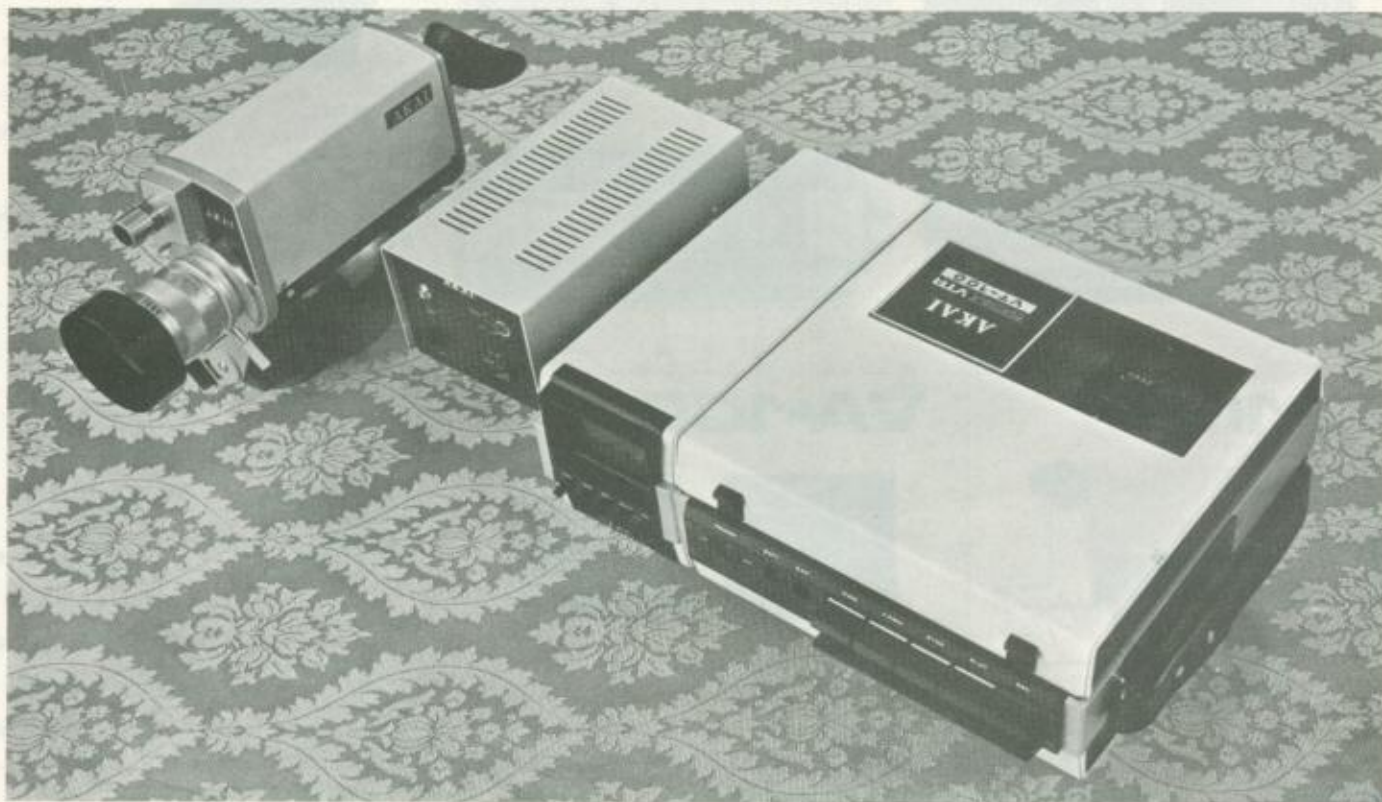


THE ONLY 1/4-INCH TAPE PORTABLE VIDEO RECORDING SYSTEM

VT-100

PORTABLE VIDEO TAPE RECORDER



DISTINCTIVELY DESIGNED FOR EASY MANEUVERABILITY AND SUPERIOR PERFORMANCE

HIGH CAPACITY SYSTEM

The VT-100 is equipped with automatic video and audio recording devices for perfect recording. The VC-100 camera employs an automatic sensitivity control circuit.

SIMPLE OPERATION

Just face your subject, focus, and press the Video Camera Start Button.

HEAD CLEANING NOT NECESSARY

The VT-100 is equipped with a dust free Crystal Ferrite Head. Troublesome head cleaning is completely eliminated.

WIDE AND VARIABLE USAGE

One of the extraordinary features of the VT-100 is its amazing versatility. Gather research data on all kinds of sports, capture real adventure, preserve memories of your exciting vacation trip, record priceless chronicles of your children growing up, use for important reports or for new sales strategy. Play an active part in these and many more fields with AKAI's V.T.R. Superior Performer. Apply to your own personal interests and use and you will be amazed at the results.

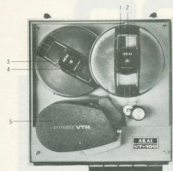


AKAI

AKAI AMERICA, LTD.

2139 E. DEL AMO BLVD. COMPTON, CALIF. 90220 (213) 537-3880

VT-100

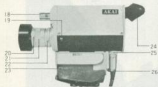


VM-100



- 1 Reel Retainer
- 2 Take-Up Reel
- 3 Supply Reel Table Shaft
- 4 Reel Retainer
- 5 Video Head Assembly
- 6 Power Switch
- 7 Battery Voltage Indicator
- 8 Earphone Jack
- 9 Rewind Key
- 10 Fast Forward Key
- 11 Stop Key
- 12 Play Key
- 13 Recording Safety Lever
- 14 Recording Key
- 15 Camera Connection Jack
- 16 Microphone Jack
- 17 AC Adapter Connection Jack
- 18 Microphone
- 19 Aperture (5.6 and 1.8) Selector Switch
- 20 Lens
- 21 Focus
- 22 Zoom Lever
- 23 Hand Grip
- 24 View Finder
- 25 Camera Connection Terminal
- 26 Recording Start Button
- 27 AC Power Switch
- 28 AC Power Indicator Lamp
- 29 DC/Charge Selector Switch
- 30 Battery Charge Indicator
- 31 Voltage Selector
- 32 Fuse
- 33 AC Cord
- 34 DC Output Jack
- 35 Video Monitor Screen
- 36 VT-100 Connection Plug
- 37 Volume Control and Power Switch Knob
- 38 Contrast Control Knob
- 39 Brightness Control Knob
- 40 Horizontal Hold Knob
- 41 Vertical Hold Knob
- 42 Speaker

VC-100



VA-100



SPECIFICATIONS

VT-100 PORTABLE VTR SPECIFICATIONS

TV Signal	Standard U.S. Signal (For receiving signals from VC-100 only)
Recording System	Twin Rotating Heads helical scan format
Recording Time	20 minutes using a 1200 ft. tape
Tape Speed	1 1/4 inches per second
Tape Width	1/4 inch tape
Resolution	200 lines
Video Signal S/N	
Ratio	Better than 40 dB
Video Input	1.4 volts p-p
Audio Input (external microphone)	-65 dB @ 6000 Hz
Audio Band width	100 - 10,000 Hz
Sound Monitor System at Recording Time	by earphone (more than 600 Hz)
Fast Forward/Rewind	
Time	5 minutes using a 1200 ft. tape
Power Source	DC 12 V
Batteries	Two rechargeable Batteries (6 V each) (Zomem Shine 3G x 3/u)
Battery Using Time	40 minutes continuous recording operation using VT-100, VC-100 and VM-100
Battery Recharge Time	8 hours with AC adapter (external power source)
Dimensions	10"(W) x 10.3"(D) x 4.4"(H) (255(W) x 263(D) x 112(H) mm)
Weight	10.1 lbs. (4.6 kg) (VTR only)

VC-100 PORTABLE VIDEO CAMERA SPECIFICATIONS

Vidicon	2/3" Separate Mesh Vidicon Tube
Scanning System	External System (supplied from VT-100)
Horizontal Resolution	More than 400 lines
Horizontal Frequency	15.75 KHz

*In place of the VM-100 (3" Monitor), AKAI's VM-12 (12" Monitor) can also be easily connected with this VTR portable.

Vertical Frequency	60 Hz
Video Signal S/N	
Ratio	Better than 40 dB
Video Output	1.4 volts p-p composite signal
Aperture Selector	F 1.8 and F 5.6 (changeable) with automatic Light Compensator System
Lens	Zoom Lens 10 - 40 mm F 1.8
View Finder	One-eye reflex system
Power Source	DC 9 V (supplied from VT-100)
Microphone	600Ω uni-directional built-in microphone
Dimensions	7.3"(D) x 3"(W) x 4.4"(H) (187(D) x 75(W) x 112(H) mm) (body only)
Weight	4.1 lbs. (1.9 kg) including grip

VM-100 PORTABLE VIDEO MONITOR SPECIFICATIONS

Picture Tube	3"
Video Input	1.4 volts p-p (negative sync)
Audio Input	-20 dB 5 KΩ
Speaker	3" x 1.7" (75 x 44 mm)
Maximum Audio Output	120 mV
Power Consumption	3.5 W
Power Source	12 V (supplied from recorder VT-100)
Dimensions	3.8"(W) x 10.3"(D) x 4.4"(H) (98(W) x 263(D) x 112(H) mm)
Weight	3.7 lbs. (1.69 kg)

VA-100 ADAPTER SPECIFICATIONS

Voltage	12V
Selector Switch	DC Output/Battery Charge & DC/Battery Charge
Battery Charging Time	8 hours
Dimensions	3.6"(H) x 4.3"(W) x 7.8"(D) (92(H) x 111(W) x 200(D) mm)
Weight	5.9 lbs. (2.7 kg)

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COMPTON, CALIF. 90220

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