

# CrystalLink Audio

CAT5 Audio Extender



## Features and Benefits

- Extend a PC's audio and microphone ports up to 1,000 feet away using CAT5 cable
- Connect a set of powered multimedia speakers, headphones or earphones directly to the receiver
- Microphone gain can be adjusted from 0 to +15dB
- The receiver unit has a built-in microphone preamplifier
- Only one power adapter is needed on the transmitter unit, receiver unit's power is supplied from the transmitter.

## Stereo Audio Extender

Extend stereo audio and a microphone up to 1,000 feet (300 meters) over a single CAT5 cable

Supports multimedia speakers, headphones, or earphones

Built-in microphone preamplifier

Adjustable microphone gain

Supports condenser or dynamic microphone inputs

## The Audio Extender Advantage . . .

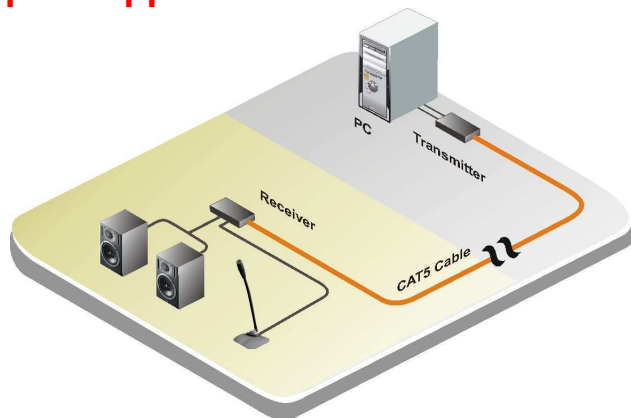
The CrystalLink Audio Extender from Rose Electronics is the perfect addition to systems that require extending the audio away from the PC.

Unattended computers used for controlling manufacturing functions can alert a remote area of a problem or a malfunction that has occurred.

Combine the CrystalLink Audio Extender with Rose Electronics Audio Splitter product line and extend an audio source to several remote locations.

The CrystalLink Audio Extender is the perfect solution for providing audio instructions to the users of a touch screen Kiosks.

## Typical Application



Extend your speakers and microphone up to 1000 feet

## CrystalLink Audio Extender basics

The CrystalLink Audio Extender consists of a local audio transmitter that connects to a computer audio and Mic outputs and a remote audio receiver that connects to a microphone and headphones or powered speakers. The transmitter and receiver units are connected with up to 1,000 feet of CAT5 cable.

## Cables

The cables needed are;

- 2 - 3.5mm stereo audio cables
- 1 - CAT5 cable terminated with RJ45M connectors

## Installation

Installation of the CrystalLink audio extender is a very easy and simple procedure. Connect your computer's audio and microphone output connectors to the corresponding input connectors on the audio extender transmitter. The audio extender receiver unit connects directly to a condenser or dynamic microphone and stereo headphones. The transmitter and receiver units are connected together with up to 1,000 feet of CAT5 cable. If needed, the microphone gain can be adjusted from 0 to +15dB.

## Part Numbers

P/N	Description
ALD-KAAU2	Complete kit
ALD-TAAU2	Transmitter + Power adapter
ALD-RAAU2	Receiver

## Specifications

### Dimensions

Width (in / mm)	Depth (in / mm)	Height (in / mm)	Weight (oz / g)
0.87 / 22	3.6 / 92	1.3 / 34	2.1 / 65

### Connectors:

Transmitter: RJ45F  
power jack  
3.5 mm Audio in  
3.5 mm Mic out

Receiver: RJ45F  
power jack  
3.5 mm Audio out  
3.5 mm Mic in

### Audio:

Frequency Response: 10Hz to 25Khz (1Vp-p/10k )  
Impedance: 10k Ohms  
Audio In: 1.8Vp-p  
Mic In: 0.5Vp-p

### CAT5 Cable

Distance: 1,000 feet (300 meters) Max

### Power:

Adapter +9 VDC / 300ma



■ Phone: 281-933-7673 ■ E-mail: sales@rose.com ■

10707 Stancliff Rd. Houston, TX 77099

Rose Electronics – Europe: +49 (0)2454 969442 Rose Electronics – Asia: +65 6324 2322

DS-CAT5AX 1.0

© Copyright 2010 Rose Electronics. All rights reserved