



HD/SD 12-CHANNEL PORTABLE VIDEO STUDIO HS-2800



HS-2800 is an integrated, briefcase-style HD production switcher. With 8/12 digital inputs, a built-in 17" multi-view video monitor and 10-bit video support, the HS-2800 is ideal for outside broadcast crews, mobile video units and any fast-moving live TV production.

Light weight, affordable and powerful, it is equally well suited to the live events and AV market, such as theatres, conference centers, places of worship, lecture rooms and corporate presentations.

The HS-2800 enables users to mix a variety of live and pre-recorded video, graphics and audio sources to produce high-quality HD digital content on the fly either for projection locally, playout globally or programme recording.

Advanced features include dual picture-in-picture functionality, dual down-stream keying, 4-CH XLR Audio inputs, Multiple embedded Audio SDI outputs, HD-SD conversion, and a 17.3-inch monitor to display input sources, program preview and the live program. For fluid communication among the production and camera crew, the HS-2800 integrates an eight way intercom system and comes complete with headsets, and tally lights, and headsets.

The output can be distributed direct to screen via HDMI or SDI. Users have a choice of delivering in SD or HD in full 4:2:2 quality. It is well suited for output to:

- HD/SD Projection systems
- HD/SD Recorder Datavideo HDR-60
- HD/SD Network Streaming encoder, Datavideo NVS-20
- HD/SD TV broadcast

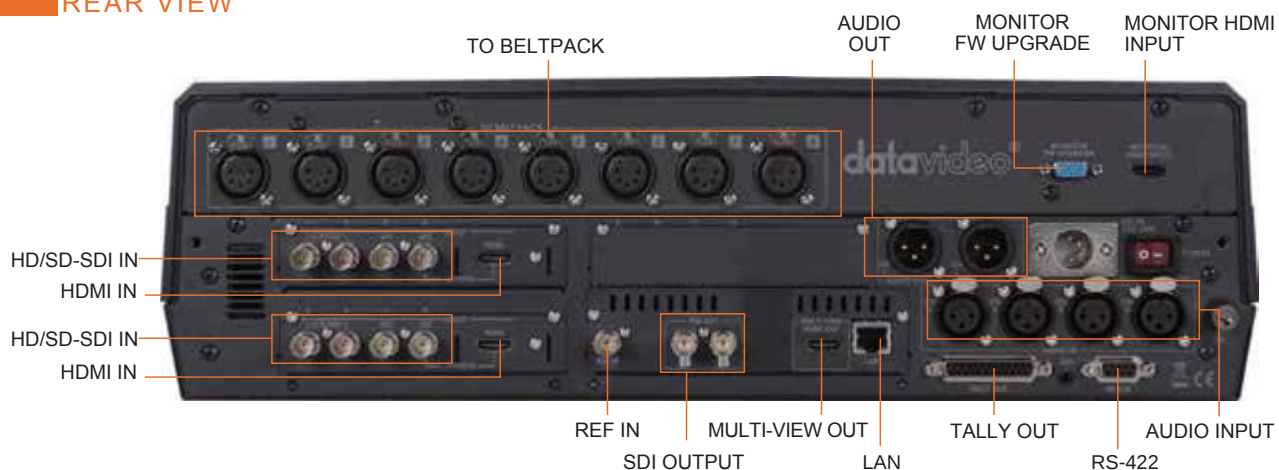


FUNCTIONS

- Supports 8/12 channels HD or SD inputs in a variety of configurations:
 - HD Mode: 8/12 HD-SDI | 6/9 HD-SDI + 2/3 HDMI
 - SD Mode: 8/12 SD-SDI
- 2 SDI outputs with 4-ch embedded audio, which can be assigned to AUX, Program (PGM), Preview (PVW) or PGM clean
- Selectable HD to SD down-scaler on outputs
- 1 HDMI multi-viewer output for external monitor
- 1 HDMI monitoring input for HD recorder
- Audio I/O
 - Input : 4 Analogue balanced XLR, supports audio follow video (A+V) switching
 - Output : 2 Analogue balanced XLR. Supports embedded audio SDI output from 4-ch XLR inputs
- Luma-Key supports text overlay from Powerpoint or a graphics program
- Two DSK, supports key and fill for SDI CG system
- Two PIP displays with user-defined size and borders
- Cut, mix and wipe with borders
- Clock and countdown counter on multi-viewer
- 2 logo display, 8 sets of logo stored (256x128)
- Tally outputs, GPI, RS-422 control interface and RJ45 for firmware upgrade
- Built in 8-ch intercom/tally system
 - Select 1-8 channel belt-pack communication
 - Duplex communication from producer to belt-packs
 - Two color tally light indication
 - 4 belt packs with 20m intercom/tally cable, tally and headsets
- Built in 17.3" HD LED monitor
 - Resolution: RGB 1600 x 900 TFT LED screen
 - Contrast ratio: 500: 1
 - Response time(Tr+Tf): 8ms
 - Luminance of white: typical 220 cd/m2
 - Viewing angle: horizontal 60(Left) / 60 (right); vertical 40 (top) / 60 (bottom)
 - Selectable color temperature: 9300, 7500 or 6500
 - Selectable multi-viewer or PGM monitoring
- DC 12V/36 watts operation power



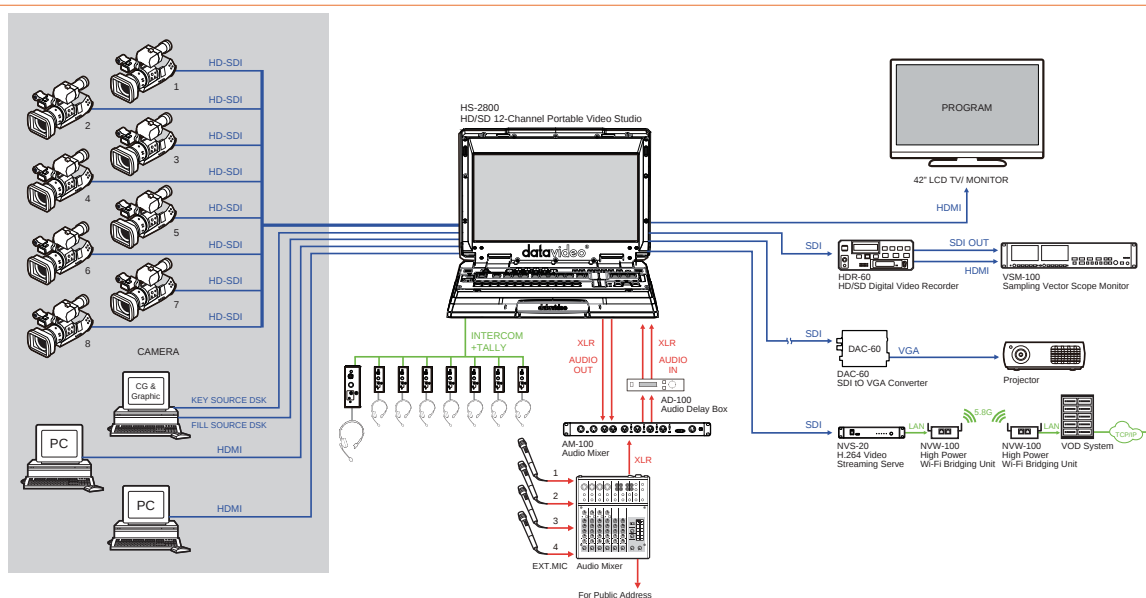
REAR VIEW



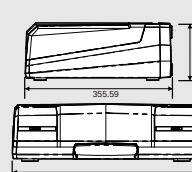
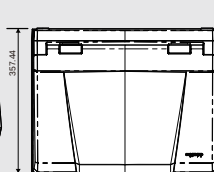
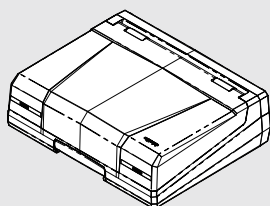
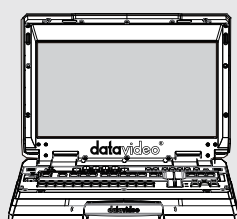
APPLICATION



DIAGRAM



DIMENSION AND WEIGHT



Size: 355 x 455 x 13 (mm)
 Power: AC 110-240V
 DC 12V,
 3A, 36W Max
 Weight: 9KG.