



# Cabin Entertainment

## *Integrated Audio and Video Systems*

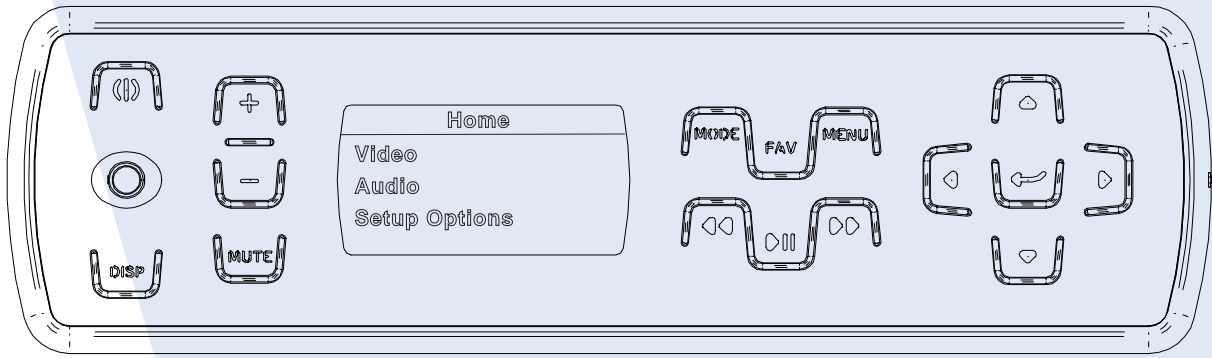
Tired of trying to piece together an entertainment system? Eliminate the headaches of multiple remote controls, limited flexibility and reduced functionality. Heads Up can help. With a single in-seat cabin switch panel, you control the options for work or play. Enjoy listening to your favorite Sirius XM Satellite Radio programming, watching a new DVD in high-definition, letting the kids hack away at their favorite video game or making that special client presentation.

Slim-line controllers utilizing OLED displays make selections easy. High definition monitors and Blu-ray players provide exceptional clarity. System integration minimizes parts count, enhances reliability and gives you a professional installation.

Let Heads Up provide your next entertainment system and put you in control.



HEADS UP TECHNOLOGIES



# System Specifications\*

Heads Up's Cabin Entertainment package provides audio and video entertainment at your fingertips.

## Integration.

Sure there are lots of entertainment choices today. You can mix and match all of your favorite listening and viewing selections including Sirius XM Satellite Radio, individually recorded MP3's and wide-screen video in high definition. More importantly, Heads Up provides you the integration to easily manage all of your preferred choices from a single in-seat panel. Avoid the hassle and worry of keeping up with multiple remote controls, systems and switches. With Heads Up's integrated approach, you have all the options at your seat.

## Flexibility.

From satellite radio to complete audio/video systems, Heads Up offers a wide range of options. Need to present a Powerpoint presentation with your team during flight while your kids are competing against each other with the latest Xbox game? No problem. Want to provide control for what is shown on the bulkhead monitor? Absolutely! Take advantage of all the following features and options:

- In-Seat Controls w/Integrated Head-Phone Jacks)
- Sirius XM Satellite Radio at Each Seat
- Individually Recorded MP3 Connection
- Auxillary Audio Attachment (ie, iPod, etc)
- Multiple Blu-Ray DVD Players
- SVGA Connection for Computer Presentations
- Component/Composite Input (Xbox, PlayStation, etc)

## Quality and Affordability.

You know what to expect from Heads Up - quality products with superior service at an affordable price. Features such as our embedded differential signaling provide for longer cable runs with maximum video clarity. No extra filters required - simply built into the products to minimize parts and to enhance your overall viewing experience. One stop shopping provides a clean look to your interior with a fully integrated and manageable system. Don't let your entertainment system control you - take charge with Heads Up!

## System Components:

### Video

- Inputs (3) Component/Composite, (1) SVGA
- Outputs (5) Component/Composite/SVGA
- Monitor Options 10" arm / bulkhead and 15" bulkhead mount
- Blu-ray DVD Single Disk / Max 2 per System
- Inseat Controls Up to (4) per System
- User Equipment Option(s) MP3 via USB, SVGA, Aux Audio, Component/Composite

### Electrical

- Nominal Input Voltage 28 VDC
- Microprocessor Based 32 Bit - 400Mhz PowerPC
- Current (Standard System) 8.5Amps
- Power (Standard System) 238.5 Watts
- Protocol RS232 / RS485
- Video Switching Non-Blocking Cross Point Switch

### Physical

- Monitor Resolution High Definition (720p)
- Display Type LCD / 10" & 15"
- Monitor Backlighting LED / CCFL
- Dimensions & Weight
  - VDU (Video Distribution Unit) 11.0" x 2.0" x 5.8" / 1.9 lbs
  - ADU (Audio Distribution Unit) 11.5" x 1.9" x 6.8" / 3.37 lbs
  - Blu-ray Player 5.7" x 3.0" x 8.8" / 2.75 lbs
  - 10" Inseat Monitor 10.6" x 7.3" x 1.5" / 2.96 lbs
  - 10" Bulkhead Monitor 12.0" x 8.7" x 1.2" / 2.66 lbs
  - 15" Bulkhead Monitor 15.0" x 9.9" x 1.5" / 5.6 lbs
  - CSP (Customer Switch Panel) 6.5" x 1.9" x 0.8" / 0.35 lbs
  - PNL (Entertainment Panel) 5.7" x 1.9" x 2.6" / 0.45 lbs

### Environmental

- Storage Temperature -40C to +85C
- Operating Temperature (DVD/Monitors/CSP) -15C to +55C
- Operating Temperature (ADU/VDU) -20C to +55C

### Testing/Certification

- Hardware - Environmental 14 CFR PART 21
- Software RTCA DO-160F
- RTCA DO-178B, Level E

\* Specifications subject to change without notice. Please contact factory for latest specifications.



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