Live Production Pack 2
Professional Media Production for Houses of Worship

Whether you are looking for image magnification in the sanctuary or live streaming, these packages make it easy for volunteers to assist in fulfilling your ministry.

**Bring People Together Through Media**

Whether the audience is internal or external — and frequently it is both — video helps organizations fulfill their mission by communicating at a level that is more impactful than written or spoken words alone. Regardless of whether video is used for marketing or training, Image Magnification on a LED wall or streamed over social media, video is the most efficient way to increase audience engagement and retention while sharing multiple levels of information. Viewers retain 95% of a message they watch in a video compared to 10% when reading it in text.

**Create Connections**

For maximum impact, stories told through video must project an authentic version of the storyteller and the organization they represent. Authenticity can come in many forms, but one of the most powerful is to share live content. Recent studies found that 79% of respondents felt live video provided a more authentic interaction. Audiences spend 3x as much time watching livestream videos and comment 10x more during the broadcast compared to a pre-recorded video upload.

Although audiences will tolerate an occasional mistake in a live event, for trust to develop it also important to demonstrate competency. The quality of the media production is an important aspect of demonstrating that competency. So audiences concentrate on the message rather than the method of the content, the technology used to produce and deliver the communication must be invisible to the audience. That requires technology that is both highly performant and simple to operate.
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Empower Creatives
Grass Valley is the largest provider of video production and distribution equipment to the professional broadcast industry. Its equipment can be found in every major television network, and production truck in the world. With the introduction of Live Production Packs, those same quality standards and established user workflows are available to many other creative teams. Freelance operators familiar with Grass Valley equipment are easy to find. Novice operators can use a simple tablet interface for preset system-wide actions or quickly learn to operate the systems with the same workflows that are used across the entire broadcast industry.

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2x LDX 82 Elite cameras
LDX 82 Elite is the ultimate workhorse for live HD production — from live sports to scripted productions. LDX 82 Elite can switch between 1080i, 720p and 1080PsF, and features PowerCurves for shooting under challenging conditions, along with Color Protect to help correct lighting issues. XDR — Extended Dynamic Range — operation (HDR with full 15 F-stops or >800% of regular cameras) offers a new level of viewer experience for all 50/59.94 Hz formats. With the LDX 82 Elite, you can temporarily or permanently add 3G production formats, using eLicenses when needed.

The LDX 82 Series also uses Xensium-FT imagers that combine all the advantages from CMOS imaging technology such as high sensitivity in all video modes, high dynamic range and low power consumption. They also include global shutter behavior for unmatched sensitivity and picture quality even in the most demanding of applications.

With the XCU dockable base station, Grass Valley offers a revolutionary concept in camera transmission. XCU is a real game-changer for environments that need cameras to move between multiple locations. XCU is made out of two distinct units: the base station and a fixed cradle. The cradle can be mounted and wired into equipment racks, and the base station can be docked into different cradles as needed. All specific settings needed for the production environment are inside the cradle and will automatically configure the base station when it's powered on.

Two cameras increases the production interest by allowing creative team to switch between two different angles or a tight and a wide shot.

Note: all cameras include fiber adapter, tripod adapter plate, OCP, PSU and XCU

Partner for the Long Term
One of the hallmarks of Grass Valley’s industry leadership is its commitment to customers. Operators today appreciate the fact that Grass Valley technology allowed them to quickly pivot to remote production, without requiring system overhauls. Looking to the future, many also appreciate that the equipment they own today has a clear path to 4K UHD and HDR production formats.

Grass Valley’s Live Production Packs provide professional, effective, easy-to-operate video communication technology in entry-level systems that bring Grass Valley’s technology leadership and customer commitment to a wide range of new applications.

Kula 1 M/E production switcher
Kula is an entry-level production switcher designed for the professional broadcast and AV markets capable of operating in SD, HD, 3G/1080p and 4K UHD. It offers a powerful feature set in a compact system for easy installation and operation.

Kula's ground-breaking FormatFusion3 option lets you quickly adapt to the I/O requirements called for in different shows by simultaneously synchronizing, processing and manipulating in real time SD, HD, 3G and 4K UHD sources in the same mainframe, and even the same M/E bank. All BNCs on Kula systems accept SD/HD/3G sources. By routing these sources through FormatFusion3, these inputs can be converted to the production output standard for mixing in any M/E. Alternatively, sources, M/E outputs or Sub M/E outputs can be routed to FormatFusion3 engines for conversion to an alternative output standard. Automatic standard identification further simplifies set up for mixed format environments.

Simple operation and easy setup enables operators to work quickly and efficiently, making more time to work on other elements within the live production environment and reducing costly setup times. The large touchscreen menu provides easily accessible configuration and control without a separate control. Multiviewers, converters, syncs and a ClipStore for audio and video are integrated into the chassis, eliminating setup of external support gear.

The Kula 1 M/E is available with 18 inputs and 6 assignable outputs as well as 6 bidirectional I/Os. It provides 20 total M/E key layers, 4 floating DSKs, and 10 channels of ClipStore output.

Additional information
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www.grassvalley.com/live-production-packs

GV Pace Production Assist software
(24 month subscription)

GV Pace is a production automation control environment that simplifies unscripted productions to allow a single operator to execute and manage a high-quality, multilayered professional show — all from a tablet— without sacrificing content quality. Control all the production equipment from an easy-to-use, personalized touchscreen UI with the option to execute multiple actions from a single event trigger. User-defined preset buttons allow even the most inexperienced user to provide a quality presentation when the resident expert is unavailable.

Additional information

Integrated Swift graphics package

RT Software Swift Graphics are bundled with Kula to provide an intuitive creative tool for text, clocks, tickers/crawls, tables and video/clip handling. Once created, graphics are automatically loaded directly into the Kula Clip-Store for immediate use. Combining sophisticated, high quality graphics with powerful data capabilities, Swift is a modern on-air graphics platform that is easy to learn even when there are no in-depth graphics skills in the team. PC hardware is provided by the customer.

Additional information

ORDERING

LIVE-PROD-PKG-2
Live Production Pack 2 with camera, switcher, graphics and production control

Includes:
Cameras:
  2x LDX 82 Elite cameras
Switcher:
  1x Kula 1 M/E Production Switcher
Graphics:
  1x RT Software Swift Graphics package. 12-month subscription
Production Assist:
  24x GV Pace Pro level unscripted automation solution. 24-month subscription

Plus additional components and accessories to complete the Live Production Pack

Note: all cameras include fiber adapter, tripod adapter plate, DCP, PSU and XCU

Options

MSP-LIC-1ME-SW
License enabling control of Kula with the 1 M/E soft panel GUI on a customer supplied PC

eLicenses for Cameras
Please consult with account manager
1-5000100-0100 CGP 500
1-5500200-0100 CCS-ONE

Creative Grading control panel and server (must order both part numbers)

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