Atlona
HDTV Distributor up to 1080p/UXGA

AT-COMP18AD is a high performance and versatile distribution amplifier for delivering both HD and SD video signal with digital/analog audio to your multiple display units.

Operation Manual

Application

The AT-COMP18AD is capable of distributing video in 3 different formats and is ideal for use in any analog video entertainment or presentation distribution system.

Features
1. Supports both SD (composite, YCbCr) and HDTV (YPbPr) input signal.
2. Audio can be analog stereo (L/R) or digital coxial (S/PDIF)
3. Accepts one component input and splits it to 8 identical and buffered outputs without any loss.
4. When input is composite video, it can connect up to 3 different video sources and output 8 identical and buffered signal for each input source.
5. High bandwidth performance 650MHz at -3dB.
6. Ideal for presentation and home theater applications.

This package includes
- One AT-COMP18AD unit.
- One set of power supply
- One user manual
- One set of 2R to 2R male audio cable
- One set of 1R to 1R male video cable
- One set of 3 RCA male to 3 RCA male cable

Specifications
- Input:
  YUV(YPbPr/YCbCr) x 1 via 3 RCA connectors 1 Vp-p @ 75 ohm or
  Composite Video x 3 via RCA connectors 1 Vp-p @ 75 ohm
  S/PDIF (Digital format) x 1 via coaxial connectors 0.5Vp-p @ 75 ohm load
  Stereo L/R (Analog format) x 1 Via x2 RCA connectors
- Output:
  YUV(YPbPr/YCbCr) x 8 via 3RCA connecotrs 1 Vp-p@75 ohm
  Composite Video x 8 via RCA connectors 1 Vp-p @ 75 ohm
  S/PIDF (Digital format) x 8 via coaxial connectors 0.5Vp-p @75 ohm load
  Stereo L/R (Analog format) x 8 via 2 RCA connectors
- Bandwidth: 650MHz(-3dB)
- Differential gain: 0.05%
- Differential phase: 0.05 degree
- Power supply: 5V 1A center positive
- Unit weights: 2.88kgs
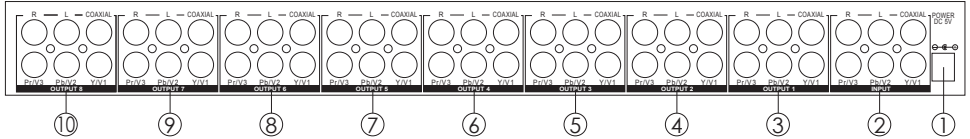- Dimensions: 437(W) x 170(D) x 47(H) mm

Operation Control

Front Panel

POWER

1080P/UXGA Compatible   1x8 HDTV Distribution Amplifier

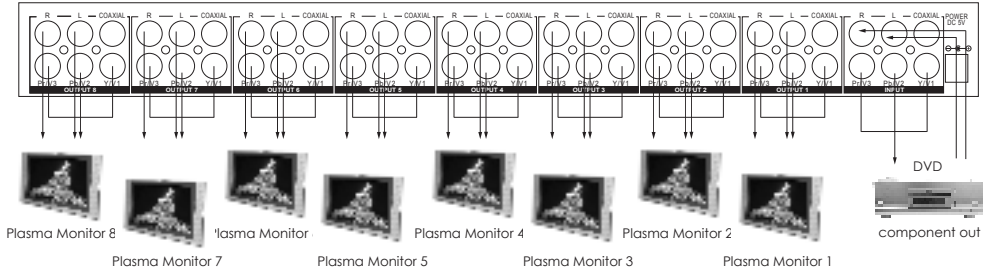**Power indicator:** Power indicator illuminates when power plugs in.

Rear Panel

1. DC power supply input.
2. Input: Inout connecor for YPbPr/YCbCr,(or Composite Video), L/R stereo analog Audio and digital coaxial audio.
3. Output 1: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
4. Output 2: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
5. Output 3: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
6. Output 4: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
7. Output 5: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
8. Output 6: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
9. Output 7: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
10. Output 8: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.

Connection and Installation

1. Works as a 1-in 8-out distribution amplifier for HD component source(YPbPr).

Plasma Monitor 8 Plasma Monitor Plasma Monitor 4 Plasma Monitor 2 DVD

Plasma Monitor 7 Plasma Monitor 5 Plasma Monitor 3 Plasma Monitor 1 component out

2. Works as three 1-in 8-out distribution Amps for video sources.

CV3 CV2 CV1	CV3 CV2 CV1	CV3 CV2 CV1	CV3 CV2 CV1	CV3 CV2 CV1	CV3 CV2 CV1	CV3 CV2 CV1	CV3 CV2 CV1
Output 8	Output 7	Output 6	Output 5	Output 4	Output 3	Output 2	Output 1

CV3 in CV1 in

CV2 in