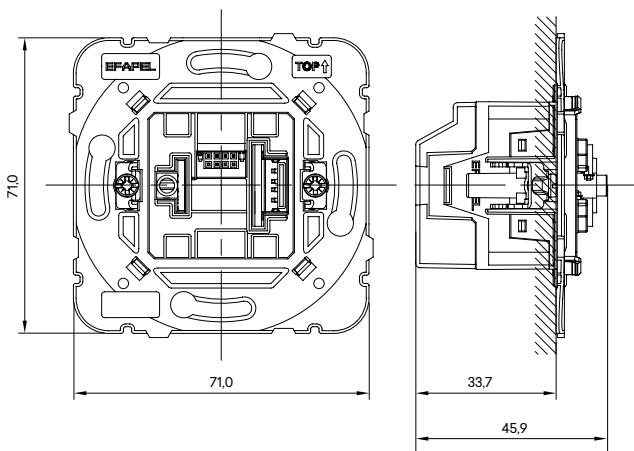
Ref. 75411 S - Central with USB, Bluetooth and 3,5 mm 12 V \equiv - 2 Modules
 Finishings - QUADRA | SIZA | LATINA

Its main function is to receive an audio signal from an external source (USB, Bluetooth and Jack 3,5 mm), package it and send it to all the Sound Control Units in the installation.

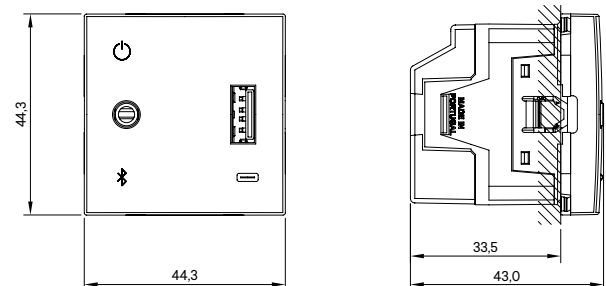
Characteristics

Reference		75211 75411 S	
Electrical	Voltage	Minimum	11 V \equiv
		Nominal	12 V \equiv
	Consumption	Standby	30 mA
		Maximum	60 mA
Audio	Jack 3,5 mm	Sensibility	0,373 Vrms (1,05 Vpp)
	Bluetooth (A2DP)	Range	\leq 10 meters
	USB	Format	.mp3
	Maximum number of control units		8 Local Control Units
Operation temperature		-10 °C - +45 °C	

Dimensions MEC 21 (mm)



Dimensions MEC Q45 (mm)



Control Units 12 V ≡

Description



MEC 21 Mechanisms

Ref. 75220 S - Control Unit FM 12 V ≡

Ref. 75221 S - Control Unit FM and Bluetooth 12 V ≡

Finishings - LOGUS 90 | APOLO 5000

MEC Q45 Mechanisms

Ref. 75420 S - Control Unit FM with Display 12 V ≡ - 2 Modules

Ref. 75421 S - Control Unit FM with Display and Bluetooth 12 V ≡ - 2 Modules

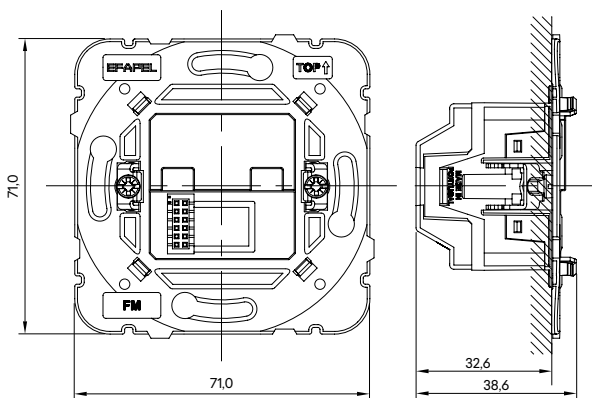
Finishings - QUADRA | SIZA | LATINA

Its main function is to receive the audio signal from the Sound Central, the internal tuner or Bluetooth, amplify it and distribute it to the loudspeakers.

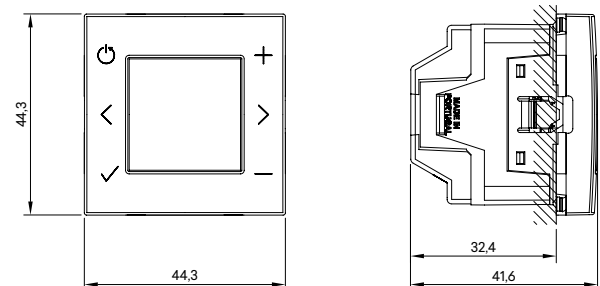
Characteristics

Reference		75220 75420 S	75221 75421 S
Electrical	Voltage	Minimum	11 V ≡
		Nominal	12 V ≡
	Consumption	Standby	12 mA
		Maximum	< 500 mA
Audio	FM Band		87.5 - 108.8 MHz
	Bluetooth (A2DP)	Range	- ≤10 meters
	Frequency response		30 Hz to 17 kHz
	Maximum output power	Mono	2 W / 8 Ω (RMS)
		Stereo	2 x 2 W / 8 Ω (RMS)
Operation temperature		-10 °C - +45 °C	

Dimensions MEC 21 (mm)



Dimensions MEC Q45 (mm)



Amplifier 12 V \equiv

Description



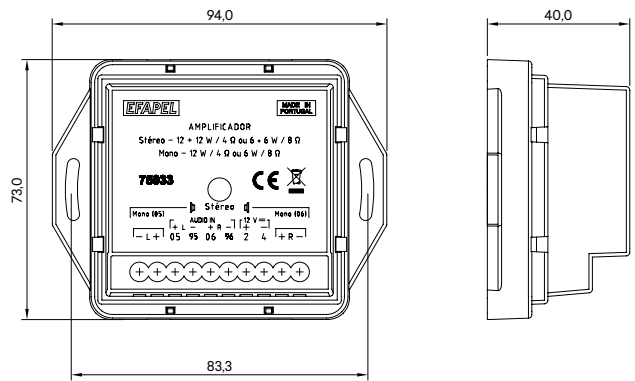
Ref. 75033 - Stereo Amplifier for False Ceiling 12 V \equiv

Amplifies the audio signal from a Sound Control Unit when it is necessary more audio power than the supplied by a normal Sound Control Unit.

Characteristics

Reference		75033
Electrical	Input voltage	12 V \equiv
	Maximum consumption	900 mA
Audio	Frequency response	35 Hz to 19 kHz
	Maximum output power	Mono 12 W / 4 Ω (RMS) 6 W / 8 Ω (RMS)
		Stereo 12 W + 12 W / 4 Ω (RMS) 6 W + 6 W / 8 Ω (RMS)
Operation temperature		-10 °C - +45 °C

Dimensions (mm)



Control Units 230 V ~

Description



MEC 21 Mechanisms

Ref. 75200 - Control Unit FM 230 V ~

Ref. 75201 - Control Unit FM and Bluetooth 230 V ~

Finishings - LOGUS 90 | APOLO 5000

MEC Q45 Mechanisms

Ref. 75400 S - Control Unit FM 230 V ~ - 2 Modules

Ref. 75401 S - Control Unit FM with Display and Bluetooth 230 V ~ - 2 Modules

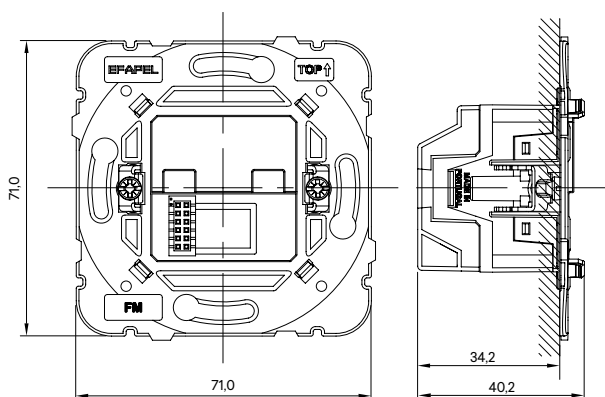
Finishings - QUADRA | SIZA | LATINA

Their main function is to receive the audio signal from the internal tuner or local external source, (Bluetooth), amplify it and distribute it to the loudspeakers.

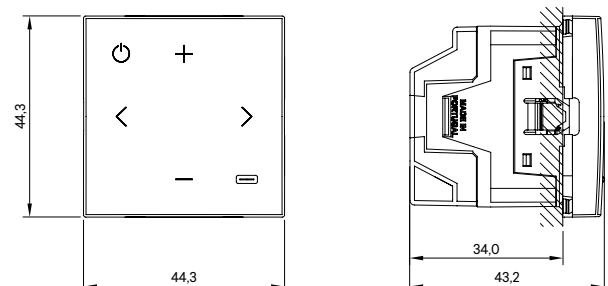
Characteristics

Reference		75200 75400 S	75201 75401 S	
Electrical	Rated voltage	100 - 240 V ~ / 50-60 Hz		
	Consumption	Standby	3,6 mA (< 0,3 W)	
		Maximum	55 mA (6,3 W)	
Audio	FM band		87.5 - 108.8 MHz	
	Bluetooth (A2DP)	Range	-	≤ 10 meters
		Frequency response	30 Hz to 17 kHz	
	Maximum output power	Mono	2 W / 8 Ω (RMS)	
		Stereo	2 x 2 W / 8 Ω (RMS)	
Operation temperature		-10 °C - +45 °C		

Dimensions MEC 21 (mm)



Dimensions MEC Q45 (mm)



Loudspeakers

Description



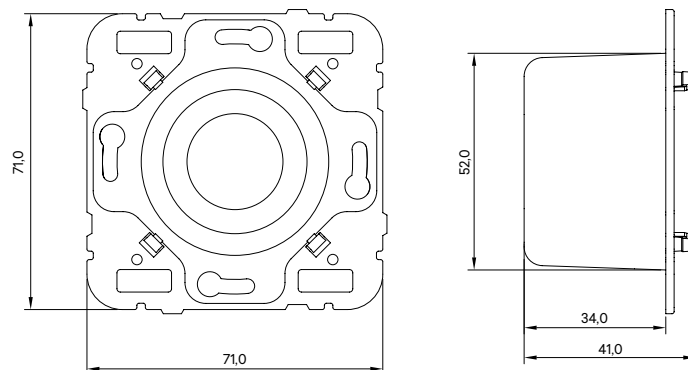
Ref. 75141 | 75142 - Loudspeaker of 2"
Ref. 75131 | 75132 - Loudspeaker of 3"
Ref. 75121 | 75122 - Loudspeaker of 5"
Ref. 75104 C | 75122 C - Surface Mounting Flat 2-Way Loudspeaker of 5"

Their function is to receive the audio signal from the Sound Control Units and transform it into vibrations that are transmitted to the environment, originating sound.

Characteristics

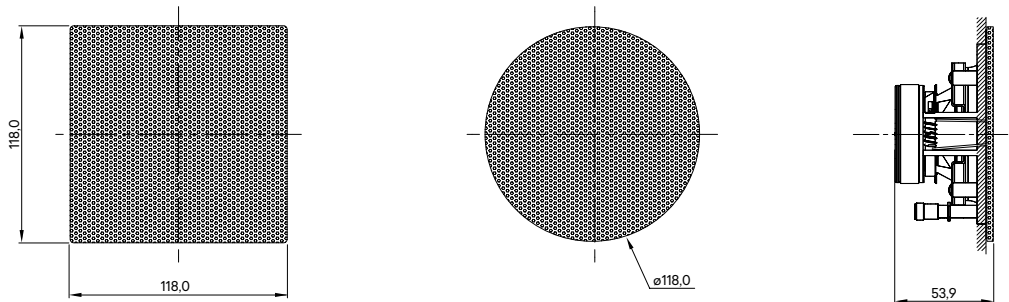
Reference	75141	75142	75131	75132	75121	75122	75104 C	75105 C
Size (Inches)	2"		3"		5"		5"	
Installation	Flush Mounting						Surface Mounting	
Cover Grill	-	-	Round - 75138 T Square - 75139 T		Round - 75128 T Square - 75129 T		-	
Impédance	8 Ohm	16 Ohm	8 Ohm	16 Ohm	8 Ohm	16 Ohm	8 Ohm	16 Ohm
Frequency response	450 - 5000 Hz		130 - 20000 Hz		75 - 20000 Hz		80 - 19000 Hz	
Maximum power	10 W		30 W		50 W		40 W	
RMS	-		20 W		35 W		25 W	

Dimensions - 75141 | 75142 (mm)



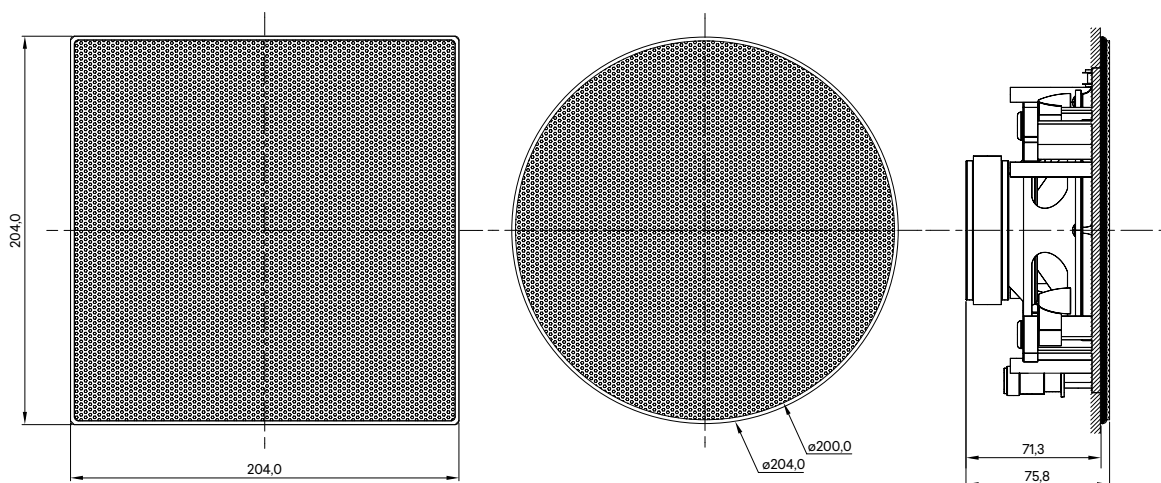
Loudspeakers

Dimensions - 75131 | 75132 (mm)



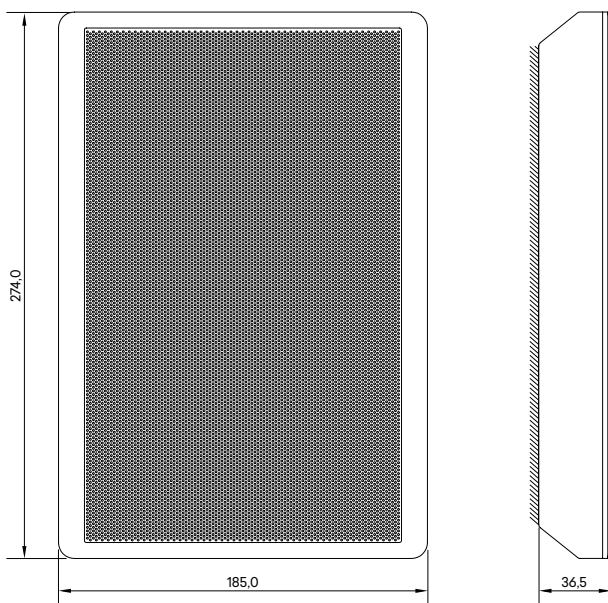
100,0 hole

Dimensions - 75121 | 75122 (mm)



180,0 hole

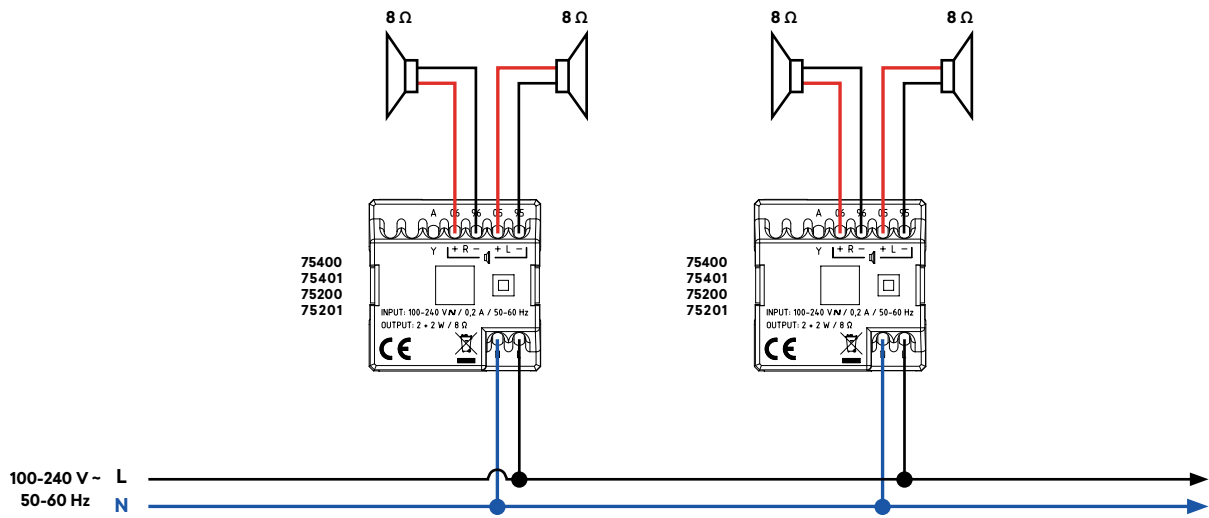
Dimensions - 75104 C | 75105 C (mm)



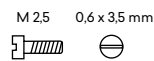
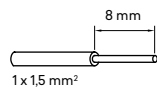
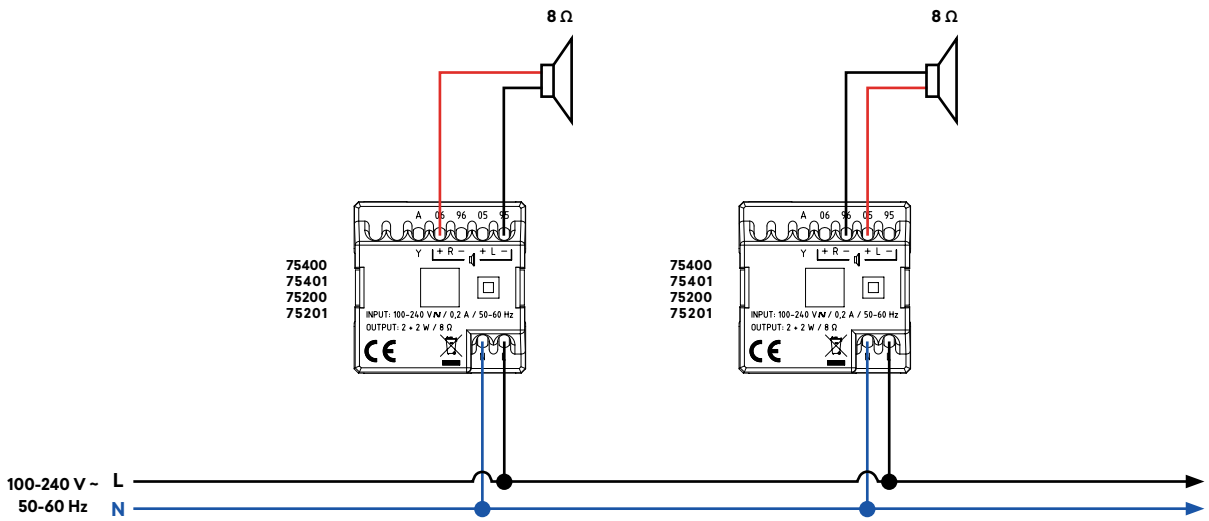
Solo (230 V ~)

Wiring Diagrams

Stereo



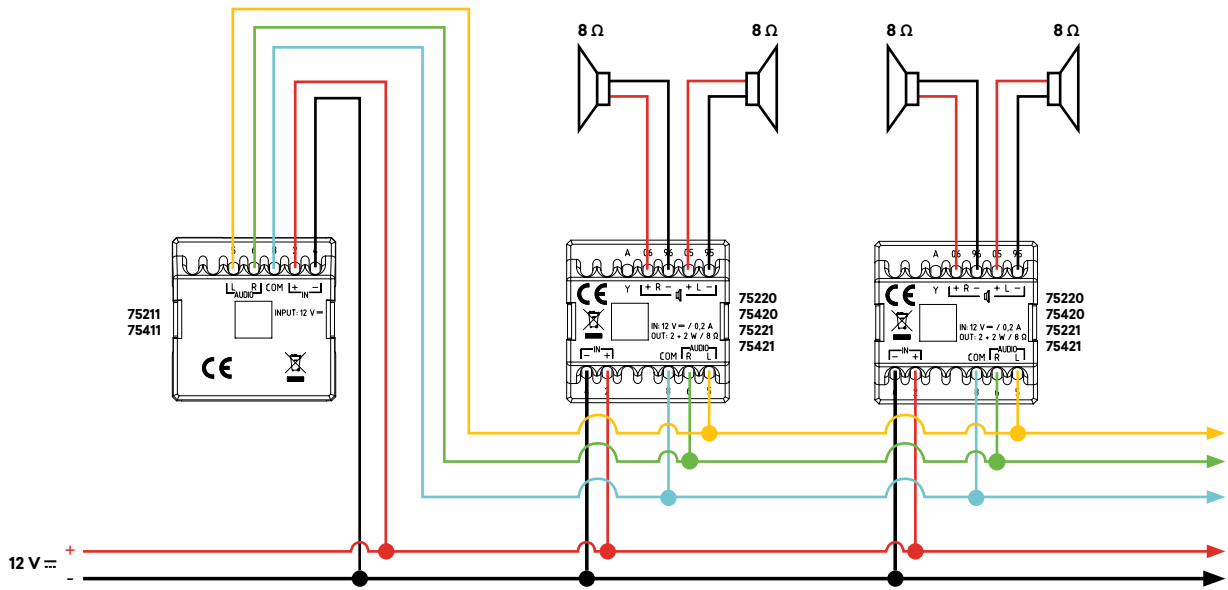
Mono



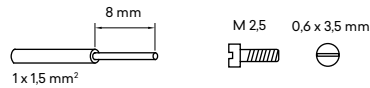
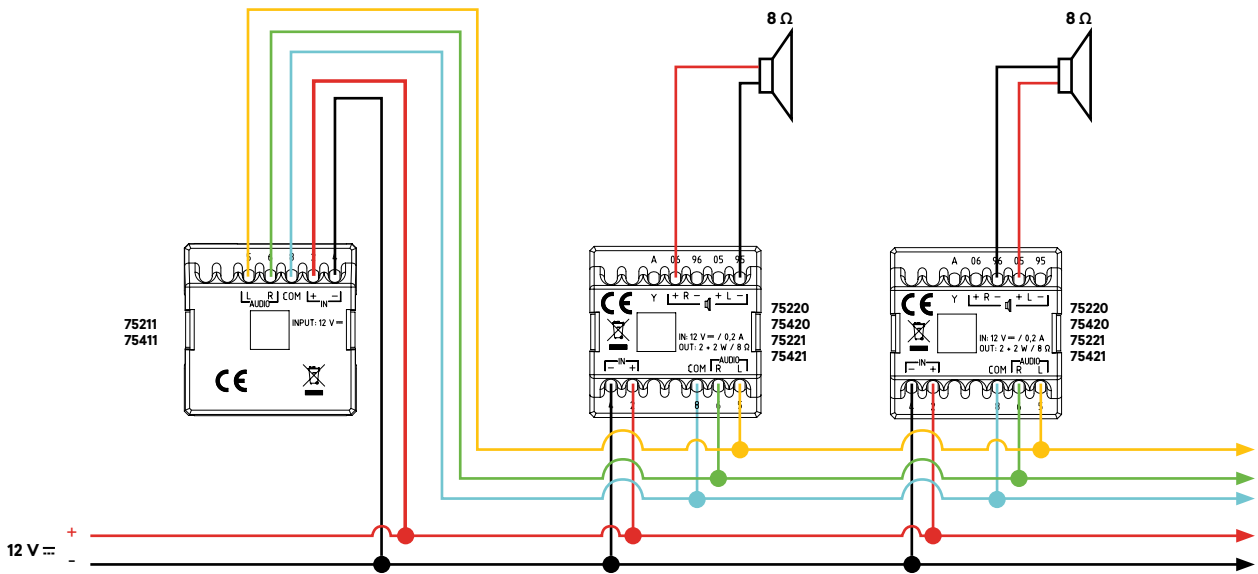
Orchestra (12 V =)

Wiring Diagrams

Stereo



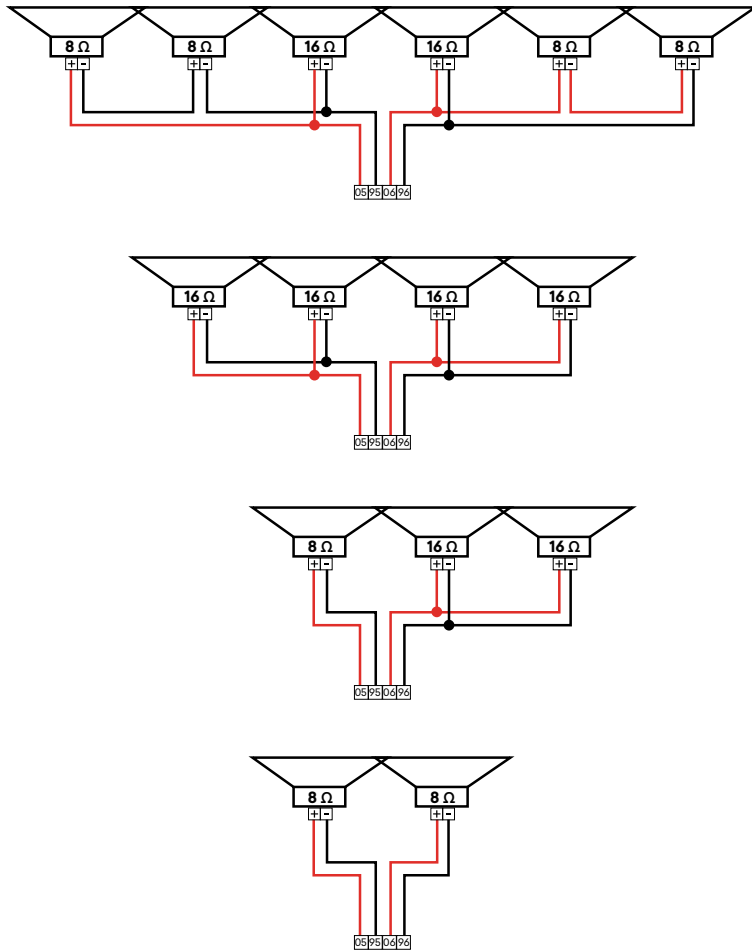
Mono



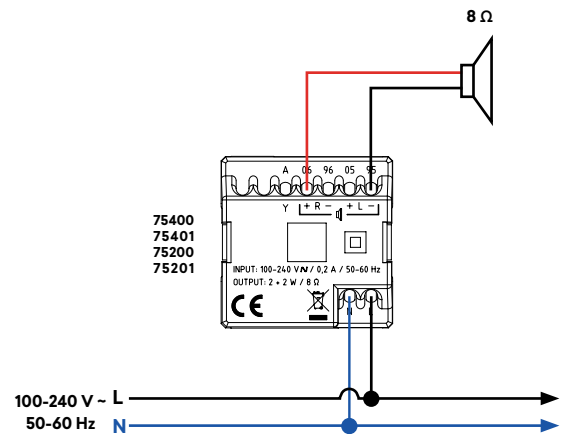
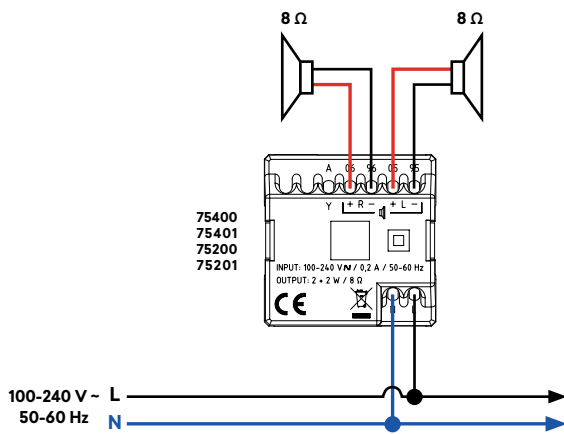
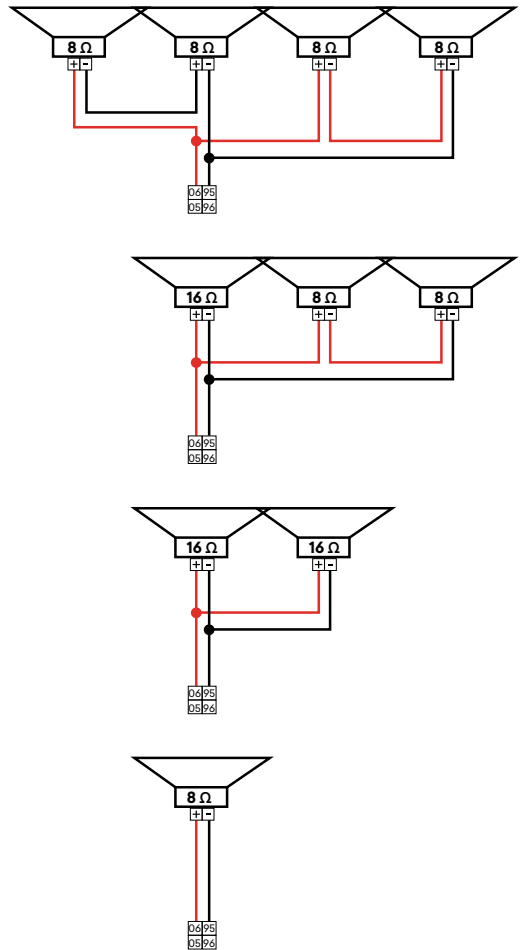
Loudspeakers

Wiring Diagrams

Stereo



Mono



Loudspeakers

Wiring Diagrams

Stereo

Mono

