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Attached are a couple pages from the manual. Check them out for quality and to make sure you order what you are looking for.

To order, please go to:

[click here](#)

CCD-TR317/TR517 CCD-TRV17/TRV37/TRV47/TRV57/ TRV57P/TRV67/TRV87/TRV87P RMT-708

SERVICE MANUAL

Self Diagnosis
Supported model

Ver 1.4 2004. 05

Handycam
Handycam Vision™
video 8 **XR**
video Hi8
video Hi8 **XR**



B200 MECHANISM



Photo : CCD-TRV87

US Model
CCD-TR517/TRV37/TRV57/TRV67/TRV87
Canadian Model
CCD-TR517/TRV17/TRV37/TRV57/TRV87
E Model
CCD-TR317/TR517/TRV37/
TRV47/TRV57/TRV57P/
TRV67/TRV87/TRV87P
Hong Kong Model
Korea Model
CCD-TR317/TRV47/TRV57/
TRV67/TRV87
Brazilian Model
CCD-TR317/TR517/TRV37/TRV67
Argentina Model
CCD-TR517/TRV37/TRV67
Tourist Model
CCD-TRV47/TRV57/TRV67/TRV87

For MECHANISM ADJUSTMENT, refer to
the "8mm Video MECHANICAL
ADJUSTMENT MANUAL VII" (9-973-801-11).

SPECIFICATIONS

Video camera recorder

System

Video recording system

2 rotary heads
Helical scanning FM system

Audio recording system

Rotary heads, FM system
Video signal

NTSC color, EIA standards

Usable cassette

8mm video format cassette
CCD-TR317/TR517/TRV17/TRV37/
TRV47/TRV57/TRV57P: Standard 8
CCD-TRV67/TRV87/TRV87P:

Hi8 or standard 8

Recording/playback time (using 120 min. cassette)

SP mode: 2 hours

LP mode: 4 hours

Fastforward/rewind time (using 120 min. cassette)

Approx. 5 min.

Viewfinder

Electric viewfinder

CCD-TR317/TRV17/TRV37/TRV47/
TRV57/TRV57P/TRV67/TRV87/
TRV87P: monochrome

CCD-TR517: color

Image device

CCD-TR317/TR517/TRV17/
TRV37/TRV47: 1/6 inch CCD

(Charge Coupled Device)

CCD-TRV57/TRV57P/TRV67/
TRV87/TRV87P:

1/4 inch CCD (Charge Coupled Device)

1/4 inch CCD (Charge Coupled Device)

1/4 inch CCD (Charge Coupled Device)

1/4 inch CCD (Charge Coupled Device)

1/4 inch CCD (Charge Coupled Device)

1/4 inch CCD (Charge Coupled Device)

CCD-TR317/TR517/
TRV17/TRV37/TRV47:

Approx. 270,000 pixels

(Effective: Approx. 250,000 pixels)

CCD-TRV57/TRV57P/TRV67:

Approx. 320,000 pixels

(Effective: Approx. 200,000 pixels)

CCD-TRV87/TRV87P:

Approx. 470,000 pixels

(Effective: Approx. 300,000 pixels)

Lens

Combined power zoom lens

Filter diameter 1 7/16 in. (37 mm)

CCD-TRV17:

20× (Optical), 80× (Digital)

CCD-TR317/TR517/TRV37/TRV47:

20× (Optical), 200× (Digital)

CCD-TRV57/TRV57P/TRV67/
TRV87/TRV87P:

20× (Optical), 360× (Digital)

Focal length

5/32 - 2 7/8 in. (3.6 - 72 mm)

When converted to a 35 mm still camera

CCD-TR317/TR517/
TRV17/TRV37/TRV47:

2 - 40 6/8 in. (51.8 - 1036 mm)

CCD-TRV57/TRV57P/TRV67/
TRV87/TRV87P:

1 5/8 - 32 3/8 in. (41 - 820 mm)

Color temperature

Auto

Minimum illumination

CCD-TR317/TR517/
TRV17/TRV37/TRV47:

1 lux (F 1.4)

CCD-TRV57/TRV57P/TRV67:

0.4 lux (F 1.4)

CCD-TRV87/TRV87P:

0.6 lux (F 1.4)

0 lux (in the NightShot mode)*

* Objects unable to be seen due to the dark can be shot with infrared lighting.

0 lux (in the NightShot mode)*

* Objects unable to be seen due to the dark can be shot with infrared lighting.

Input/output connectors

5 video input (CCD-TRV87/TRV87P only)/ output (CCD-TRV67/TRV87/TRV87P only)

4-pin mini DIN

Luminance signal: 1 Vp-p,

75 ohms, unbalanced

Chrominance signal: 0.286 Vp-p,

75 ohms, unbalanced

Video input (CCD-TRV87/TRV87P only)/ output

Phono jack, 1 Vp-p, 75 ohms,

unbalanced

Audio input (CCD-TRV87/TRV87P only)/ output

CCD-TR317/TR517/TRV17/
TRV37/TRV47/TRV57/
TRV57P/TRV67:

Monaural, phone jack, 327 mV

CCD-TRV87/TRV87P:

Phono jacks (2: stereo L and R)

327 mV, (at output impedance

47 kilohms) impedance less than

2.2 kilohms

RFU DC OUT

Special minijack, DC 5V

Headphone jack (CCD-TRV87/TRV87P only)

Stereo minijack (ø 3.5 mm)

Earphone jack (CCD-TRV17/TRV37/TRV47/TRV57/TRV57P/TRV67 only)

Monaural minijack (ø 3.5 mm)

LANC control jack

Stereo mini-minijack (ø 2.5 mm)

MIC jack

CCD-TR317/TR517/TRV17/
TRV37/TRV47/TRV57/
TRV57P/TRV67:

Monaural minijack (ø 3.5 mm)

CCD-TRV87/TRV87P:

Stereo minijack (ø 3.5 mm)

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8 VIDEO CAMERA RECORDER

CCD-TR317/TR517/TRV17/TRV37/TRV47/TRV57/TRV57P

Hi8 VIDEO CAMERA RECORDER

CCD-TRV67/TRV87/TRV87P



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