



ZM 2124

6 ZONES AMPLIFIED MASTER UNIT



Description

ZM 2124 is the ZM 2000 system master unit that includes a preamplifier with 6 zones selection and a built-in 240 W amplifier. It is based on a dual bus architecture, where the first bus is mainly dedicated for selective / all-call paging, while the second bus is for music distribution (or other signals). Toggle buttons turn on / off the second bus (music) on each zone and logic inputs / outputs (GPI / GPO) are available to interface the system with other devices. ZM 2124 is mostly indicated for small systems, where the required power for each zone is limited. It has input connectors for audio sources, can manage priority and route the two buses to the system zones. It also includes an output level control for each of the 6 zones powered by the internal amplifier. An additional external amplifier is needed to keep the music programs to zones not involved by paging.

Features

- › 240 W total power
- › Dual-bus system architecture
- › Selectable inputs priority
- › Link up to 8 ZE 2200 zone expansions
- › 24 V DC secondary power supply
- › Dedicated paging input (up to 6 BM 2006)
- › Emergency audio input
- › Auxiliary external amplifier input
- › Selectable chime generator
- › Dedicated wall mount remote control

Part Number

12135085 ZM 2124

220-240/115 V Black

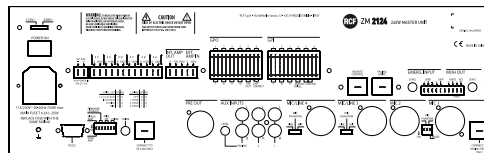
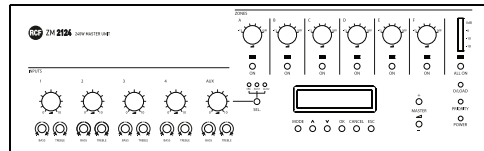
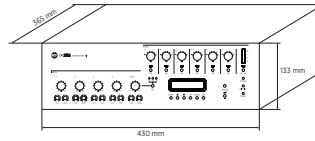
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Line Art 2D



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
Connection Cables	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



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Output section	Signal output number	1
	Signal output connectors	XLR
	Power output connectors	Euroblock
	General Purpose Outputs (GPO)	10
Processing	Tone controls	Yes
Controls	Configuration	Front panel
	Priority	Yes
	Music on hold	Yes
	Chime tone	Yes
Protections	Cooling	Convection
Power requirement	Operating voltage	220-240/115 V- 50/60Hz
	Voltage selection	External
	DC power	Yes
	DC power value	24 V
	Power consumption	720 W
Standard compliance	Safety agency	CE compliant
Physical specifications	Cabinet/Case Material	Metal
	Color	Black
	Rack mounting	19", 3U
Size	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