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
Specifications

**General**
- Recording Format: RCA ChromaTrak
- Recording Time: 20 minutes (250m VHS videocassette)
- Tape Speed: 0.2m/sec (8ips), 1.8m/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
  - Chrominance: 1.0 MHz
- Signal-to-Noise:
  - Luminance: 48 dB
  - Chrominance: 50 dB
- Differential Gain: 5%
- Differential Phase: 5°
- K-Factor (2T Sin^2Pulse): 2%
- Chrominance-Luminance Delay: 30 nsec

**Color Standards**
- Types available for NTSC, PAL-B, PAL-M, SECAM-11B

**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)

<table>
<thead>
<tr>
<th>Physical Dimensions</th>
<th>HR-1</th>
<th>Power Inputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>9.2&quot; (234mm)</td>
<td>Voltage</td>
</tr>
<tr>
<td>Width</td>
<td>4.6&quot; (117mm)</td>
<td>Power</td>
</tr>
<tr>
<td>Depth</td>
<td>9.0&quot; (229mm)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>9 lbs (4.1 kg)</td>
<td></td>
</tr>
</tbody>
</table>

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.