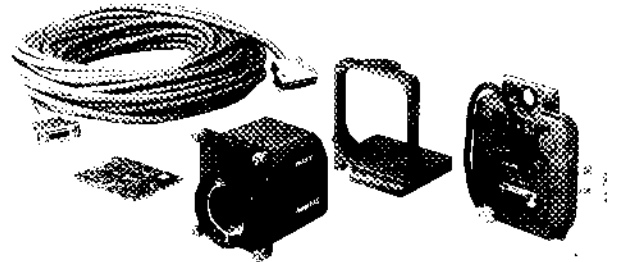
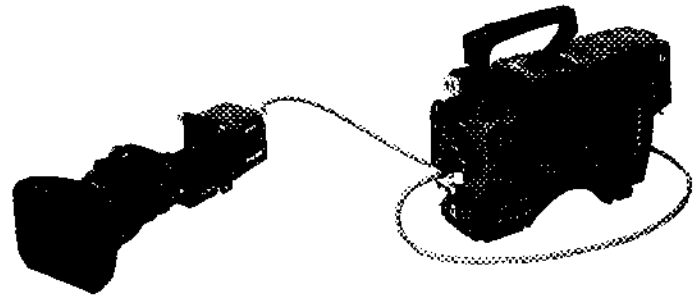


# OHB-T450WS (NTSC)/T450WSP (PAL)

# Power HAD

## 3-chip Telescopic CCD Unit

•Detachable optical head, to be used with the BVP-550/570 camera body •Can be operated 20 m away from the camera body •Furnished with a true 16:9 widescreen image format Power HAD 1000 IT CCD •Excellent signal-to-noise ratio of 63 dB (NTSC)/ 61dB (PAL) •High sensitivity of F8.0 at 2000 lx •High horizontal resolution of 680 TV lines •The combination of BVP-550 and OHB-T450WS/T450WSP has 16:9/4:3 switching capability as standard. •The combination of BVP-570 and OHB-455WS/455WSP outputs 16:9 signal only, so it requires BKP-5091 Conversion Board when 16:9/4:3 switching capability is needed.



- Supplied accessories:
- Cable adaptor (1)
  - Tripod adaptor (1)
  - 20 m extension cable (1)
  - Compensation board (1)
  - Operation manual (1)
  - Maintenance manual (1)
- Optional accessories:
- BVP-570/550, Camera head unit
  - CA-570/550/530, Camera adaptor
  - BVF-20W/20WCE, 2-inch B/W viewfinder
  - BVF-C10W, 1.35-inch color LCD viewfinder
  - BVF-10, 1.5-inch B/W viewfinder
  - BKP-5091, Widescreen conversion board (with BVP-570)

Downloaded from: [www.broadcast-trader.com.au](http://www.broadcast-trader.com.au)

	OHB-T450WS	OHB-T450WSP
<b>Pick-up Device System</b>		
Device configuration	3-chip 2/3-inch IT CCD (16:9/4:3 Switchable)	
Picture elements (total)	1038(H) x 504(V)	1038(H) x 504(V)
<b>Optical Specifications</b>		
Spectrum system	F1.4 prism system	
Built-in filter wheel		
Servo filter drive	No	
Color filter - A	No	
Color filter - B	No	
Color filter - C	No	
Color filter - D	No	
ND filter - 1	3200K	
ND filter - 2	5600K + 1/4 ND	
ND filter - 3	5600K	
ND filter - 4	5600K + 1/16 ND	
<b>Electrical Characteristics</b>		
Sensitivity	F8.0 at 2000 lx (3200K, 89.9% reflectance)	
Minimum subject illumination	1 lx (F1.4 lens, +36 dB gain up, DPR Mode)	
S/N ratio	63 dB (w BVP-550)/65 dB (w BVP-570)	61 dB (w BVP-550)/63 dB (w BVP-570)
Horizontal resolution	680 TV lines (luminance at center)	
Vertical resolution	450 TV lines (w EVS)	530 TV lines (w EVS)
Geometric distortion	Below measurable level (w/o lens)	
Shutter speed selection	1/100, 1/125, 1/250, 1/500, 1/1000, 1/2000 s	1/60, 1/125, 1/250, 1/500, 1/1000, 1/2000 s
Gain selection	-3dB, 0dB, +3dB, +6dB, +9dB, +12dB, +18dB, +24dB, +30dB	
Clear scan selection	60.1 - 7000 Hz	50.2 - 9000 Hz
Modulation depth (at 5MHz)	70%	70%
Power consumption	18 W (with BVP-550)	
<b>General</b>		
Operating temperature	-20 °C to +45 °C (-4 °F to +113 °F)	-20 °C to +45 °C (-4 °F to +113 °F)
Storage temperature	-20 °C to +50 °C (-4 °F to +122 °F)	-20 °C to +50 °C (-4 °F to +122 °F)