



MU 7100EN MKII

AMPLIFIED MASTER UNIT



Description

MU 7100EN MKII is the master unit of the DXT 7000 Voice Alarm system, designed to fulfill all requirements of EN 54-16 and EN 60849 standard. The whole signal path from microphone to loudspeaker lines is completely and automatically monitored against faults. All properties and functions of the system are specified with Windows based DXT 7000 configuration software and are downloaded to master unit through its USB port.

Features

- › 8 x 7 configurable digital matrix
- › Powerful DSP platform on-board
- › Dual AC and DC power supply
- › 8 x 80 W power amplifier
- › PC software configuration
- › Emergency messages on monitored memory
- › Up to 32 units linked together
- › Up to 256 loudspeaker lines

Part Number

12100063 MU 7100EN MKII

90-240 V

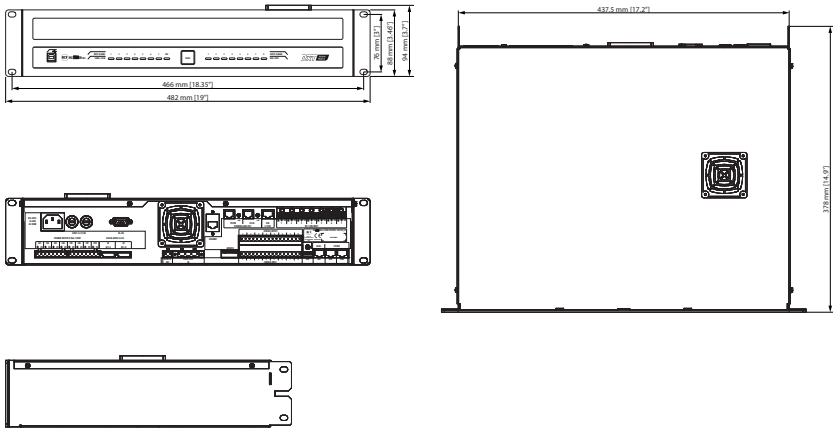
EAN 8024530019679



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Line Art 2D



TECHNICAL SPECIFICATIONS

System specifications	Number of zones managed	128
	Built-in power amplifier	Yes
	Spare amplifier automatic change-over	Yes
	Max number of consoles	32
	Number of console buses	2
	Number of simultaneous emergency audio channels	2
	Max number of units connectable	64
	Communication bus	Serial
	Connection Cables	FTP CAT 5, FTP CAT 6
	Integrated pre-recorded emergency messages	Yes
	Integrated pre-recorded routine messages	Yes
	Message scheduler	Yes
	Remote monitoring	Yes
	Protocols for system integration	ASCII
Amplifier specifications	Amplifier Class	D
	Number of channels	8
	Power output per channel (@ 8 ohm)	80 W RMS
	A/B speakers line	Yes
	Frequency Response (-3dB)	20 Hz - 20 kHz
	Signal/noise rate ("A" weighted)	>96 dB
	Distortion (THD+N) @ 1 kHz nominal power	<0.05 %



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Input section	Total number of inputs	9
	Balanced	7
	Mono	7
	Mic+Line inputs	7
	Mic+Line connectors	Euroblock
	Paging inputs	2
	Paging connectors	RJ45
	General Purpose Inputs (GPI)	8
	Programmable GPI	Yes
Output section	Monitored GPI	8
	Power output lines	8
	Power output connectors	Euroblock
	General Purpose Outputs (GPO)	8
Processing	Programmable GPO	Yes
	DSP	Yes
	EQ Filters	Yes
	Compressors	Yes
	Delay	Yes
Controls	Tone controls	Yes
	Configuration	DIP switch, PC Software
	Number of programs/presets	128
	Priority	Yes
	Music on hold	Yes
Protections	Chime tone	Yes
	Cooling	Convection/Forced
	Short circuit	Yes
	Thermal	Yes
	DC	Yes
Power requirement	Fuses	Yes
	Operating voltage	90-240 V~ 50/60Hz
	DC power	Yes
	DC power value	48 V
Standard compliance	Power consumption	980 W
	Safety agency	CE compliant
	EN54-16 certified	Yes
Physical specifications	CPR number	1438-CPR-1093
	Cabinet/Case Material	Metal
	Rack mounting	19", 2U



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Size / Weight	Height	94 mm / 3.7 inches
	Width	482 mm / 18.98 inches
	Depth	378 mm / 14.88 inches
	Weight	8.4 kg / 18.52 lbs