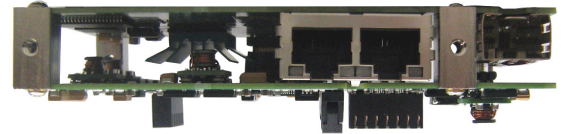


## OKI

### OMNEO Keypanel Interface Card

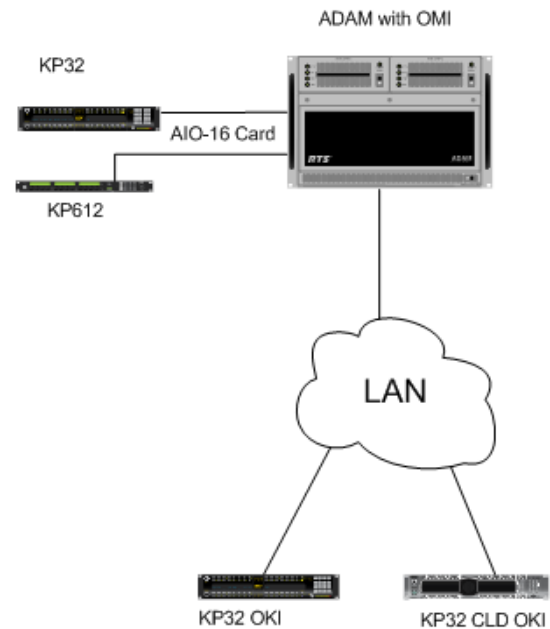
Offering the latest in state of the art technology, the OKI (OMNEO Keypanel Interface) card enables select RTS user stations to connect to the ADAM/ADAM-M intercom systems using OMNEO. OMNEO sets the standard for the future of high quality audio communications by offering high quality IP compatible audio, ultra low latency, and supports DHCP and Bonjour protocols. Long cable runs become a non-issue with the plug and play OMNEO technology.

The OKI is easily installed into the KP 32 CLD, KP 12 CLD, or the KP-32 Classic keypanels. It is fully Layer 2 and Layer 3 TCP/IP compliant and is compatible with **POE** (Power Over Ethernet) equipped networks.



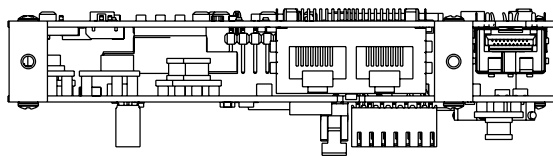
## Features

- Provides less than 20ms of audio latency in typical network installations.
- Provides a frequency response of 20Hz to 20KHz to the keypanel.
- Supports DHCP and device discovery for easy setup and network management.
- Supports a fiber connection to the keypanel (multi-mode or single-mode optional).
- Supports Cat 5/5E and 6 with dual Ethernet connector for device looping.

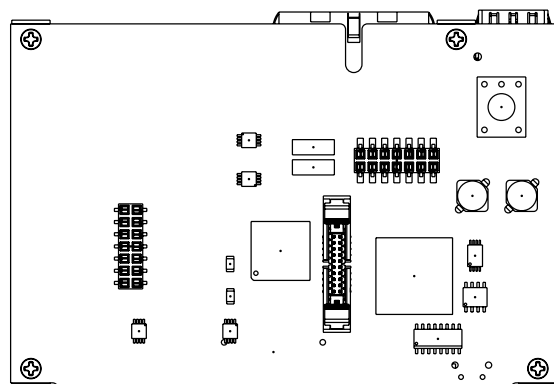


System Diagram

## Line Drawings



OKI Board Front View



OKI Board Bottom View

# Specifications

## General

Dimensions.....4.5" W x 3.0" D x 1.1" H (11.43cm W x 7.62cm D x 2.794cm H)  
 Weight ..... 4.15 oz. (117.65g)

## Power Consumption

KP 12 CLD/KP 32 CLD without Fiber ..... 5 Watts  
 KP 12 CLD/KP 32 CLD with Fiber ..... 5.75 Watts  
 KP-32 Classic without Fiber ..... 5.5 Watts  
 KP-32 Classic with Fiber ..... 6.25 Watts

## Connections

2- RJ-45 Ethernet Connectors  
 SFP Fiber Connector.....LC Type

## Bandwidth Requirement

Per Channel

<b><u>Rx Latency</u></b>	<b><u>48kHz/24-bit</u></b>
1ms	2.59 Mbit/s

## Audio

Frequency Response (Input)..... 20 Hz to 20 KHz  
 Network Delay ..... <20ms typical

## Environmental

### KP 32 CLD

Storage Temperature..... -40°F to 158°F (-40°C to 70°C)  
 Operating Temperature..... 5°F to 122°F (-15°C to 50°C)

### KP 12 CLD

Storage Temperature..... -40°F to 158°F (-40°C to 70°C)  
 Operating Temperature..... 5°F to 122°F (-15°C to 50°C)

### KP-32 Classic

Storage Temperature..... -40°F to 140°F (-40°C to 60°C)  
 Operating Temperature..... 14°F to 105.8°F (-10°C to 41°C)

Humidity (non-condensing)..... <95%

# Order Information

- OKI KP32CLD\_WRP • OMNEO KP Interface KP32CLD with Rear Panel
- OKI KP32\_WRP • OMNEO KP Interface KP32 with Rear Panel
- OKI KP12CLD\_WRP • OMNEO KP Interface KP12CLD with Rear Panel

For ordering information, contact your regional sales representative at:  
[www.rtsintercoms.com](http://www.rtsintercoms.com)

The specification information is preliminary and is subject to change without notification.  
 Brand names mentioned are the property of their respective companies.