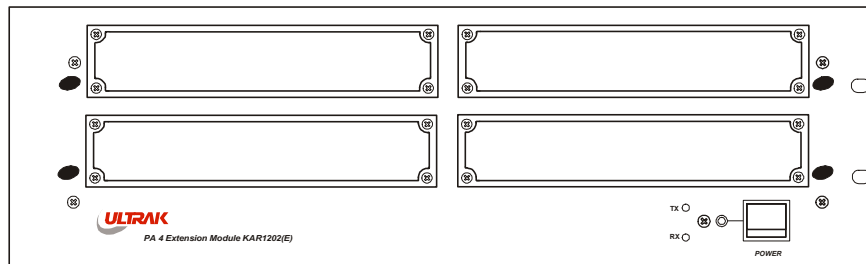


KAR-X500Series

MODULAR AUDIO MATRIX SYSTEM



The central part of the KAR-X500Series Modular Audio Matrix System is the Modular Expansion Unit KAR1202 which is compatible with Wide Range of Ultrak Audio Modules for Public Address and Evacuation applications.

The KAR-X500Series Modular Audio Matrix System that can be customized system allowing the user to broadcast either a music signal or voice message to a selected zone or group of zones.

The KAR-X500Series is an Modular Audio Matrix System with up to 5 audio inputs and up to 20 audio outputs.

The KAR-X500Series is designed for use in small to medium size audio systems, the Audio Matrix allows any input to be routed to any output.

The KAR-X500Series has a 24 VDC output to override the zone attenuators if neccessary.

The KAR-X500Series has a customized chime may also be recorded into the Digital Message Unit for particular applications

This system has Two Main Application Fields:

- PA configurations having a lot of zones, but with a few speakers per zone.
- All PA applications not requiring several sources routed to several zones at the same time.

Features:

- 5 Line Level Inputs
- Up to 20 Outputs (Balanced)
- Multiple Expansion Ports allow the use of up to Four Additional Modules
- 24 V DC Volume Control Override
- Multiple Priority Levels
- Compatible with Wide Range of Ultrak Audio Modules
- Compatible with Ultrak Paging Microphone KAF1412
- Compatible with Ultrak KAA, KAB and KAC Mixer/Main Amplifiers
- Remote Control up to 4 KAK2111T Digital Message Units (24 messages)
- 240, 230 and 120Voperation
- 19" Rack Mounted

The Digital Message Module Has The Following Features:

- Volume Control Potentiometer
- Customized Chime
- Output Audio Monitoring
- Play and Record Indicator
- Two Recording Levels
- Automatic Emergency Announcement



KAR-X500Series

TECHNICAL SPECIFICATIONS

MODULES MODELS

KAK-X520	Digital Matrix Module 5 Inputs / 5 Outputs
KAK-P1052	Pre-Amplifier Module 5 Inputs
KAK-R205	Override Zone Selector 5 Inputs / 5 Outputs
KAK-2111T	Digital Message Module 6 Blank Memory with Automatic Broadcasting Function
KAK-9244	Digital Message Interface With RS-485
KAK-9144	Emergency Interface Module 8 N/O Inputs and 4 Relay Outputs
KAK-1201	AM/FM Tuner Module 6+6FM/6AM Presets
KAK-6103	Interface Module Remote Control for Zone Selection and Digital Message
KAK-31	Cassette Player Module Fast- Forward/Reverse, Eject and Direction LEDS
KAK-1203	AM/FM Tuner and Cassette Player Module Tuner with Auto Reverse Cassette

ENVIRONMENT & MECHANICAL

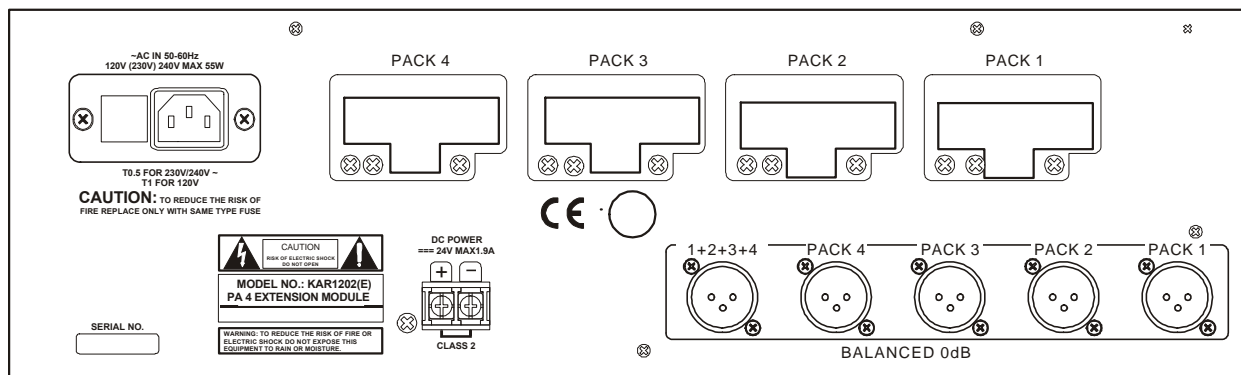
Temperature Storage	-20°C to +70°C
Temperature Operation	0 to 50°C
Humidity	80% RH to at least +65°C (non condensing)
Altitude	3000 meter max
Dimensions	19.2 (W) x 13.78 (D) x 5.23 (H) in. 483 (W) x 350 (D) x 133 (H) mm
Weight	Body Only 7 kg 15.43lbs

POWER REQUIREMENTS

Power Source	AC	120V/220V/230V/240VAC (50 / 60Hz)
	DC	24VDC

ELECTRICAL

Frequency Response	20 Hz-20KHz, Less than -0.5 db
Signal To Noise Ratio	>68 db
Output Level	+6 dBu
THD at 1KHz Rated Power	<0.02%
Input Sensitivity	Line: 0dBu



Conversion: 1" = 25.4mm
Measurement conversions are approximate

Design and specifications subject to change without notice.

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