

GY-HM790E HD Camcorder with Best-in-Class Performance for All Professionals

Modular HD camera with solid state recording capability



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Description

The GY-HM790E is a modular HD camera with solid state recording capability as well as studio functionality. It was developed to address the needs of modern broadcast and production facilities offering the highest level of HD picture quality in both 1080i and 720p formats. Whether used on the shoulder for electronic newsgathering, field production, or as a primary studio camera, the GY-HM790E is everything that a broadcast camera should be.

Main features

GENERAL

- Patented 3-CCD optical system provides full HD resolution images
- 4:2:2 processing
- Built-in Genlock
- 1080i / 720p / 480i multiscan
- Industry standard bayonet lens mount
JVC offers a wide range of lenses and accessories
- HDSDI output
Can also provide down converted SDI output live or playback.
- Patented Focus Assist function
- Extensive image customization modes (gamma, matrix, knee, detail, etc.)

ENG / FIELD PRODUCTION

- Compact Shoulder form factor
- Records to dual hot swappable SDHC memory cards
- Professional recording with selectable data rates up to 35Mbps
- 1920 x 1080 (1080p24/p25/p30, 1080i60/i50)
- 1280 x 720P (p60/p50/p30/p25/p24)
- SD recording capability (DV data format)
- Native file recording world's fastest shoot-to-edit workflow.
- Native Final Cut Pro format
- Edit immediately without conversion or transcoding
- .MP4 file format
Compatible with most popular editing systems
- Pool feed input (analog SD)
- Time code IN/OUT
- High resolution (1.22 million pixel) Liquid Crystal on Silicon (LCOS) viewfinder
- Large (4.3-inch) flip-out LCD monitor
- Pre Rec (retro cache up to 20 seconds) function prevents "missed shots"
- Variable frame rate recording (over crank, under crank)
- Built-in clip viewer and management system
- Uncompressed LPCM audio (2ch) recording
- Manual level controls with audio meter
- XLR inputs with phantom power
- Optional ASI output module

STUDIO OPTIONS

- Sturdy, sleek studio housing (sled)
- Large lens support
- High resolution 8.4-inch Studio Viewfinder
- 26-pin Multicore Module

- Fully featured multicore CCU
- Local Remote Panel (shader)
- Fiber Remote Module
- Wide range of lenses and lens accessories

Additional features

Technical specs

Accessories

Brochures and manuals

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[Brochure GY-HM790](#)

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[Instruction manual \(from the JVC Professional Europe Service Information System\)](#)

Links

Miscellaneous