



KADS-100

Master KADS Audio Controller



The KADS-100 (Kramer Audio Distribution System) is a master audio controller for use with multiple, remote, active KADS-1 and KADS-2 speakers. It features eight unbalanced mono audio inputs, one S/PDIF digital stereo audio input, and one USB connector for mass-storage devices. RS-232 data and commands flow bidirectionally allowing remote status requests and control of the speakers. The KADS system runs power and eight audio channels over a single standard speaker cable. It supports up to 99 speakers in a system with equalization and gain control on each speaker.

FEATURES

- High-Resolution Audio Support.
- Highly Flexible Layout Options - Supports up to 8 speakers per branch) in a daisy chain. Additional branches (up to 99 speakers) require KADS-2 branching speakers with additional power supplies.
- Eight Logical Audio Channels - Each input can be assigned to one or more KADS speakers.
- Ten Presets - For storing commonly used configurations.
- Bidirectional RS-232 - RS-232 data and commands flow bidirectionally allowing remote status requests and control of up to eight daisy-chained KADS-1 speakers on a single standard speaker cable.
- USB - USB-A for Mass Storage & USB-C Mini for Firmware upgrade.
- Control - RS-232, Ethernet (built-in web server) & IR. Each speaker: Input source, volume, base, mid-range plus mic gain/delay.
- System Range - Up to 30m (100ft) between speakers, total range 240m (800ft). Longer ranges require additional power supplies for KADS-2 branching speakers.
- Built-In Ethernet Web Server.

TECHNICAL SPECIFICATIONS

INPUTS:	1 mic on a 6.5mm phone jack (F), 8 analog stereo audio on RCA connectors, 1 S/PDIF audio on an RCA connector, 1 USB on a USB Type A connector.
OUTPUTS:	1 speaker on a 2-pin terminal block connector.
PORTS:	1 bidirectional RS-232 on a 9-pin D-sub connector, (for remote serial control or firmware upgrades), 1 prog/upgrade on a mini USB, (for firmware upgrades), 1 Ethernet on an RJ-45 TP connector.
RS-232:	Baud rate: 115200bps, mode: full-duplex.
USB FLASH-DRIVE:	Maximum 1Gb partition formatted as FAT32.
MAXIMUM DISTANCE BETWEEN SPEAKERS:	30m (100ft).
POWER CONSUMPTION:	100–240V AC, 50/60Hz, 220VA.
TRANSMISSION DISTANCE:	Up to 30m (100ft) on a two-wire twisted power cable.
SUPPORTED WEB BROWSERS:	Windows 7 and higher: IE (32/64 bit) version 10, Firefox version 30, Chrome version 35 MAC: Chrome version 35, Firefox version 27, Safari version 7 Android OS: Chrome version 35 iOS: Chrome version 35, Safari version 7.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	–40° to +70°C (–40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
COOLING:	Forced air, fan.
ENCLOSURE TYPE:	Aluminum.
RACK MOUNT:	With included rack “ears”.
FURNITURE MOUNT:	With included rubber feet.
PRODUCT WEIGHT:	2.3kg (5.1lbs) approx.
SHIPPING WEIGHT:	3.7kg (8.1lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
SAFETY REGULATORY COMPLIANCE:	CE.
ENVIRONMENTAL REGULATORY COMPLIANCE:	RoHs and WEEE.
DIMENSIONS:	43.3cm x 18.1cm x 4.4cm (19" x 7.1" x 1U) W, D, H.
INCLUDED ACCESSORIES:	Power cord, remote control RC-IR3, 1 ferrite ring PN 2582–000021.