

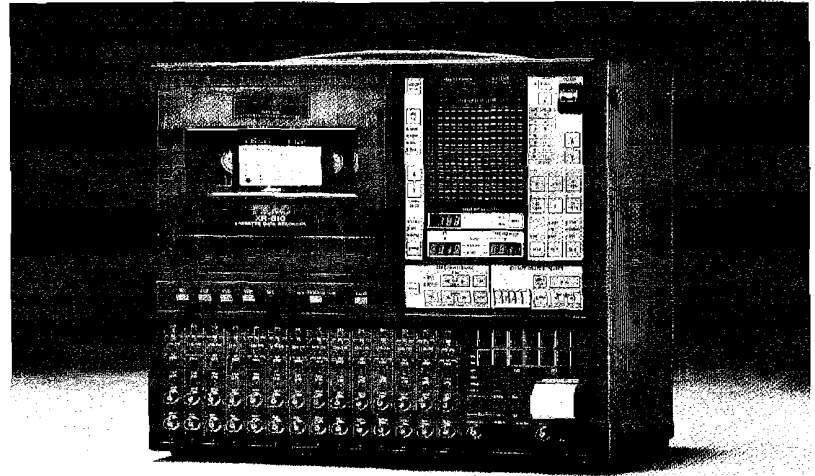
Videocassette Data Recorders



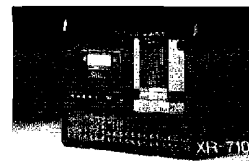
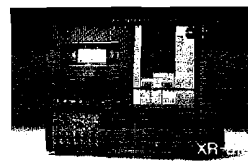
7ch **XR-310**
 14ch **XR-510**
 21ch **XR-710**

Automatic Program Loading for Complete Freedom from the Need to Set Conditions

- Auto program loading automates the setting of parameters, conveniently eliminating all the preliminaries to recording.
- AUTO ZERO function performs input and output signal zero-setting automatically.
- AUTO RANGE function sets the input ranges according to the maximum values of the signals automatically.
- Optional controller gives 7 additional control functions, 8 for the XR-710.
- Both ID code and tape-counter search functions are provided.
- 4-Digit ID and tape-counter search settings can both be recorded.
- Optional internal GPIB board available.



XR-510



OPTIONS AND ACCESSORIES

T-120HGX	VHS Videocassette Tape
AR-503	GPIB Interface Board
EC-100	Extra Controller (XR-310/510)
EC-101	Extra Controller (XR-710)
AR-143	FM Amplifier Unit (XR-310/510/710)
AR-142	DR Amplifier Unit (XR-310/510)
AR-181FV	Frequency to Voltage Input FM Amplifier Unit (XR-310/510/710)
AR-181ST	Strain Gauge Input FM Amplifier Unit (XR-310/510/710)
AR-181TC	Thermocouple Input FM Amplifier Unit (XR-310/510/710)
AR-230	Differential FM Amplifier Unit
AR-231	Isolation FM Amplifier Unit
ER-86	Remote Control Unit
MC-30	Lavalier Microphone
TZ-84	H Mount Adaptor (XR-310/510)
TZ-86	H Mount Adaptor (XR-710)
TZ-83	Rack Mount Adaptor (XR-310/510)
TZ-85	Rack Mount Adaptor (XR-710)
CS-396	Trunk Case (XR-310/510)
CS-398	Trunk Case (XR-710)
TZ-350H	Cleaning Kit
TZ-90	Event Unit
E-3	Head Demagnetizer
CH-M5A	Bulk Tape Eraser (210-250V AC)
CH-M5C	Bulk Tape Eraser (108-132V AC)
CL-205B	BNC-Clip Cable (1.5m)
CL-407	BNC-BNC Cable (1.5m)
CL-405PL	BNC-BNC Cable (7colors/set, 1.5m)
CL-405WS	BNC-BNC Cable (7colors with white spiral/set, 1.5m)
CL-405BS	BNC-BNC Cable (7colors with black spiral/set, 1.5m)
408JE-102	GPIB Cable (2.0m)

SPECIFICATIONS

	XR-310	XR-510	XR-710
Number of Channels	7+1	14+1	21+1
Record/Reproduce System	FM (Wide Band Group-1) DR (option)		FM (Wide Band Group-1)
Tape	VHS Videocassette Tape MAXELL T-120HGX recommended		
Tape Speed	76.2 cm/s (30 in/s) DC-20,000Hz 50dB (5min) 38.1 cm/s (15 in/s) DC-10,000Hz 50dB (10min) 19.05cm/s (7 1/2 in/s) DC- 5,000Hz 50dB (21min)		
Frequency Response	9.52cm/s (3 3/4 in/s) DC- 2,500Hz 48dB (43min)		
SN Ratio	4.76cm/s (1 7/8 in/s) DC- 1,250Hz 47dB (1h26min)		
Record/Reproduce Time (approx.)	2.38cm/s (15/16in/s) DC- 625Hz 46dB (2h52min) 1.19cm/s (15/32in/s) DC- 313Hz 42dB (5h44min)		
	*For Wide Band Group-1 Specifications.		
Input	±0.1, 0.2, 0.5, 1, 2.5, 10 Vp (1MΩ)		
Output	+1-5 Vp (100kΩ load) ±10mA (20Ω load)		
Power Supply	90-130 or 190-250V AC 11-30V DC		
Power Consumption (at 12V DC) approx.	7A	8A	10A
Dimensions (W×H×D)	420×365×260 (mm) [16 9/16×14 3/8×10 1/4 (inch)]		448×386×261 (mm) [17 3/8×15 3/16×10 1/4 (inch)]
Weight	21kg (46.3 lbs.)	22kg (48.5 lbs.)	26kg (57.3 lbs.)