

# ZM 2124

## 240 W 6 ZONES POWERED MASTER UNIT

### DESCRIPTION

ZM 2124 is the system main unit that includes a preamplifier with 6-zone selection and a built-in 240W amplifier. It is mostly indicated for small systems, where the required power per zone is limited. It has input connectors for sources and can manage priority and route the two buses to the system zones. It includes an output level control for each of the 6 zones powered by the internal 240W amplifier. An additional external amplifier is needed to keep the music programme in zones not involved by paging.



### FEATURES

- Dual-bus system architecture
- System Paging consoles input for up to 6 selective devices daisy-chained, aux input and overall emergency input on precedence primary bus
- 4 inputs of which 2 microphone and 2 universal, 3 selectable aux inputs with individual volume and tone controls with configurable priority on secondary bus
- 240W constant voltage power amplifier with VU-meter for output signal level and overload indication.
- Auxiliary external amplifier input and output terminals to manage primary and secondary buses independently
- Volume attenuators and switches with indicators to send or not the secondary bus program (i.e. music) on each of the 6 speaker line outputs
- Link to connect up to eight ZE 2200 6six-zone expansion units so to built-up paging systems in excess of 50 zones.
- Dedicated wall mounting system remote control allows you to remote the main commands available on the master unit
- Priority indicator to show when any system priority circuit has been triggered
- Selectable chime generator is available on announcements

## TECHNICAL SPECIFICATIONS

### System specifications

Number of zones managed:	54
Built-in power amplifier:	Yes
Max number of consoles:	6
Number of console buses:	1
Max number of units connectable:	9
Communication bus:	Serial
Units connections:	FTP CAT 5

### Amplifier specifications

Number of channels:	6
Power output (@ 100 V):	240 W RMS
Frequency Response (-3dB):	50 Hz ÷ 20 kHz
Signal/noise rate ("A" weighted)	>75 dB
Distortion (THD+N) @ 1 kHz nominal power:	<1 %

### Input section

Total number of inputs:	9
Balanced:	6
Unbalanced:	3
Mono:	6
Stereo:	3
Mic inputs:	2
Mic connectors:	XLR
Mic Phantom:	17.5 V DC
Line inputs:	2
Line connectors:	RCA
Mic+Line inputs:	2
Mic+Line connectors:	XLR
Mic+Line Phantom:	17.5 V DC
Paging inputs:	3
Paging connectors:	RCA, RJ45
Paging command:	Contact
General Purpose Inputs (GPI):	10
Programmable GPI:	Yes

### Output section

Signal output number:	1
Signal output connectors:	XLR
Power output connectors:	Euroblock
General Purpose Outputs (GPO):	10

### Processing

Tone controls:	Yes
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### Controls

Configuration:	Front panel
Priority:	Yes
Music on hold:	Yes
Chime tone:	Yes

<b>Protections</b>	Cooling:	Convection
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<b>Power requirement</b>	Operating voltage:	220-240/115 V~ 50/60Hz
	Voltage selection:	External
	DC power:	Yes
	DC power value:	24 V
	Power consumption:	720 W
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<b>Standard compliance</b>	CE marking:	Yes
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<b>Physical specifications</b>	Cabinet/Case Material:	Metal
	Color:	Black
	Rack mounting:	19", 3U
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<b>Size</b>	Height:	133 mm / 5.24 inches
	Width:	430 mm / 16.93 inches
	Depth:	365 mm / 14.37 inches
	Weight:	16.4 kg / 36.16 lbs
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<b>Shipping informations</b>	Package Height:	296 mm / 11.65 inches
	Package Width:	490 mm / 19.29 inches
	Package Depth:	490 mm / 19.29 inches
	Package Weight:	18.8 kg / 41.45 lbs

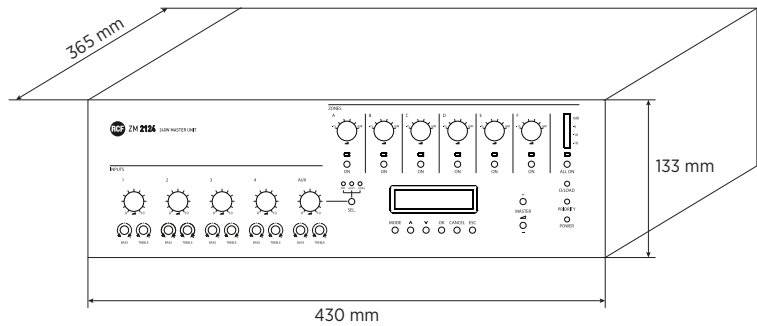
**PART NUMBER**

- **12135085**

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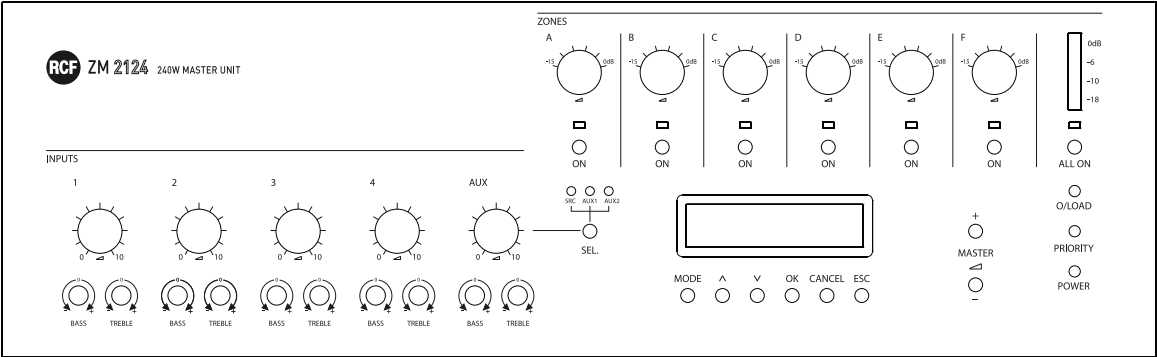
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DRAWINGS



PANELS

Front panel



Rear panel

