

CCD-TRV89E/TRV95/TRV95E/TRV95PK/ TRV99/TRV99E RMT-708/717

SERVICE MANUAL



Photo : CCD-TRV99E
: RMT-717

Handycam Vision_™
video Hi8 XR
[B MECHANISM]

*US Model
Canadian Model*

CCD-TRV95/TRV99

E Model

CCD-TRV89E/TRV95/TRV95PK/TRV99E

AEP Model

UK Model

CCD-TRV95E

Hong Kong Model

CCD-TRV89E/TRV99E

Tourist Model

CCD-TRV89E/TRV95/TRV99E

Australian Model

Chinese Model

CCD-TRV89E/TRV99E

SPECIFICATIONS

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

Video camera recorder

System

Video recording system

CCD-TRV95/TRV99E/TRV99 : 4 rotary heads (SP/LP independent heads)

CCD-TRV95E/TRV95E/TRV99E : 2 rotary heads

Helical scanning FM system

Audio recording system

Rotary heads, FM system

Video signal

CCD-TRV95 (JUL, CNS)/TRV99 :

NTSC color, CCR standards

CCD-TRV95 (EL, RE)/TRV99PK :

NTSC color, EIA standards

CCD-TRV95E/TRV95E/TRV99E :

PAL color, CCR standards

Usable cassette

8mm video format cassette

Hi8 or standard 8

Recording / Playback time

CCD-TRV95/TRV99E/TRV99 :

recording : 4:20 min. (cassette)

SP mode : 2 hours

LP mode : 4 hours

CCD-TRV95E/TRV95E/TRV99E :

recording : 90 min. (cassette)

SP mode : 1 hour and 30 minutes

LP mode : 3 hours

Fastforward/rewind time

CCD-TRV95/TRV99E/TRV99 :

recording : 1:20 min. (cassette) / Approx. 3 min.

CCD-TRV95E/TRV95E/TRV99E :

recording : 90 min. (cassette) / Approx. 2 min.

Image device

CCD (Charge Coupled Device)

Viewfinder

Electronic viewfinder

CCD-TRV95E : Monocular

CCD-TRV95/TRV95E/TRV99PK/

TRV99E/TRV99E :

Color : 115,276 (320 x 288)

Lens

Coated multi-power zoom lens

Filter diameter : 57.06 mm (1.7 inch)

CCD-TRV95 (JUL/CNS)/TRV99E/

TRV99 :

18 x (Optical), 7.2 x (Digital)

CCD-TRV95E/TRV95E (EL, RE)/

TRV99PK/TRV99E :

18 x (Optical), 2.50 x (Digital)

Focal distance

3/56 - 6 in. (4.1 - 73.8 mm)

When converted to a 35 mm still

camera :

1/56 - 3.3 1/2 in. (17.2 - 85.0 mm)

Color temperature

Auto

Minimum illumination

0.7 lux (F 1.4)

0-lux (in NightShot mode)*

* Object available for the dark can be

shot with infrared lighting.

Illumination range

0.7 lux to 100,000 lux

Recommended illumination

More than 100 lux

LCD screen

Picture

4 inches measured diagonally

3.14 x 2.35 in. (79.7 x 59.7 mm)

On-screen display

TM 14,000/17 active matrix method

Total dot number

112,000 (879 x 256)

Input and output connectors

S video input/output

(CCD-TRV95E/TRV95/TRV95PK/

TRV99/TRV99E only)

4-pin mini DIN

Luminance signal

1 Vp-p, 75 ohms, unbalanced

Chrominance signal

CCD-TRV95/TRV99PK/TRV99 :

0.286 Vp-p, 75 ohms, unbalanced

CCD-TRV95E/TRV95E/TRV99E :

0.3 Vp-p, 75 ohms, unbalanced

Video input/output

(CCD-TRV95E/TRV95/TRV95PK/

TRV99/TRV99E only)

Phono jack, 1 Vp-p, 75 ohms, unbalanced

Audio input/output

(CCD-TRV95E/TRV95/TRV95PK/

TRV99/TRV99E only)

Phono jack, (2) stereo L and R, 527

mV, (at output impedance < 7 kOhms)

Impedance less than 2.2 kOhms

RFU DC OUT

Special mini-jack, IEC 9V

Headphone jack

Stereo mini-jack (at 3.5 mm)

LANC control jack

Stereo mini-mini-jack (at 2.5 mm)

MC jack

Mini jack, 6.38mm/V line impedance

with 2.5 to 3.0 V DC, output impedance

< 8 kOhms (at 3.5 mm) Stereo type

Speaker

Dynamic speaker

Intelligent accessory shoe

4-pin connector

General

Power requirements

7.2 V (battery pack)

8.4 V (AC power adapter)

— Continued on next page —

Hi8 VIDEO CAMERA RECORDER



SONY

Sony Ccd Trv238 Camcorders Owners Manual

J Ma



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Troubleshooting and Repairing Camcorders Homer L. Davidson,1996 A reliable technician level repair guide completely updated to account for recent developments **Canon VIXIA HF21** Canon USA Inc,2008 **Canon VIXIA HV40** Canon USA Inc,2009 **I-Camcorder** Robert Llewellyn,1995 **Canon VIXIA HFM50, HFM52, HFM500** Canon USA Inc,2012 Canon GL1 Kyanon Kabushiki Kaisha,1999 **Canon GL2** Canon USA Inc,2002 **Doug Jensen's Complete Guide to the Sony PXW-Z750 and PXW-Z450** Doug Jensen,2020-08-15 The Sony PXW Z750 450 camcorder is loaded with advanced features and options that can bewilder even the most seasoned professional In the no nonsense style for which Doug Jensen is known he cuts through the clutter of confusing misunderstood and undocumented features He explains each camera function and provides step by step instructions for how to use them With almost 400 pages of detailed information there isn t a single important topic not included Sony XR 7071 Service Manual Sony (Great Britain) Ltd,

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