

ARU-701(NTSC)/701P(PAL)

Aspect Ratio Converter Unit

- Simultaneously converts a 16:9 analog video input signal to both 16:9 and 4:3 digital video signals
- Wide range of analog outputs including both composite and component (either R/G/B or R-Y/Y/B-Y) in 16:9 or 4:3 format
- Selectable horizontal cut-off position for 16:9 to 4:3 aspect ratio conversion
- Switchable monitor output in R/G/B or VBS analog signal
- High quality aspect ratio conversion using digital processing

Supplied accessories

- AC power cord (1)
- Spare fuse (1)
- Camera number labels (1)
- Plug retainer (1)
- Operation manual (1)

Specifications

General

Power requirements: 100 to 120 VAC, 0.7 A maximum (ARU-701)
110 to 120 V/220 to 240 V, AC 0.7 A maximum (ARU-701P)

Operating temperature: +5 °C to +45 °C (+41 °F to +113 °F)

Storage temperature: -20 °C to +50 °C (-4 °F to +122 °F)

Mass: Approx. 6 kg (13 lb 3 oz)

Dimensions: 424(W) x 44(H) x 400(D) mm
(16 11/16 x 1 3/4 x 15 3/4 inches)

Input connectors

ANALOG IN:

R/R-Y: BNC type (1, switchable R/R-Y), 16:9 analog component signal
0.7 Vp-p, 75Ω

R: 0.7 Vp-p, 75Ω (ARU-701)/0.525 Vp-p, 75Ω (ARU-701P)

R-Y: BNC type (1, switchable G/Y), 16:9 analog component signal
0.7 Vp-p, 75Ω

G: 0.714 Vp-p, 75Ω (ARU-701)/0.7 Vp-p, 75Ω (ARU-701P)

Y: BNC type (1, switchable B/B-Y), 16:9 analog component signal
0.7 Vp-p, 75Ω

B/B-Y: 0.7 Vp-p, 75Ω (ARU-701)/0.525 Vp-p, 75Ω (ARU-701P)

B: BNC type (2, one as loop-through output)
Analog VBS or BB signal

B-Y: BNC type (2, one as loop-through output)
Analog VBS or BB signal

REFERENCE IN:

Output connectors

SERIAL DIGITAL OUTPUT:

16:9: BNC type (2, aspect ratio not selectable)
10 bit 4:2:2 component serial digital video signal,
270 Mbps

16:9/4:3: BNC type (2, aspect ratio selectable 16:9 or 4:3)
10 bit 4:2:2 component serial digital video signal,
270 Mbps

ANALOG OUT:

MONITOR: BNC type (1, aspect ratio selectable 16:9 or 4:3),
1.0 Vp-p, 75Ω

VBS: BNC type (1, aspect ratio selectable 16:9 or 4:3),
1.0 Vp-p, 75Ω

R/R-Y/VBS: BNC type (1, switchable R/R-Y/VBS)
16:9/4:3 analog component signal or analog
composite signal
0.7 Vp-p, 75Ω

R: 0.7 Vp-p, 75Ω (ARU-701)/0.525 Vp-p, 75Ω (ARU-701P)

R-Y: 1.0 Vp-p, 75Ω

VBS: BNC type (1, switchable G/Y/VBS), 16:9/4:3 analog
component signal or analog composite signal
0.7 Vp-p, 75Ω

G: 0.714 Vp-p, 75Ω (ARU-701)/0.7 Vp-p, 75Ω (ARU-701P)

Y: 1.0 Vp-p, 75Ω

VBS: BNC type (1, switchable B/B-Y/VBS), 16:9/4:3 analog
component signal or analog composite signal
0.7 Vp-p, 75Ω

B/B-Y/VBS: 0.7 Vp-p, 75Ω (ARU-701)/0.525 Vp-p, 75Ω (ARU-701P)

B: 1.0 Vp-p, 75Ω

B-Y: 0.7 Vp-p, 75Ω (ARU-701)/0.525 Vp-p, 75Ω (ARU-701P)

VBS: 1.0 Vp-p, 75Ω

Remote control connector

REMOTE: D-sub 15-pin (1, can control horizontal cut-off position
for aspect ratio conversion)



ARU-701P with front cover



ARU-701P front panel



ARU-701P rear panel