

CCD-V600/V701

RMT-502

SERVICE MANUAL

U.S. Model
Canadian Model
 CCD-V701
E. Model
 CCD-V600



Remote commander
 RMT-502 is available as a
 unit, but as individual
 parts the battery case lid
 of commander is only
 available.

video Hi8 Handycam

U. MECHANISM

SPECIFICATIONS

System

Video recording system

Rotary two heads
 Helical scanning FM system

Audio recording system

Rotary head, FM system
 (2 channels)

Video signal

NTSC color, EIA standards

Usable cassette

8 mm video format cassettes

Tape speeds

SP mode: Approx. 1.43 cm/sec.
 (1.9/32 inch/sec.)
 LP mode: Approx. 0.72 cm/sec.
 (0.9/32 inch/sec.)

Recording time

(playback only)
 SP mode: 2 hours (66/P6-120)

Playback time

SP mode: 2 hours (66/P6-120)

Fastforward/reelnd time

LP mode: 4 hours (66/P6-120)

Fastforward/reelnd time

Approx. 7 min. (66/P6-120)

Image device

CCD (Charge Coupled Device)

Viewfinder

Electronic viewfinder

(Black and white)

Lens

Combined 8 × power zoom

lens

f = 8.5 to 68 mm,

F1.4 with macro

Filter diameter 46 mm

Auto focus system

Infrared autofocus

Color temperature

Auto,

MAN one push white balance,

3K-3,200 K

3K-5,600 K

Minimum illumination

3 lux (2/1.4)

Illumination range

3 lux to 100,000 lux

(0.3 to 9,294 footcandles)

Recommended illumination

More than 100 lux

(9.3 footcandle)

Shutter speed control

1/60 to 1/10000 (16 steps)

Exposure control

Auto/manual (21 steps and

CLOSE)

Input and output connector

Video input/output

Phono jack, 1 Vp-p, 75 ohms

unbalanced, sync negative

S video input/output

4-pin mini-DIN

Luminance signal: 1 Vp-p,

75 ohms, unbalanced, sync

negative

Chrominance signal: 0.286 Vp-p

75 ohms, unbalanced

Audio input

Phono jacks (2: stereo L and

R), -7.5 dBs

Input impedance more than

47 kilohms

Audio output

Phono jacks (2: stereo L and

R), -7.5 dBs at 47 kilohms

Input impedance

Impedance less than 1 kilohm

— continued on next page —



Hi8 VIDEO CAMERA RECORDER
SONY

Sony Ccd V600 V701 Camera Recorder Repair Manual

Chao Zhang



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