

Panasonic

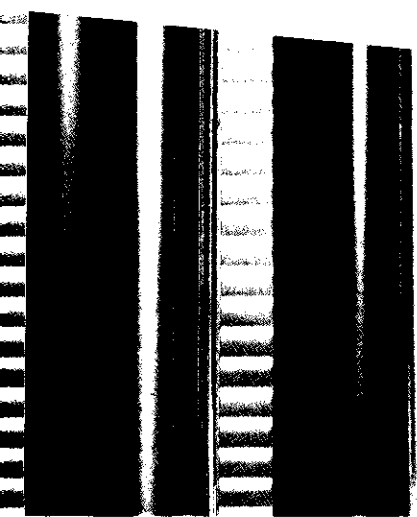
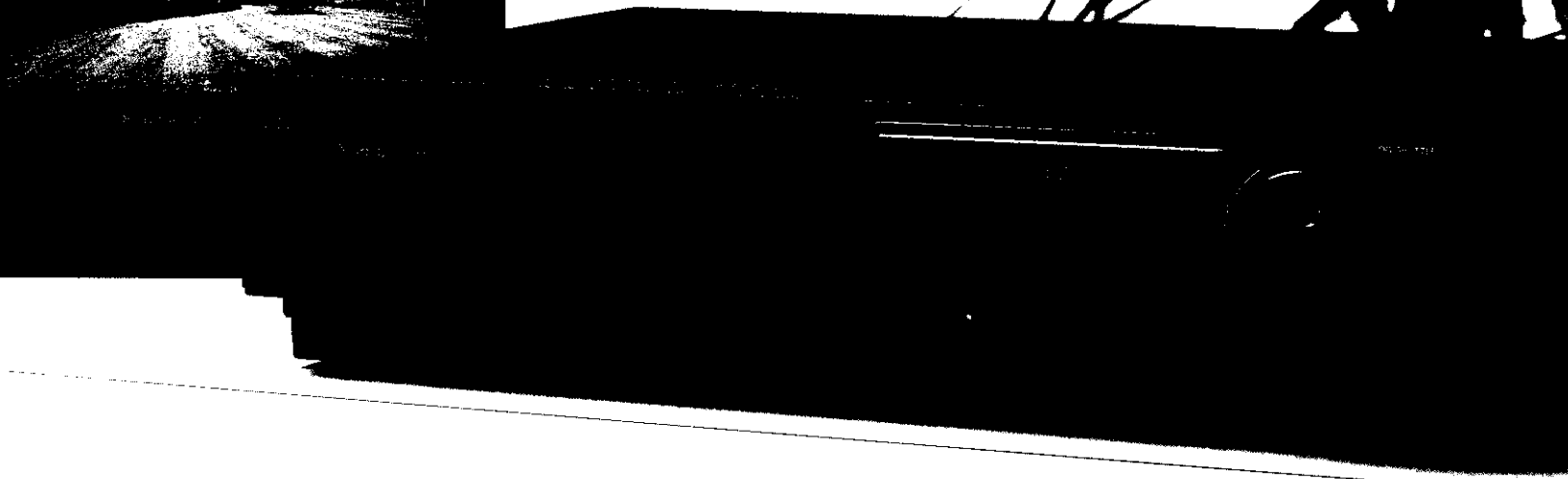
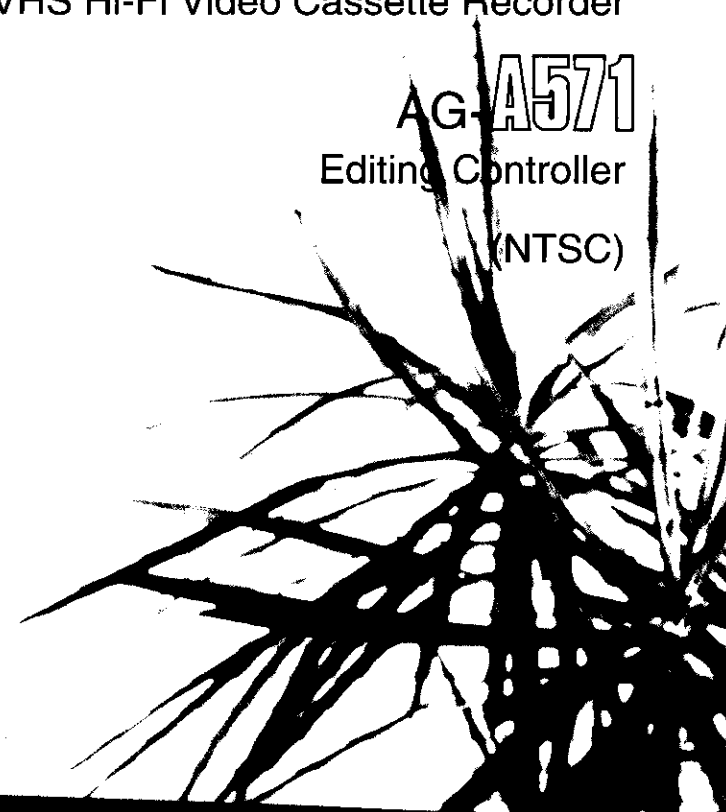
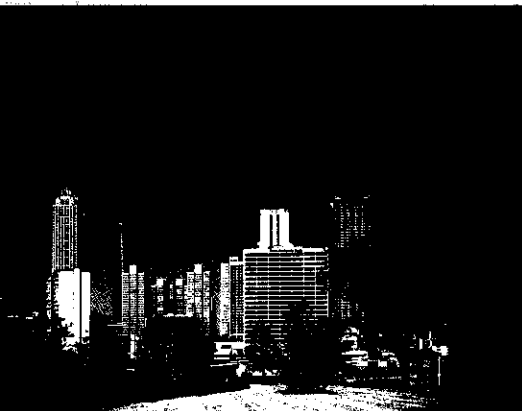
AG-5710

S-VHS Hi-Fi Video Cassette Recorder

AG-A571

Editing Controller

(NTSC)



S-VHS Desktop Editor with RS-232C Interface Allows Easy Editing of S-VHS Video and DVCPRO Data



Panasonic introduces a quick and easy way to edit video programming — the AG-5710 S-VHS Desktop Editor. This compact, lightweight multi-functional system lets you handle S-VHS editing right at your desk, and even allows you to edit DVCPRO digital data into S-VHS video.

Equipped with a standard RS-232C (25-pin) interface, the AG-5710 can easily be configured, using the AG-A571 Editing Controller (optional), for assemble editing, insert editing, and the addition of narration or other audio tracks. Digital Y/C separation enables the use of digital TBC and DNR, yielding superb picture quality in all edited results.

Built-in RS-232C Interface

The built-in RS-232C interface (25-pin) lets you control the recording, playback and editing functions of the AG-5710 with a personal computer. This gives you command of such functions as power on/off, stop, record, play, variable (forward/reverse) slow and variable cue/review.

High S-VHS Picture Quality in both 2H/6H Modes

Thanks to the AG-5710's digital signal processing, Digital TBC (Field) and Digital Noise Reduction (DNR) by 3D Digital Y/C Separation bring you superb picture quality in editing with the flying erase head. Eliminating jitter and distortion, superior picture results can be enjoyed even after successive generations.

Flying Erase Head Simplifies Insert and Assemble Editing

Mounted directly on the head cylinder, the Flying Erase Head precisely compares and aligns video signals from previously recorded programming and material to be recorded. Thus aligned, it begins any new recording at the proper location to ensure smooth, clean, seamless transitions between edited scenes.

Independent Linear Audio In/Out Terminals

The system is equipped with dedicated in/out terminals to simplify editing and playback of linear audio signals. It also provides Hi-Fi/linear audio input terminals, with a Hi-Fi/linear mixing switch and a Hi-Fi recording on/off switch.

Jog/Shuttle Dial

The Jog/Shuttle Dial offers easy control of playback speed, and provides a smooth, fast search for editing points. The Shuttle Ring varies playback speed from slow motion to high-speed search, and the Jog Dial allows frame-by-frame picture control in forward and reverse.

Auto Repeat

Auto Repeat allows you to automatically replay the tape, cued from either the end of the tape or from the end of a selected scene. This allows the AG-5710 to run unattended, providing continuing visual information services.

Sensor Recording

To record a video source of unspecified length, simply switch to Sensor Recording. After automatic detection of the video signal (composite signal), power is switched on, and the recording begins. When the signal ends, the recording automatically stops, and power is switched off.

Mode Lock Function

The Mode Lock function prevents misoperation during recording and playback.

16:9 Wide Aspect Compatibility

Compatible with 16:9 Wide Aspect System, the AG-5710 is fully equipped for the next generation of TVs.

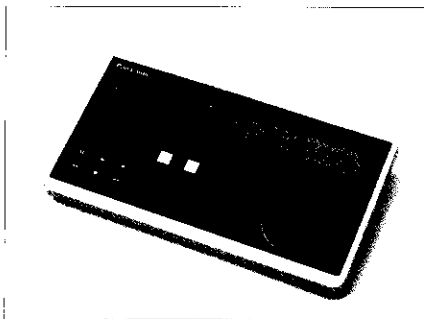
Optional Wired Remote Control (AG-A11)

AG-A11 connects easily to the remote jack on the rear panel and provides easy access to recording and playback functions. (PLAY/FF/REW/REC/STILL/STOP functions are operable)

Additional Key Features

- Enforced B/W/Color Switch
- Remaining Tape Indication Switch
- Picture Volume
- Hi-Fi/Linear Mix Switch
- Timer Function
- S-VHS Amorphous Video Heads

AG-A571 Editing Controller



Edit Control via RS-232C

Two AG-5710 units connected by the RS-232C terminals on the rear panel can each be used as a player or a recorder. This enables easy single-event editing using the control track signal (CTL).

Simple, Intuitive "Mark-in" and "Mark-out" Controls

"Mark-in" and "Mark-out" buttons make it easy to set the start and end points for editing, while viewing tape playback. Then simply press the "Start Edit" button to begin the editing operation.

Assemble/Insert Editing

The AG-A571 makes it easy to assemble or insert video content, or to add narration or other audio tracks. And with ± 3 -frame precision (typical value for 2H mode), it lets you create video programs of exceptionally high quality.

DVCPRO Compatibility

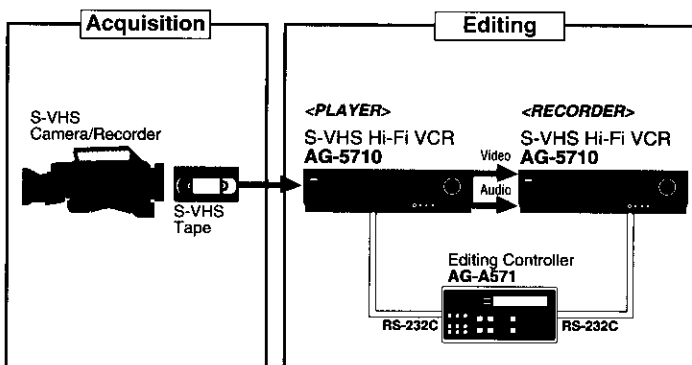
The AJ-D230H DVCPRO VCR can be used as the player, enabling the use of DVCPRO digital data in your S-VHS video editing.

Jog/Shuttle Search

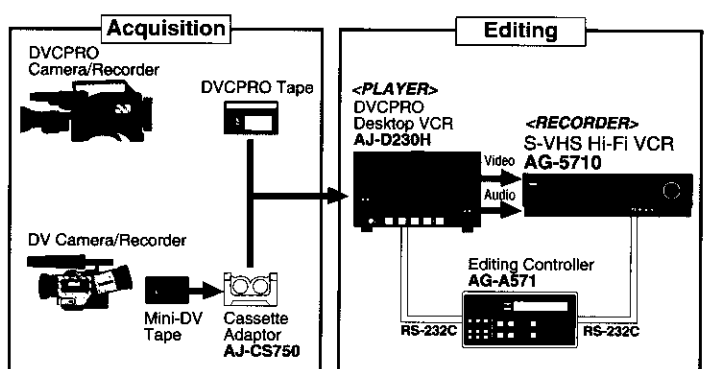
The Jog and Shuttle dial gives you all the control you need for locating edit points quickly and easily.

System Chart

S-VHS Editing System



DVCPRO → S-VHS Editing System



Specifications

AG-5710

GENERAL

Power Source: 120V AC, 50/60 Hz
Power Consumption: 29W
Operating Temperature: 5°C ~ 40°C (41°F ~ 104°F)
Operating Humidity: 30% ~ 80%
Dimensions (W × H × D): 430 × 110 × 380 mm (16¹⁵/₁₆" × 4³/₈" × 14¹⁵/₁₆")
Weight: 6.4 kg (14¹/₁₆ lbs.)

SYSTEM

Television System: EIA Standard NTSC color signal, 525 lines, 60 fields
Video Recording System: Two rotary heads, helical scanning system
Modulation System: Luminance: FM azimuth recording
 Color signal: Converted subcarrier phase shift recording
Audio Track: 2 tracks (Hi-Fi Audio), 1 track (Linear)

TAPE TRANSPORT

Tape Format: S-VHS/VHS tape
Tape Speed: 2H: 1⁵/₁₆ ips. (33.35 mm/s)
 6H: 7¹/₁₆ ips. (11.12 mm/s)
Recording Time: 120 min. (2 hrs.) with T-120
FF/REW Time: Within 3.0 min. with T-120

VIDEO

Input: S-Video In (4-pin × 1): Y: 1.0Vp-p, 75Ω unbalanced, C: 0.286Vp-p, 75Ω unbalanced (Burst)
 Video In (BNC × 1): 1.0Vp-p, 75Ω unbalanced
Output: S-Video Out (4-pin × 1): Y: 1.0Vp-p, 75Ω unbalanced, C: 0.286Vp-p, 75Ω unbalanced (Burst)
 Video Out (BNC × 1): 1.0Vp-p, 75Ω unbalanced
Horizontal Resolution: S-VHS: more than 400 lines (monochrome/color)
 VHS: more than 240 lines (monochrome/color)
Signal-to-Noise Ratio: S-VHS: 47dB (color), VHS: 44dB (color)

AUDIO

Input: Line (RCA × 3): -10dBv, 47kΩ (Hi-Fi × 2, Linear × 1)
 Mic In (M3): -70dBv, 4700Ω
Output: Line (RCA × 3): -8dBv, 1kΩ (Hi-Fi × 2, Linear × 1)
 Monitor (RCA × 1): -8dBv, 1kΩ
 Headphone Jack: -60dBv ~ -30dBv, 8Ω
Audio Frequency Response: 20Hz ~ 20kHz (Hi-Fi)
 50Hz ~ 10kHz (Linear)
Dynamic Range: 90dB (Hi-Fi Audio)

OTHERS

Terminals: RS-232C (25-pin) × 1, Analog Remote × 1

AG-A571

GENERAL

Power Source: DC 7V, 140mA
Dimensions (W × H × D): 250 × 45 × 133 mm (9¹³/₁₆" × 1³/₄" × 5¹/₄")
Weight: 1.1 kg (2.4 lbs.)

EDITING SYSTEM

VCR Controls: PLAY, REC, STOP, REW, FF, PAUSE/STILL, COUNTER RESET, EJECT

Editing Controls: EDIT START, EDIT STOP, MARK IN, MARK OUT, PLAYER, RECORDER

Editing Modes: ASSEMBLE, VIDEO INSERT, AUDIO INSERT

Editing Reference Signal: CTL (control signal)

Counter Display: HOUR; MINUTE; SECOND

CONNECTORS

To VCR: RS-232C (25-pin) × 2
Connectable VCRs: for record: AG-5710, AG-5700
 for playback: AG-5710, AG-5700, AJ-D230H

STANDARD ACCESSORY

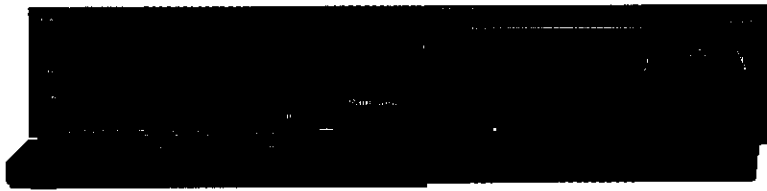
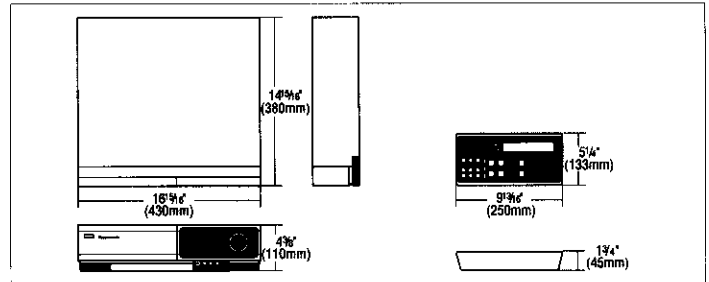
AC Adaptor: 120V AC, 60Hz

Warning:

Unauthorized recording of copyrighted television programs, films, video tapes and other materials may infringe upon the rights of copyright owners and be contrary to copyright laws.

Weight and dimensions shown are approximate. Specifications subject to change without notice. This product may be subject to export control regulations.

Dimensions



Front View



Rear View

Panasonic

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