

# HD/SD 12-CHANNEL MOBILE VIDEO STUDIO MS-2800



Basic  
version  
MS-2800A



Advanced  
version  
MS-2800B

MS-2800 HD/SD PPU (portable production unit) is a light weight video studio that is ready to go. It's designed around the SE-2800 switcher to work in high and standard definition. It's perfect for outdoor events, conferences,

education, places of worship and many more applications. It's ideal for users that require a flexible but affordable system, a true one box 'live in seconds' studio solution with easy setup and break down at any location.

## REAR VIEW



MS-2800A

RP-50  
RP-31  
AD-100  
PD-2A  
SE-2800



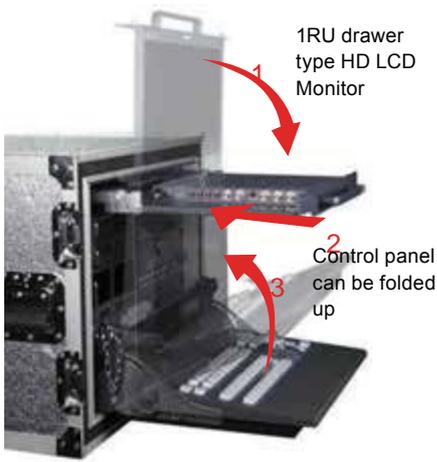
MS-2800B

RP-45A  
RP-31  
PD-3  
RP-51  
PD-2A  
SE-2800

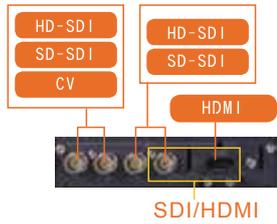
## FEATURES

- 8/12-Ch inputs:
  - HD Mode: 8/12 HD-SDI | 6/9 HD-SDI + 2/3 HDMI
  - SD Mode: 8/12 SD-SDI
- 3-ch SDI outputs for AUX, PGM, PVW or PGM clean out
- 1-ch HD to SD down-scaler on output ch-3
- 2-ch multi-viewer outputs
- Built in Digital clock & down counter
- 2 PIP modes, 2 logos and 2 DSK, supports Key & Fill
- 4-ch XLR audio inputs, 2-ch outputs, supports embedded audio SDI output
- 17" HD monitor for Multiviewer and PGM
- 8-CH Intercom/Tally system
- HD-SDI recorder: or up to 120Mb/s (HD) in Long GOP or i-frame 4:2:2 in MXF/OP1A file format
- Audio delay box for perfect lip-sync calibration
- Optional vectorscope with two 4.3" HD LCD monitors (MS-2800B only)
- Optional lookback system, 8-CH Camera power center and Datavideo All-in-One cable CB/22/23 and cable repeaters VP-605 (For MS-2800B)

**FUNCTIONS**



**Multi-format inputs**



**Two DSK**



**Two PIP**



**Intercom system: connect up to 8 intercom belt packs**



**Additional UPS by external DC 12V battery**



**News Broadcast**



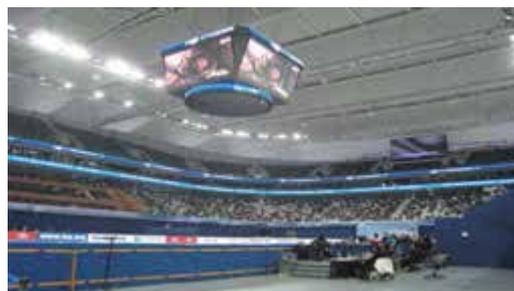
**Lecture Theater**



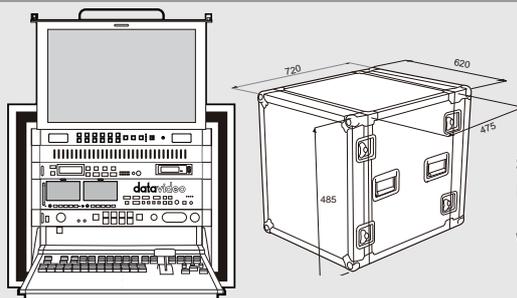
**Music Awards**



**Sport Stadium**



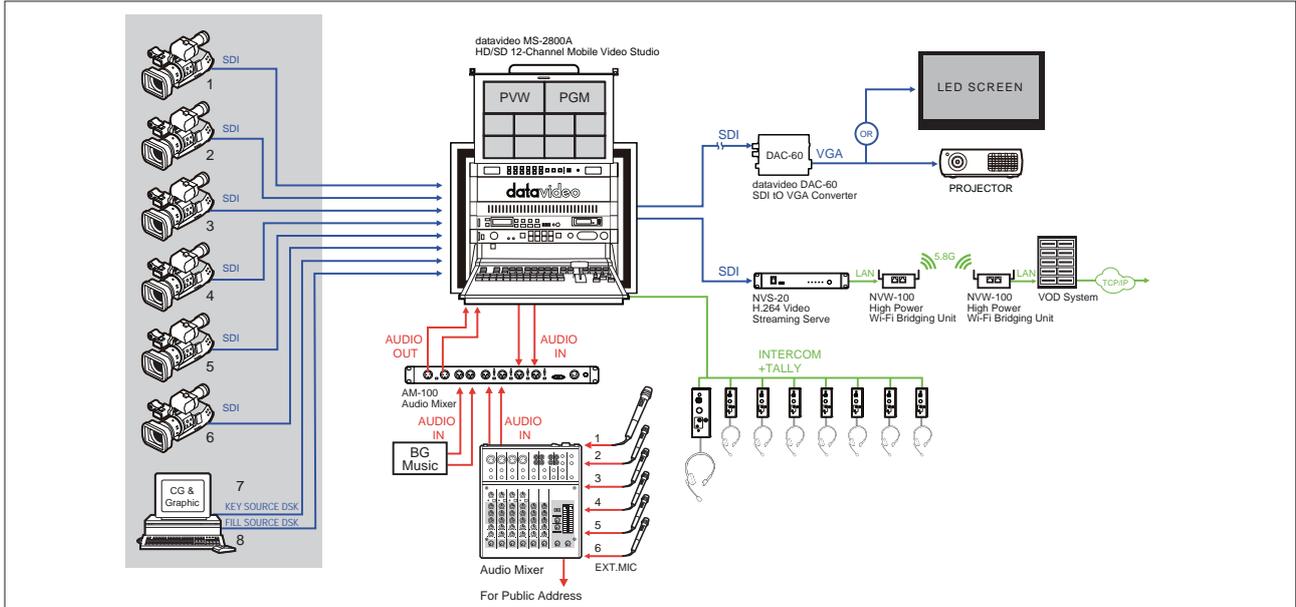
**DIMENSION AND WEIGHT**



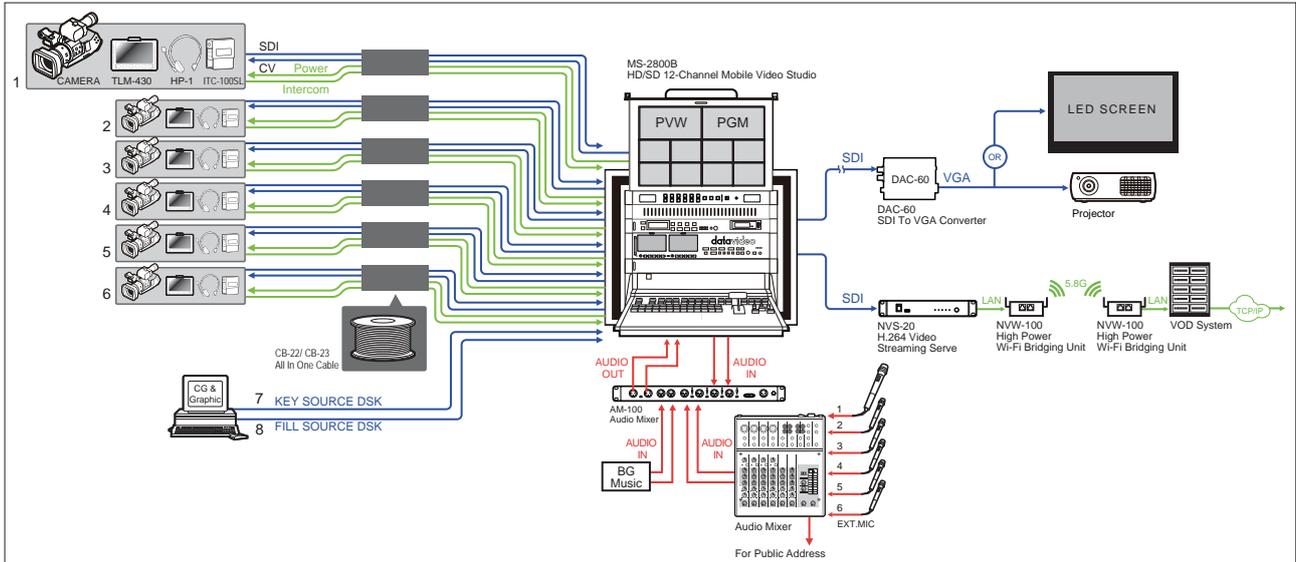
Size: 620(W) x 485(H) x 720(D) (mm)  
 Power: 100-240VAC, 50/60HZ,  
 1.6A/770mA, 240W Max  
 Weight: 52KG.

SYSTEM CONNECTION DIAGRAM

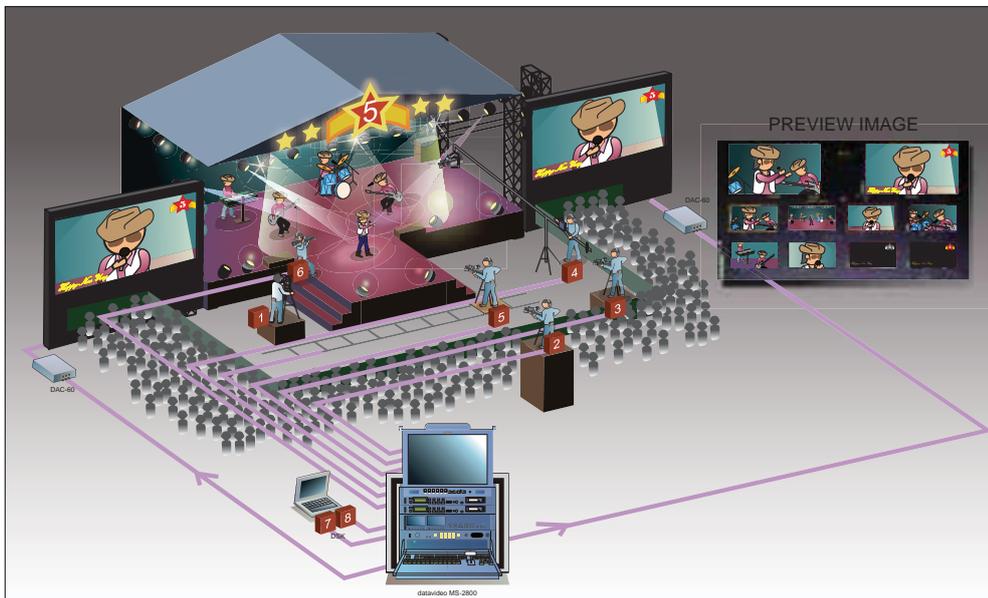
MS-2800A



MS-2800B



DIAGRAM



CONFIGURATION

Basic version MS-2800A



MS-2800A FRONT VIEW



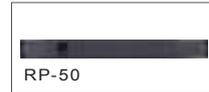
MS-2800A REAR VIEW



SE-2800  
HD/SD 12-ch switcher



TLM-170HM  
17.3" HD/SD LCD monitor



RP-50



HDR-70  
HD/SD video recorder



PD-2A  
Power center



RP-14  
2RU tray and cover



ITC-100  
Intercom system



RP-31  
ITC patch panel



ITC-100SL  
Intercom belt pack



TD-2  
Tally light indicator



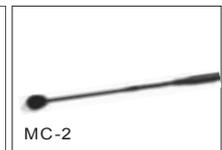
MC-1  
Microphone headset



CB-3  
20m 5-Pin intercom cable



CB-7  
1.2m GPI cable



MC-2  
Gooseneck microphone cable

Advanced version MS-2800B



MS-2800B FRONT VIEW



MS-2800B REAR VIEW



VSM-100  
Sampling vectorscope monitor



RP-45A



RP-51  
AD-100 with VP-445  
1-4 DA for SDI



PD-3  
Camera power center

Optional items



HDR-60  
HD/SD video recorder



TLM-43LB  
4.3" Look-back system



DN-60A  
DV/HDV video recorder



VP-633/VP-634  
100m SDI Repeater  
(Powered /unpowered)



VP-605  
All in one cable extender



CB-22/23  
HD/SD 30m / 50m all in  
one cable with power/



DAC-8P  
SDI to HDMI  
converter



DAC-9P  
HDMI to SDI  
converter



DAC-50  
SDI to analog cross  
converter



DAC-60  
SDI to VGA converter

**OPTIONAL ACCESSORIES**

**30m/50m all in one cable: CB-22/CB-23**



A convenient solution to cabling on location, as well as in the studio. Available in 30m (CB22) or 50m (CB23) lengths.

**All in one cable extender: VP-605**

**REAR VIEW**



**Camera power center: PD-6**



A universal power distribution center, with 8 separate power outlets. Each can be configured individually: DC25V, 18V, 14.4V & 12V, with a total power consumption of 360 Watts.

**DC to DC 12/7.5V 4.0A converter: DDC-4012H**

DDC-4012H allows connection to unregulated power sources, such as generators, batteries or other sources typically found on location. Ideal for use with CB-22 or CB-23 cabling.

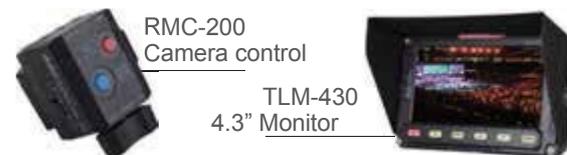


**8-ch video distribution amplifier: RP-45A**



A 1-in, 8-out composite video distribution amplifier for use with the CB-22 or CB-23.

**4.3" look-back system: TLM-43LB**



Sony, Panasonic and Canon camera control interface, play, pause, record and camera zoom control.

**SETUP DIAGRAM**

