

Component Video & Stereo Audio, Digital CAT5 Extender With Chainable Output

ITEM NO.: YE02DAL, YE02DALR



YE02DAL is designed for Component Video +Stereo Audio, Digital Audio signal over cost effective CAT5 cable to instead of Component Video and Audio cable. YE02DAL receiver built in chainable output to cascade the other receiver for working range over 300 meters. It is optimum video performance under long cable run and perfect for multiple monitor display.

This AV Extender is the smart, fast and cost-effective, eliminates costly and bulky Component Video and Audio cable and the most efficient way to move multimedia content from player to display. Used in pairs, the Component Video & Audio Extender is used in shopping malls, public address systems, airports, train & bus station, boardrooms, trade shows, computer based training application.

YE02DAL 1 in 2 Out Component Video with Stereo Audio CAT5 Extender Chainable function

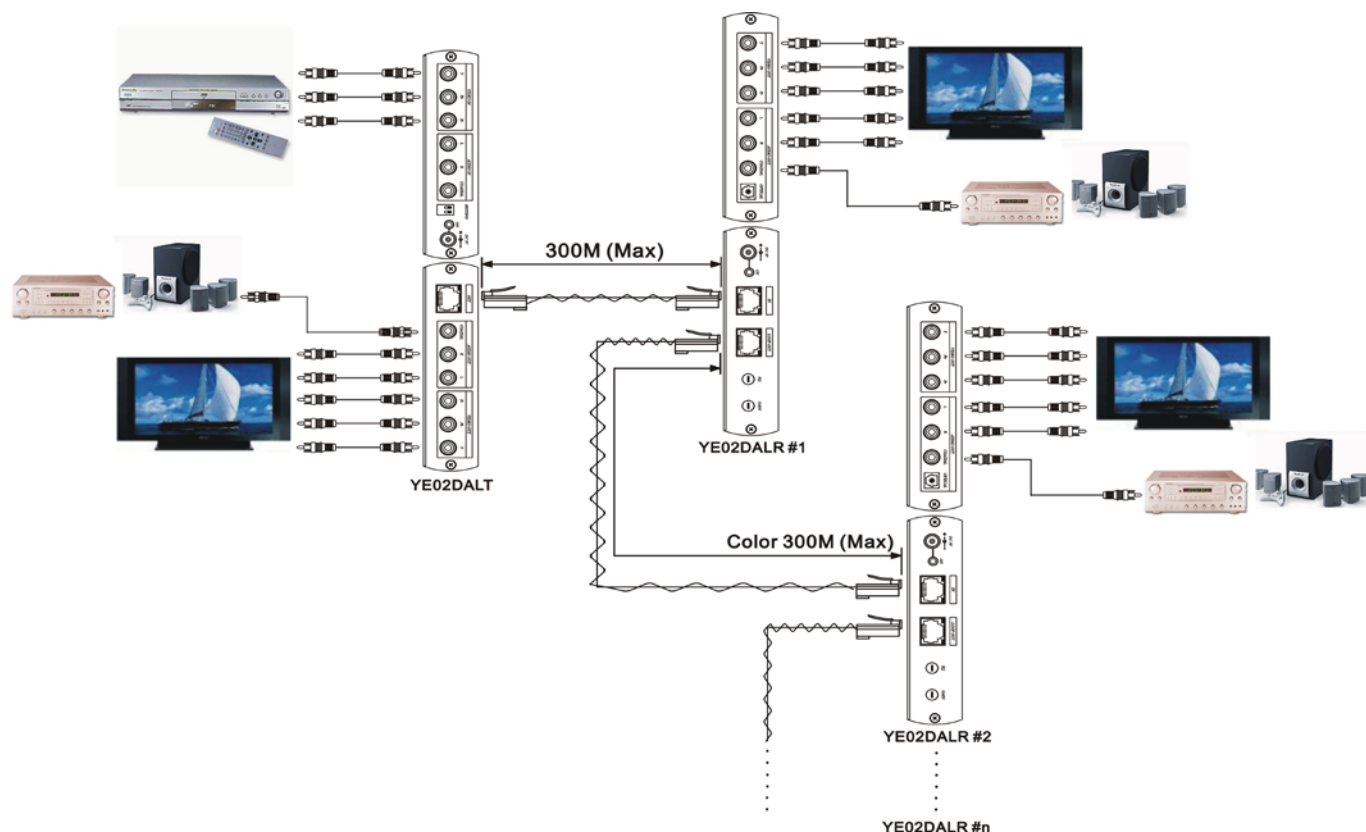
- Extends Component Video and stereo audio, digital audio over one UTP CAT5 cable.
- Each set including one piece YE02DALT transmitter and one piece YE02DALR receiver.
- Support analog stereo audio and digital audio.
- Digital transmission on analog stereo audio for sound undistorted. (Dolby Digital, AC3, DTS passed through)
- Supports hi resolution up to 1080p.
- Long range transmission up to 300 meters (Max.)
- **Dual output: 1 Component Video loop output for local, plus 1 x CAT5 RJ45 output for remote side.**
- **Built in equalization, gain adjustment, chainable CAT5 output at remote unit.**
- **Remote unit could be daisy chained to another YE02DALR receiver to extended working range over 300 meters and multiple displays.**
- Application for airports, train & bus stations, window display, trades shows, exhibitions.

Option Model:

YE02DALR Component Video with Stereo Audio CAT5 Receiver – Chainable function

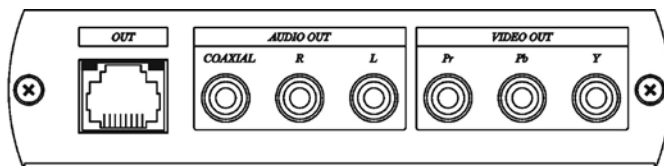
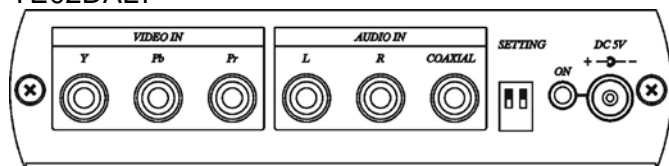
- **Work with YE02DALT as receiver for extra remote component Video display equipment.**
- **It could be daisy chained for another YE02DALR to extended working range over 300 meters and multiple displays.**
- Built in equalization, gain adjustment.
- Supports up to 1080p.
- Built in LPCM 44.1K / 48K 16Bit stereo audio decode function, digital & analog audio could be output simultaneously.
- Support Dolby Digital (AC3) & DTS digital output. (pass through).

Installation View:

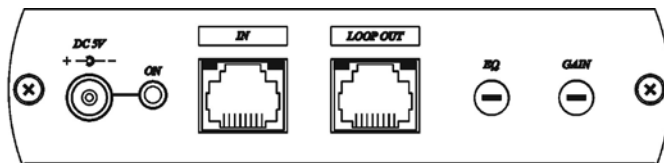
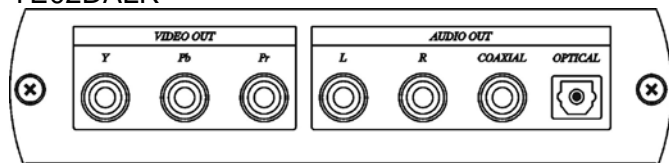


Panel View:

YE02DALT



YE02DALR



Cable:

Video Link cable using hi quality CAT5E UTP/STP or CAT6 UTP cable. Please noted STP cable could enhance noise rejection, but also less transmission range and picture sharpness quality.

RJ45 Define:

Link Cable (TIA/EIA-568-B)

| No. | Color | Signal |
|-----|--------------|-----------|
| 1. | Orange-white | Video Pr+ |
| 2. | Orange | Video Pr- |
| 3. | Green-white | Video Y+ |
| 4. | Blue | Audio - |
| 5. | Blue-white | Audio + |
| 6. | Green | Video Y- |
| 7. | Brown-white | Video Pb+ |
| 8. | Brown | Video Pb- |

YE02DALT Switch Setting:

DIP Switcher Setting

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- | | |
|---|-------------------------------|
| 1 | Audio Source Select |
| ↑ | Stereo audio input (Analog) |
| ↓ | Digital Audio input (Coaxial) |
| 2 | Analog Sampling Frequency |
| ↑ | 48Khz |
| ↓ | 44Khz |

YE02DALT LED indication:

Blue power on/off

Link Cable Connector:

Green: Digital audio signal setup

Yellow: Analog Sampling Frequency, ON = 48Khz, OFF = 44Khz

YE02DALR Adjustment:

EQ equalization (sharpness)

Gain signal boost (brightness)

* Recommend adjust the EQ trimmer to the right end, then slightly turn to left side for the best picture quality. Improper adjustment can cause picture not stable, even no picture display.

YE02DALR LED Indication:

Blue Power on/off

Link Cable Connector:

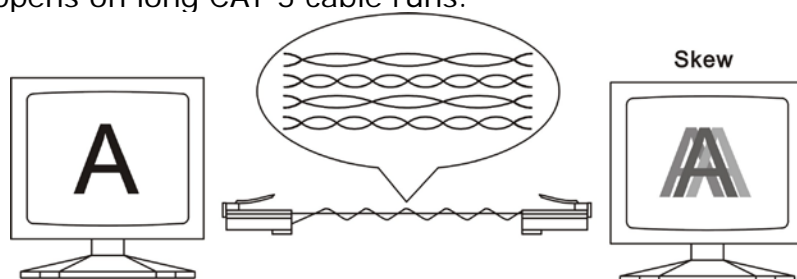
Green: Digital audio signal setup

Caution:

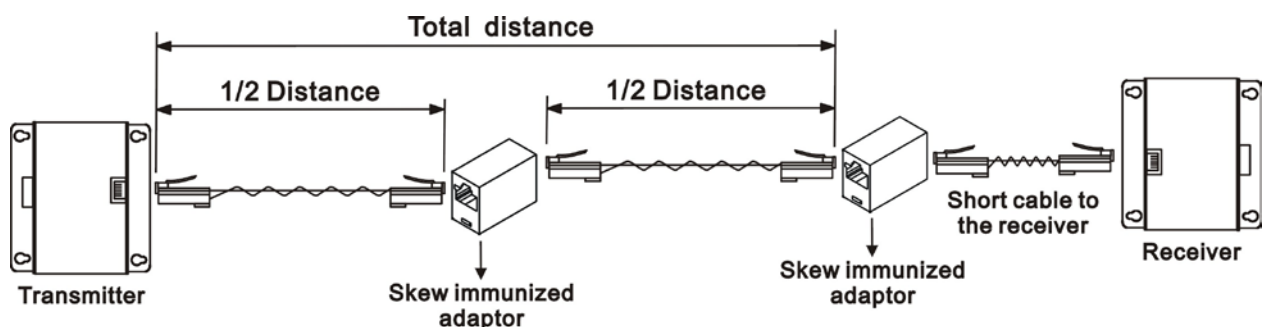
The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage lines.

Installation Tips:

1. Due to the inside of CAT5 cable that the pairs of wires are twisted at different rates, AND the different quality on cable itself and installation that will cause different signal arrival time at each pair. If there are big different at arrival time, that will cause skew status. This is seen on the monitor as separation, or lack of convergence in colors. Normally it happens on long CAT 5 cable runs.



2. Recommend to use following cabling way to reduce skew status, to add special made "skew immunized adaptor", 2 pieces included at the package.



CAUTION: to avoid display equipment damaged, be sure to make correct cable connection and power for both YE02DALT before connecting YE02DALR.

Specification:

| ITEM NO. | YE02DALT |
|------------------------------|---|
| Resolution | Up to 1080p |
| Video Bandwidth | Local 750MHz-3dB / Remote 350MHz-3dB |
| Video Input / Output | RCA x 6 : Y (75Ω , 1.0 Vp-p) , Pb Pr (75Ω , 0.7 Vp-p) |
| Audio Input / Output | Analog audio L-R stereo audio RCA x 1 (3Vp-p Max.10KΩ) |
| Audio Bandwidth | 20-20KHz -3dB |
| Audio Connector | stereo audio RCA x 1 + optical coax |
| ANALOG AUDIO INPUT / OUTPUT | RCA X 4 (10KΩ) , 3 VP-P (MAX) |
| DIGITAL AUDIO Input / Output | RCA x 4 (10KΩ) , 3 Vp-p (Max) + Coaxial RCA x 2 (75Ω) |
| Link Connector | RJ45 x 1 |
| Max Distance | Up to 300M (1000 feet) |
| Power Supply | 5V DC 2000mA |
| Power Consumption | 400mA (Max) |
| Dimensions (mm) | 125 x 95 x 30 |
| Weight (g) | 280 |

| ITEM NO. | YE02DALR |
|-----------------------|---|
| Resolution | Up to 1080p |
| Video Bandwidth | 150Mhz-3dB |
| Video Output | RCA x 3 : Y (75Ω , 1.0 Vp-p) , Pb Pr (75Ω , 0.7 Vp-p) |
| Analog Audio Output | RCA x 2 (10KΩ) , 3 Vp-p (Max) |
| DIGITAL AUDIO Output | Coaxial RCA x 1 (75Ω) , Optical x 1 |
| Link Connector | RJ45 x 1 |
| Loop output Connector | RJ45 x 1 |
| Max Distance | Up to 300M (1000 feet) |
| Power Supply | 5V DC 2000mA |
| Power Consumption | 800mA (Max) |
| Dimensions (mm) | 125 x 95 x 30 |
| Weight (g) | 265 |



Rev. B