



PlayMaker

Capture the action



Stay on top of every sports highlight or breaking news story and turn around content ultra-fast. Designed to meet the challenges of today's most stressful studio and remote productions, PlayMaker™ is a versatile ingest/payout solution that makes it easy to create slow-motion replays, highlight reels, and news updates instantly.

Key highlights

- Ingest up to eight channels of high-quality HD-SDI video, with fully flexible I/O
- Tag, sort, find, and manage media easily with the SmartEvents engine
- Instantly edit highlights with the built-in editing tools
- Take full control of all video playback with the PlayMaker Controller
- Share video clips across multiple PlayMaker systems on your network
- Get a complete file-based workflow, with all export and import transfer intelligence built into the server
- Create super slow motion clips with support for high frame rate cameras
- Share PlayMaker-ingested material across your entire Interplay | Production environment
- Create visually compelling content quickly with the unique FlexFX feature

Give audiences the shots they want

When it comes to covering live sports or news, viewers have high expectations. You've got to turn around footage of the big plays or stories fast if you want to keep them engaged. With PlayMaker, you can turn captured media feeds into exciting sports replays or news stories instantly. Quickly edit together compelling playlists to present pregame teasers, game highlights, postgame wrap-ups, or different angles to tell the best story.

Command your entire operation with ease

PlayMaker makes it easy to share clips across multiple systems on your network. With a simple tap on the controller's user-friendly touchscreen, you can browse through any local or remote system's clip list and select a clip for preview, copy, or instant playback.

Keep media sources up and running

With the ability to continuously ingest multiple feeds, you'll always have the footage you need to present different angles of a key play or a breaking news story the second it happens. You can set PlayMaker to Cyclic (loop-record) mode, with each clipped item automatically protected, or segment your recordings into discrete and easy-to-identify "sessions."

Streamline and secure your production

PlayMaker offers RAID 6-protected internal storage, as well as direct network connections for transferring media to and from external storage devices, including Avid NEXIS™ storage. That means you can use your current infrastructure without additional—and costly—intermediate software and hardware. And it integrates with existing Avid MediaCentral® Platform solutions, enabling teams to share media, maximizing efficiency.

Enable collaboration with Interplay | Production

PlayMaker offers new collaborative workflows to share material across your entire production environment. Use PlayMaker NetStream Engine to ingest streams to Avid NEXIS in real time, making "Edit While Capture" operation available to Interplay® | Production, MediaCentral® | UX, and Media Composer users. Or record all feeds 24/7, giving teams instant access to any footage acquired hours before, with the ability to set in/out points, tag, and automate export to Avid NEXIS and check in to Interplay immediately, maximizing efficiency.

For more information, visit www.avid.com/playmaker

PlayMaker–Capture the action



PlayMaker Controller

Mechanical specification	Height: 7.1 in (180 mm) Width: 11 in (280 mm) Depth: 11.2 in (285 mm) Weight: 10.6 lbs (4.8 kg) approximate
Power consumption	60W (max) 100–240 V 47–63 Hz
Channel configurations	4-channel server ▪ 3 in / 1 out ▪ 2 in / 2 out (PVW-PGM, 2PGM, or MultiPGM) 6-channel server ▪ 5 in / 1 out ▪ 4 in / 2 out (PVW-PGM, 2PGM, or MultiPGM) 8-channel server ▪ 7 in / 1 out ▪ 6 in / 2 out (PVW-PGM, 2PGM, or MultiPGM) ▪ 4 in / 4 out (second controller enables two more outputs to be configured)
Super slow motion configurations	Supports 2x, 3x, 4x, and 6x normal speed cameras, combined with single phase camera recording channels
Data interfaces	1 x Serial 2 x USB 2 x Ethernet (1Gb) 1 x VGA
CPU	Atom N270
Operating system	Linux
RAM	1 GB
System hard drive	8 GB solid state drive
LCD	5.7-inch 640x480 TFT color touchscreen
Push buttons	Illuminated, 3 million operations minimum
Input devices	Support for external USB keyboard and USB mouse
Environmental condition	Operating temperature: 41°–104°F (5°–40°C) Storage temperature: -40°–158°F (-40°–70°C) Humidity: 90% max

* Specifications subject to change

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	PlayMaker Server
Mechanical specification	Rack: 19-inch 3U, Height: 5.1 in (130 mm), Width: 17.4 in (443 mm), Depth: 24.8 in (631 mm), Weight: 61.7 lbs (28 kg) approximate
Power supply	Redundant power supply, 2x 460W (max) 100–240 V 47–63 Hz
3D stereoscopic	Dual Link
Video CODECs HD	DNxHD 145/120, XDcamHD50 4:2:2,
Recording capacity HD (100 Mbps)	Over 50/40 hours in DNxHD, over 90 in XDcam
Available I/O configurations	4 channels, 6 channels, 8 channels
Channels configuration	Fully Flexible 8 in / 0 out, 7 in / 1 out, 6 in / 2 out, 5 in / 3 out, 4 in / 4 out, 3 in / 5 out, 2 in / 6 out, 1 in / 7 out, 0 in / 8 out
Super slow motion configuration	8 channels 2x normal speed options: 1 SSM + 4 Rec + 2 Play 2 SSM + 2 Rec + 2 Play 3 SSM + 2 Play 3x normal speed options: 1 SSM + 3 Rec + 2 Play 1 SSM + 4 Rec + 1 Play 2 SSM + 1 Rec + 1 Play 2 SSM + 2 Play 4x normal speed options: 1 SSM + 2 Rec + 2 Play 1 SSM + 3 Rec + 1 Play 6x normal speed options: 1 SSM + 1 Rec + 1 Play 1 SSM + 2 Play
Embedded audio	Embedded audio–PCM, up to 8 stereo audio channels per video input channel
Analog audio	Up to 8 in and 8 out balanced stereo channels, using an external 2U breakout box (AC-8), with software router for internal distribution
AES audio	Up to 8 in and 8 out balanced stereo channels, using an external 1U breakout box (AES-8), with software router for internal distribution
Video inputs	HD-SDI with clean and “dirty” loops
Video outputs	2 x HD-SDI per output
Video outputs monitoring	2 x HD-SDI with OSD Layer
Genlock	Bi / Tri level sync
Time code input	Internal free run, LTC - XLR, Embedded VITC / ATC (RP-188)

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	PlayMaker Server continued
Time code output	VITC / ATC
Data interfaces	1 x Serial 4 x USB (2 front/ 2 back) 2 x Ethernet (1Gb) 1 x VGA maintenance (front) 1 x XLR LTC input
CPU	2 GHz Intel Quad Core Xeon
Operating system	Linux
RAM	12 GB
System hard drive	2 x 500 GB RAID 1
Internal disk storage	8 x 3.5-inch 1 TB SATA 2
Hard Disk Redundancy	RAID 6 (striped disks with dual parity)
Environmental condition	Operating temperature: 41°–104°F (5°– 40°C) Storage temperature: -40°–158°F (-40°– 70°C) Humidity: 90% max



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For more information, visit www.avid.com/playmaker