

The HR-1 Recorder

A new state of the art in light,
portable video tape recorders

Achieves virtual 1-inch quality
from VHS cassettes

Adapts perfectly to your cameras
with composite video output



Have It Your Way...With HAWKEYE

RCA

Specifications

General

Recording Format	RCA ChromaTrak	
Recording Time	20 minutes (250m VHS videocassette)	
Tape Speed	0.2m/sec (8ips) .18m/sec (625 Line)	
Writing Speed	5.7m/sec (225ips) 4.7m/sec (625 Line)	
Video Performance	525 Line	625 Line
Bandwidth:		
Luminance	3.8 MHz	3.8 MHz
Chrominance	1.0 MHz	1.0 MHz
Signal-to-Noise:		
Luminance	48 dB	47 dB
Chrominance	50 dB	49 dB
Differential Gain	5%	
Differential Phase	5°	
K-Factor (2T Sin ² Pulse)	2%	
Chrominance-Luminance Delay	30 nsec	

Color Standards

Types available for NTSC, PAL-B, PAL-M, SECAM-IIIIB

Audio Performance (Channels 1 & 2)

Frequency Response	50-15,000 kHz ±3 dB
Signal-to-Noise (3% Distortion @ 1 kHz)	50 dB
Wow and Flutter (NAB unweighted)	0.2% rms
Crosstalk	Better than -40 dB

Environmental

Temperature	0-40°C
Humidity	10% to 85% (non-condensing)

Physical Dimensions HR-1

Height	9.2" (234mm)
Width	4.6" (117mm)
Depth	9.0" (229mm)
Weight	9 lbs (4.1 kg)

Power Inputs

Voltage	12 VDC (nom.)
Power	12 W (nom.)

Total HAWKEYE family flexibility



HC-1 Camera

The HR-1 Recorder

HE-1 Edit Controller

HR-2 Studio VTR

HC-1 plus HR-1 equals
HAWKEYE HCR-1

Total RCA support

From Tech Alert's round-the-clock, round-the-globe information service, to fast parts delivery, to technical assistance on-the-spot, RCA's reputation for support is almost legendary.

When you acquire RCA products you can rest assured that a major corporation with decades of experience stands behind every item. It's a good feeling to have, and another good reason to select the HR-1 recorder for your needs — today and tomorrow.