HARDATA PLAYOUT 6310

Simplified system design for rapid deployment of new facilities, additional channels and services

HARDATA PLAYOUT 6310
Channel-in-a-box, HD/SD playout, CG

The PLAYOUT 6310 is the entry-level server in the HARDATA Ecosystem. Budget-friendly, this substantial server includes everything you need to launch and manage a TV channel.

What you get: Automated playlist, import of materials, search and content management, animated graphics and CG with scroll, SD or HD playout with one live input and one output (analog or digital).

With the addition of HARDATA OFFICE, you can easily manage the equipment from different workstations, without working on the server.

The PLAYOUT 6310 is ideal for stations with a single playout channel or WebTV. It is fully compatible and designed to be seamlessly integrated with other products in the HARDATA Ecosystem.

User interface is simple and intuitive. CG and branding with sockets, animated logos, vertical and horizontal scroll, flash animation, time and temperature.

FEATURE OVERVIEW

UNPACK, CONNECT, ON-AIR
Easy to install, operate and maintain, you can be on-air in a matter of minutes!

MULTI-FORMAT
Manages both SD and HD content, adapting them to the output format to ensure safe, accurate and high quality playout.

UP/DOWN CONVERSION
Real time, on-the-fly conversion of content between SD and HD. You can combine content from both formats on the same timeline. HD and SD simultaneous output.
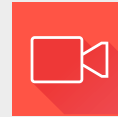
CHARACTER GENERATION
CG allows insertion of graphics and animation – including time and temperature, external file text and metadata. A wide range of standard graphic file formats is supported.

HIGH RELIABILITY FAULT TOLERANCE
Each storage array incorporates fault-tolerant hot-swap disks with RAID 6 technology and a built-in dual hot-swap power supply.

LIVE FEEDS
Ingest a live feed, add animated logos, graphics and text, or insert and replace advertising for error-free playout.

INTEGRATED WEB ACCESS
Integrated into every HARDATA server for remote content management and reporting. Compatibility-tested on PC and Mac platforms, web access allows server imports and exports, video content preview, and broadcast report generation.
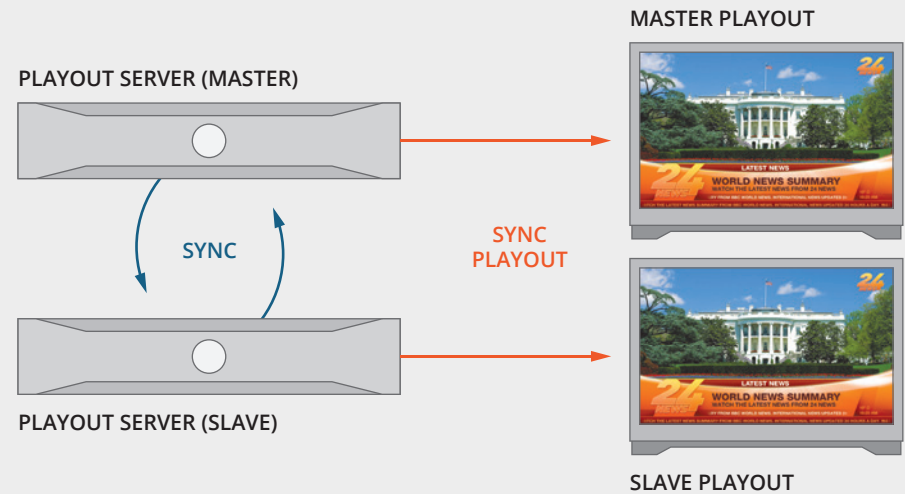
MULTI-LANGUAGE SUPPORT FOR ON SCREEN TEXT
Including Latin, Greek, Cyrillic, Hebrew, Arabic, Chinese, Japanese, Korean, Vietnamese and more.

HIGH AVAILABILITY OPERATION

With the use of a second playout server you can set up a MASTER/SLAVE conguration. With the SLAVE synchronized with the MASTER, all materials are copied and follow the playout list to generate a second video signal identical to the main one.

PLAYOUT SERVER (MASTER)

SYNC

SYNC PLAYOUT

PLAYOUT SERVER (SLAVE)

MASTER PLAYOUT

SLAVE PLAYOUT

▊ SPECIFICATIONS

FEATURES	
Full HD 1080i 50/59.94/60 Hz	Yes
HD 720P 50/59.94/60 Hz	Yes
SD PAL/NSTC	Yes
Video transcoding "on the fly" SD - HD, HD - SD	Yes
Live Signal Insertion	Yes
Character Generator	Yes
Time Delay	No
Multilanguage Support for On Screen Text, including Latin, Greek, Cyrillic, Hebrew, Arabic, Chinese, Japanese, Korean, Vietnamese	Yes
Graphics Animation	Yes
RS-422 Remote Control Inputs	Yes
VDCP Remote Control	Yes
Web Access and SDK (SOAP) interface	Yes
MASTER/SLAVE Mode Ready	Si
(With a second HARDATA server)	Yes
Out of the box, plug in, switch on and run	Yes

VIDEO	
Inputs / Outputs	1 Live In, 1 Out
Live Feed Input / Ingest Input	1 (Live Feed Input Only)
Digital Video Input	SD-SDI, HD-SDI
Analog Video Input	Component, NTSC / PAL Composite Video, S-Video
Video Output	1
Digital Video Output	HDMI, SD-SDI, HD-SDI
Analog Video Output	Component, NTSC/PAL Composite Video, S-Video
Sync Input	Yes

AUDIO	
Audio Channels	16
Digital Audio Input	AES/EBU, SDI Embedded
Analog Audio Input	Balanced
Digital Audio Output	AES/EBU, SDI Embedded
Analog Audio Output	Balanced

SPECIFICATIONS

PLATFORM	
Rackmount Dell Server	2 U
Hot Swap Redundant Power Supply	Yes
Hot Swap Disks Array	Yes
HDDs	8 x 300 GB
Storage Array	Raid 6
Storage	1.8 TB
SD Storage (H.264 @ 3 Mbps)	1300 hrs
HD Storage (H.264 @ 6 Mbps)	650 hours
Networking	2 x 1 GbE

SUPPORTED FILE FORMATS

SUPPORTED FILE FORMATS		
MXF	MPEG-PS	DV
LXF	MP4	XDCAM
GXF	MPEG-PS	
MPEG-TS	MP4	

VIDEO CODECS		
DV	MPEG-1	H.265 / HEVC
DVCPRO	MPEG-2	ProRes
DVCPRO HD	MPEG-4	DNxHD
M-JPEG	H.264 / AVC	

AUDIO CODECS		
PCM	MP3	AC-3
MP2	AAC	

❚ SPECIAL REQUIREMENTS

Our core capability is software engineering, and customers frequently engage us and our authorized system integration partners to support them in the design of custom solutions.

Bring us your questions and application requirements – our solution engineers are standing by to help you.

❚ CONTACT US

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