

# DSC-S70

## SERVICE MANUAL

Level 1



Ver. 1.2 2001.07



AEP Model  
UK Model

Cyber-shot



MEMORY STICK

### SPECIFICATIONS

#### System

##### Image device

1/1.8 type color CCD

##### Lens

3 $\times$  zoom lens

f = 7 – 21 mm

(34 – 102 mm when converted  
into a 35 mm still camera)

F = 2.0 – 2.5

##### Exposure control

Automatic exposure

##### White balance

Automatic, Indoor, Outdoor,  
Hold

##### Data system

Movies: MPEG1

Still: JPEG, GIF (in TEXT  
mode), TIFF

Audio with still image:

MPEG1 (Monaural)

##### Recording medium

"Memory Stick"

##### Flash

Recommended recording  
distance:

11 7/8 inches to 8 1/4 feet  
(0.3 m to 2.5 m)

##### Output connector A/V OUT (Monaural)

Minijack

Video: 1 Vp-p, 75  $\Omega$ ,  
unbalanced, sync negative

Audio: 327 mV (at a 47 k $\Omega$   
load)

Output impedance: 2.2 k $\Omega$

##### Digital I/O (USB)

Special minijack

##### External flash jack

Minijack

##### LCD screen

##### Used LCD panel

2 type TFT (Thin Film  
Transistor active matrix) drive

##### Total number of dots

123 200 (360 $\times$ 220) dots

##### General

##### Used battery pack

NP-FM50

##### Power requirements

7.2 V

##### Power consumption (during recording)

3.9 W

##### Operation temperature

32°F to 104°F

(0°C to 40°C)

##### Storage temperature

–4°F to +140°F

(–20°C to +60°C)

##### Maximum dimensions

4 5/8 $\times$ 2 7/8 $\times$ 2 5/8 inches

(117 $\times$ 71 $\times$ 64 mm) (w/fb/d)

##### Mass

Approx. 15 oz (423 g)

(including battery pack NP-  
FM50, "Memory Stick,"  
shoulder strap and lens cap  
etc.)

##### Built-in microphone

Electret condenser microphone

##### Built-in speaker

Dynamic speaker

##### AC-L10 AC power

##### adaptor

##### Power requirements

100 to 240 V AC, 50/60 Hz

##### Rated output voltage

DC 8.4 V, 1.5 A in operating  
mode

##### Operation temperature

32°F to 104°F (0°C to 40°C)

##### Storage temperature

–4°F to +140°F

(–20°C to +60°C)

##### Maximum dimensions

5 $\times$ 1 9/16 $\times$ 2 1/2 inches

(125 $\times$ 39 $\times$ 62 mm) (w/fb/d)

##### Mass

Approx. 10 oz (280 g)

##### NP-FM50 battery pack

##### Used battery

Lithium ion battery

##### Maximum voltage

DC 8.4 V

##### Nominal voltage

DC 7.2 V

##### Capacity

8.5 Wh (3 180 mAh)

Design and specifications are  
subject to change without  
notice.

DIGITAL STILL CAMERA

SONY®

# Sony Cyber Shot Dsc S70 Service Repair Manual

**Jeremy Churchill**



## **Sony Cyber Shot Dsc S70 Service Repair Manual:**

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