



CONSTELLATION

Small but powerful Ku Uplink & Production

Production

For-A HVS-390 Hanabi Switcher
2 M/Es available, 16 input, 8 output
(4) Keyers per ME, (4) DVEs, (4) Chroma Keyers, Still Store

Records

(1) AJA KiPro HDD Recorder
(1) AJA HELO H.264 Recorder
Wired for up to 5 Recorders and 1 8-Channel Replay Unit

Camera Equipment

Wired for up to 4 CCUs
(4) Hitachi Z-HD5000 Hybrid Fiber 1080i/720p 59.94
TAC Fiber Adapters Available
(2) HH Viewfinders
(2) 7" Studio LCD Viewfinders
(2) Fujinon 20x ENG Lenses
(2) Fujinon 13x4.5 Wide Angle Lenses
Additional Camera/Lens Options Available

Transmission

2.4m Vertex Ku Uplink Antenna with 4-Port Feed
(2) 300-watt Ku MCL 3200 TWT
(2) Adtec EN81 Encoder/Modulator
(1) Adtec EN80 Encoder/Modulator
(1) Adtec EN100 Encoder/Modulator
(2) Adtec RD60 Decoder
(1) DirecTV HD DSS Receiver
(1) Apple TV OTT Receiver
Multichannel Mux Available

Communications

RTS Zeus 24-Port Digital Matrix
(4) RTS PL Channels
(5) RTS Telephone Interface
(4) Wet IFB Channels
(2) Biscuit Boxes

Connectivity

(2) VoIP Phone Lines
(2) Verizon Cellular POTS Lines

Terminal Equipment

40x40 BlackMagic Design HD/ASI Router
4x4 Audio Embed/De-Embed
(2) Configurable Integrated Multiviewer Outputs
(3) HD Frame Syncs
Frame syncs on all switcher inputs

Graphics Facilities

(1) Mac Mini with Playback Pro Software
Wired for 1 Dual-Channel Graphics System

Cable Inventory

(1) 500' TAC-8 Fiber Mult

Audio Facilities

Yamaha TF1 Digital Mixing Console
16 Fader / 32 DSP Inputs
32x16 Analog, 64x64 MADI
16x8 Remote Stagebox

Support

(2) Fostex Speakers
(3) Throwdown HD Monitors
(2) SDI-HDMI Converters
(2) Fiber Rattler Sets
(2) Decimator MD-Cross Converters

Power Requirements

1 Phase, 80 Amps, 208 Volts
2 Hot Legs, 1 Ground (no neutral required)
100' feeder cable with camlock connectors
20kW Generator On Board

Truck Dimensions

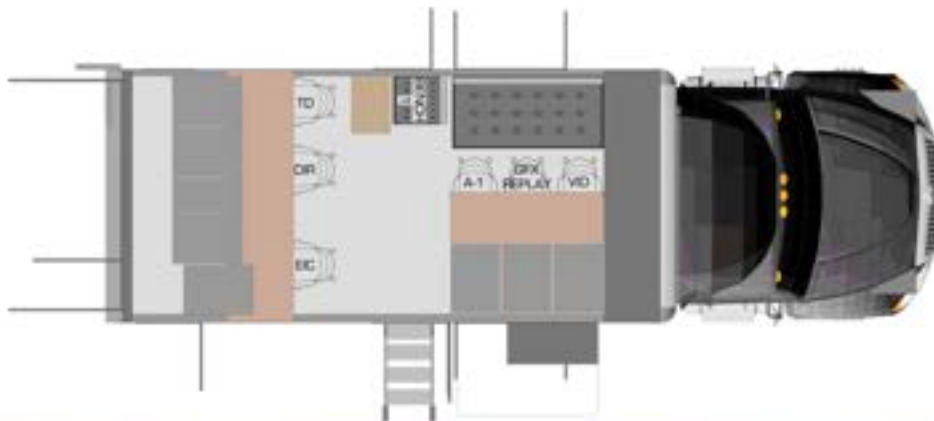
GVW – 26,000 Lbs
Dimensions – 29ft L, 9ft W, 13.5ft H working footprint

Resolutions & Frame Rates

1080i, 720p
59.94

For mobile unit inquiries, call or text at 877-959-8638 or e-mail contact@tndv.com

Mobile unit equipment complement is subject to change without notice. Additional equipment is available as needed.



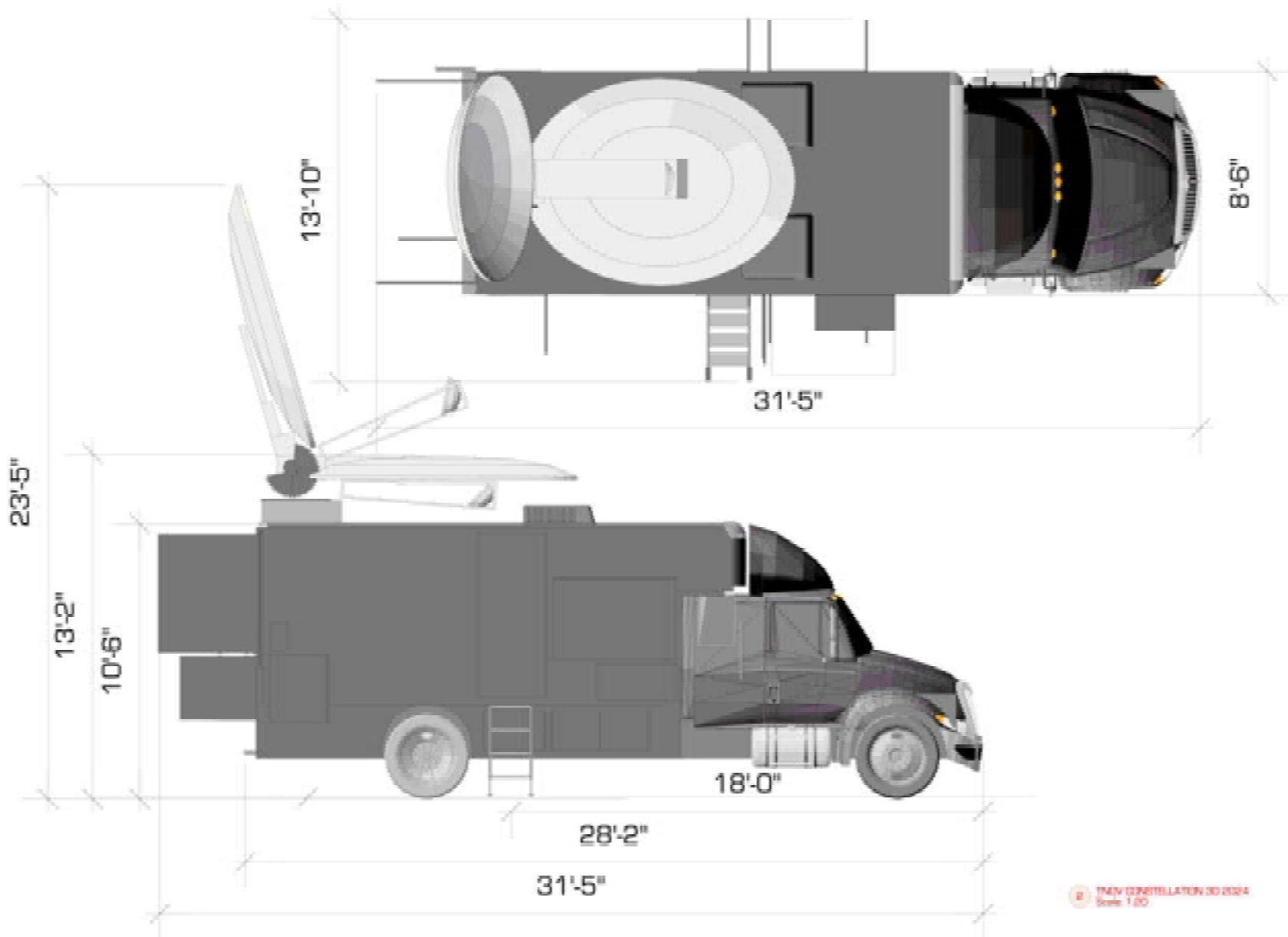
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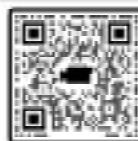
Visit us online at tndv.com

TNDV: Television
515 Brick Church Park Dr
Nashville, TN 37207
(877) 959-TNDV



TNDV CONSTELLATION 00 2024
Scale: 1:20

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**CONSTELLATION
HYBRID
SAT./PRODUCTION
TRUCK**

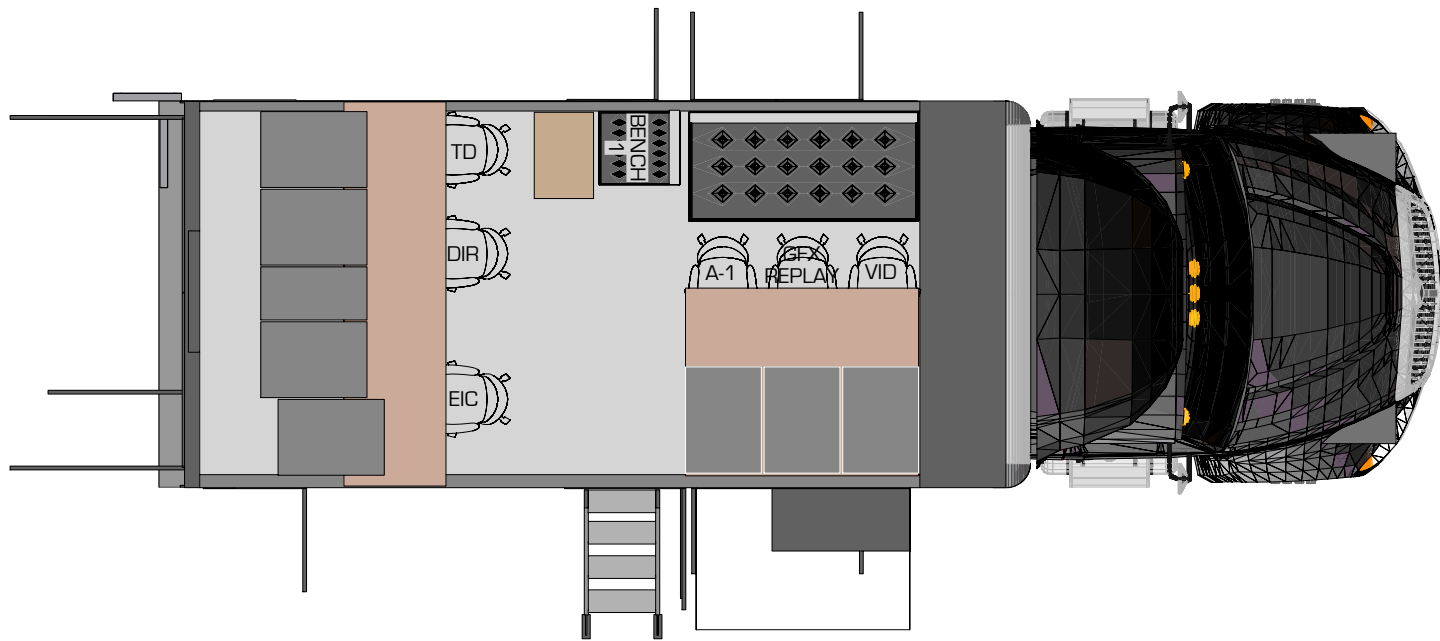
TNDV CONSTELLATION

FILE: TNDV CONSTELLATION 00 2024.rvt
PROJECT: DRAWING BY: Joseph Troner

DATE: 06/10/24
CONSTELLATION
HYBRID SAT./PRODUCTION
TRUCK

NO. 001

DATE: 6/10/24
TIME: 8:54:50 AM
Ver.005



#	LOCATION	NAME:
1	TD	
2	DIR	
3	EIC	
4	BENCH-1	
5	A-1	
6	GFX/REPLAY	
7	SHADER	

2 TNDV CONSTELLATION 3D 2024
Scale: 1:15

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TRUCK

TNDV CONSTELLATION KU

FILE: TNDV CONSTELLATION 3D 2024.vrx
PRODUCTION DRAWINGS BY: Joseph Fetzer

SHEET INFO:

CONSTELLATION
FLOOR PLAN
SEATING
ASSIGNMENTS

NOTES:

UPDATED:

Date: 9/10/24
Time: 9:55:09 AM

Ver.005



4 TNDV CONSTELLATION 3D 2024
Scale: 1:21



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TNDV CONSTELLATION KU

FILE: TNDV CONSTELLATION 3D 2024.vrx

PRODUCTION DRAWINGS BY: Joseph Fetzer

SHEET INFO:

CONSTELLATION
ISOMETRIC VIEW

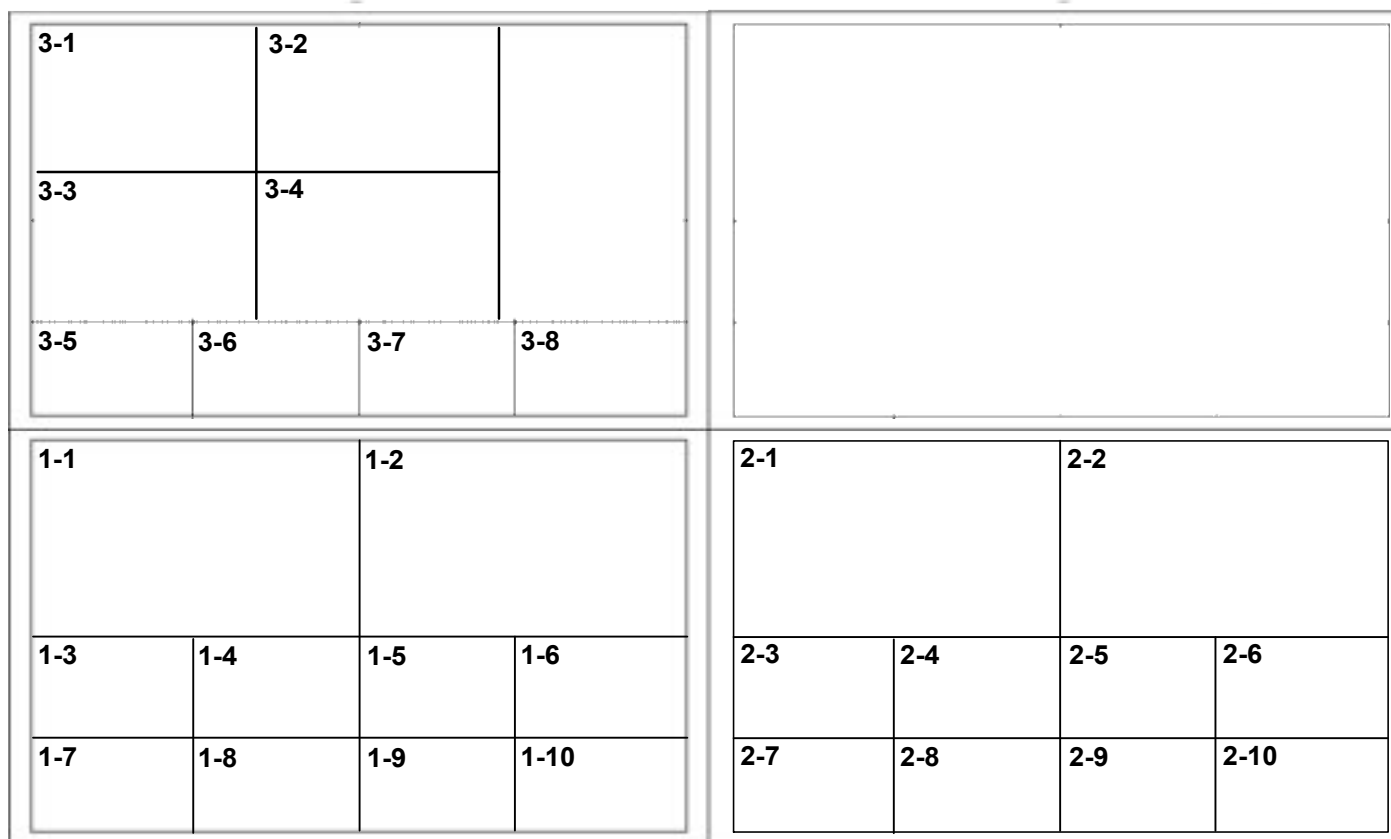
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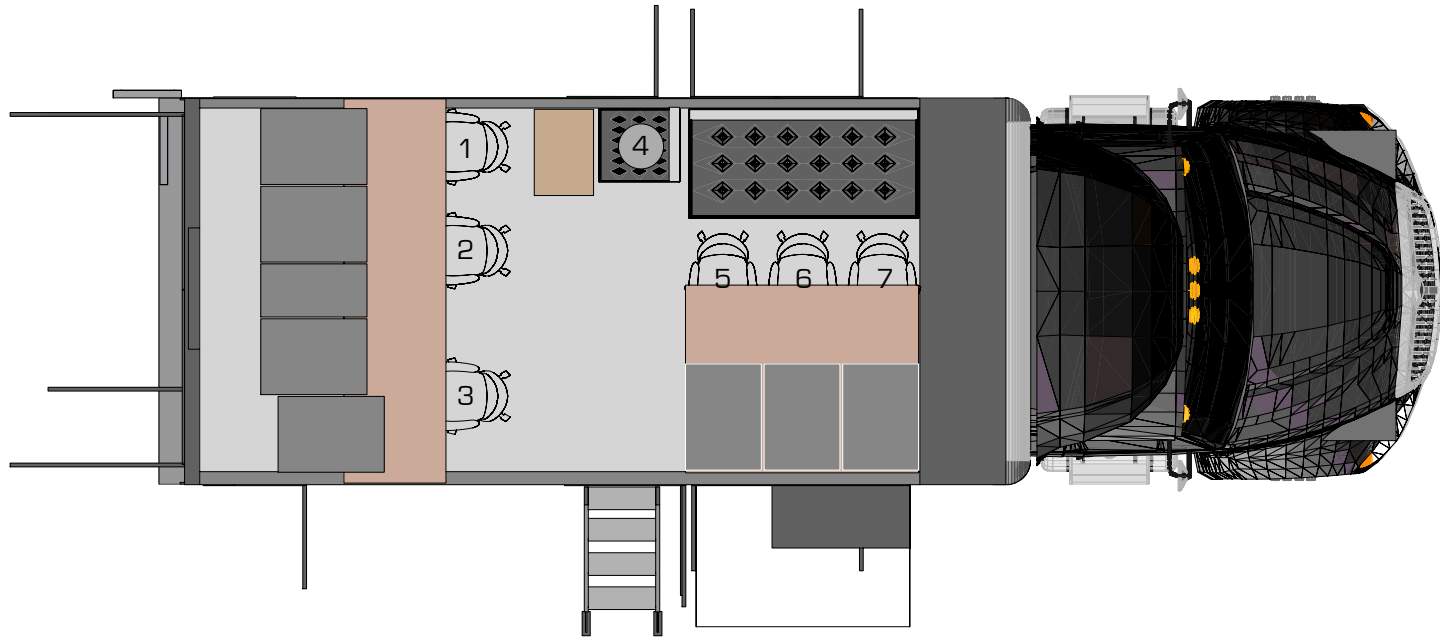
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“CONSTELLATION”



Director

Technical Director



PRODUCTION SEATING ASSIGNMENTS

1	
2	
3	
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2 TNDV CONSTELLATION 3D 2024
Scale: 1:15

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TNDV CONSTELLATION KU

FILE: TNDV CONSTELLATION 3D 2024.vwk

PRODUCTION DRAWINGS BY: Joseph Fetzer

SHEET INFO:

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BLANK
FLOOR PLAN

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