



PHOTOS: SHUTTERSTOCK (FAR LEFT), COMILUX

# Cabin electronics manufacturers

*Today's cutting edge won't make the cut tomorrow.*

**TEN YEARS AGO, NOBODY EVEN TALKED ABOUT LIGHTING** aircraft cabins with LEDs. Today, not an airplane rolls out of a completion center that isn't LED from nose to tail. The result: illumination that's brighter, lower maintenance, longer lasting and more economical.

In 2008, the idea of wireless cabin electronics was little more than a geek's dream, but five years later, you can transfer information wirelessly aboard many business jets; in fact, the lack of this feature can be a deal-breaker, whether you're buying an airplane or simply chartering one.

Movies, music and PowerPoint presentations from a tablet or smartphone can now be wirelessly streamed to the cabin entertainment system, allowing access by any passenger.

This year at the Aircraft Interiors Expo in Hamburg, Germany, meanwhile, electronics giants Panasonic and Thales were promoting their video eye-tracking and hand-gesture-control features. The technology is available now, according to Panasonic, and should start showing up on aircraft within two years.

As for connectivity, major satellite communication suppliers predict that in-flight data-transfer rates will be the equal of those of any home or office system, also within two years.

Inmarsat is teaming with Honeywell and Boeing to put its Global Xpress Aviation network into service as early as 2015 and is expecting "consistent, high-capacity broadband coverage" with data-transfer rates up to 50 mbps worldwide.

Viasat's Yonder Internet for business aviation, which had a maximum data-transfer rate of about 1 mbps a year ago, took a quantum jump to 4 mbps in May. And the company expects its new Exede Internet to provide global rates of 12 mbps or more as the Ka-band satellite system becomes fully operational and available to aviation users.

Clearly, buyers of new aircraft would be well advised to keep a sharp eye on developments in cabin electronics, because what you select in 2013 may be old technology by 2014. This list of cabin electronics suppliers is a good starting point to stay informed.

—Kirby J. Harrison

**Aircell**

*Communications, broadband equipment*  
 Broomfield, Colorado  
 (303) 301-3200  
 aircell.com  
 sales@aircell.com

**Aircraft Cabin Systems**

*Video monitors*  
 Redmond, Washington  
 (425) 883-8008  
 aircraftcabinsystems.com  
 mail@aircraftcabinsystems.com

**AlsterAero**

*Control panels and units*  
 Hamburg, Germany  
 +49 40 248 27 120  
 alsteraero.com  
 contact@alsteraero.com

**Alto Aviation**

*Audio entertainment components*  
 Leominster, Massachusetts  
 (978) 466-5992  
 altoaviation.com  
 sales@altoaviation.com

**Arinc**

*Communications, connectivity equipment*  
 Annapolis, Maryland  
 (410) 266-2062  
 arinc.com  
 corpcomm@arinc.com

**Astronics**

*Aircraft lighting*  
 East Aurora, New York  
 (716) 805-1599  
 astronics.com  
 lsinyalsales@astronics.com

**AVID**

*Noise-canceling headphones*  
 Middletown, Rhode Island  
 (401) 846-1300  
 avidairlineproducts.com  
 esteere@avidairlineproducts.com

**Avionics Innovations**

*Audio entertainment components*  
 Ramona, California  
 (760) 788-2602  
 avionicsinnovations.com  
 sales@avionicsinnovations.com

**Ball Aerospace & Technologies**

*Laser communications, airborne antennas*  
 Boulder, Colorado  
 (303) 939-6100  
 ballaerospace.com  
 info@ballaerospace.com

**Blue Sky Network**

*Communications equipment*  
 La Jolla, California  
 (858) 551-3894  
 blueskynetwork.com  
 sales@blueskynetwork.com

**Bose**

*Noise-canceling headphones*  
 Framingham, Massachusetts  
 (508) 879-7330  
 bose.com  
 airlineheadsets@bose.com

**Custom Control Concepts**

*Cabin-management, communications and entertainment systems*  
 Kent, Washington  
 (206) 575-0933  
 custom-control.com  
 info@custom-control.com

**DPI Labs**

*Cabin-management, entertainment*  
 La Verne, California  
 (909) 392-5777  
 dpilabs.com  
 sdesmet@dpilabs.com

**Emteq**

*Cabin-management systems*  
 New Berlin, Wisconsin  
 (262) 679-6170  
 emteq.com  
 sales@emteq.com

**Esterline CMC Electronics**

*Airborne antennas*  
 Saint Laurent, Canada  
 (514) 748-3184  
 cmcelectronics.ca  
 janka.dvornik@cmcelectronics.ca

**Flight Display Systems**

*Entertainment components, cabin-management systems*  
 Alpharetta, Georgia  
 (678) 867-6717  
 flightdisplay.com  
 sales@flightdisplay.com

**Heads Up Technologies**

*Entertainment components, cabin-management systems*  
 Carrollton, Texas  
 (972) 980-4890  
 heads-up.com  
 info@heads-up.com

**Honeywell**

*Cabin-management, communications and entertainment systems*  
 Phoenix, Arizona  
 (602) 436-5658  
 honeywell.com  
 bill.rowell@honeywell.com

**Idair**

*Cabin-management, communications and entertainment systems*  
 Hamburg, Germany  
 +49 40 5070 64669  
 idair.aero  
 verena.bintaro@idair.aero

**Inflight Entertainment Products**

*Monitors, lighting, audio/video systems*  
 Carpentersville, Illinois  
 (847) 844-7367  
 ifeproducts.com  
 info@ifeproducts.com

**Inmarsat**

*Satellite communications services*  
 London, England  
 +44 20 7728 1777  
 inmarsat.com  
 customer-care@inmarsat.com



**International Communications Group**

*Satellite-based global voice and data telecommunications*  
 Newport News, Virginia  
 (757) 947-1030  
 icg.aero  
 sales@icg.aero

**Intheairnet (U.S.)**

*Cabin-entertainment components, cabin-management systems*  
 Irvine, California  
 (949) 442-2300  
 intheairnet.com  
 rogerson@rogerson.com

**Iridium Communications**

*Satellite communications services*  
 McLean, Virginia  
 (703) 287-7400  
 iridium.com  
 info@iridium.com

**LiveTV**

*Cabin-entertainment systems, satellite TV*  
 Melbourne, Florida  
 (321) 308-3900  
 livetv.net  
 mike.moeller@livetv.net

**Lufthansa Technik**

*Cabin-management, entertainment systems*  
 Hamburg, Germany  
 +49 40 5070 3212  
 lufthansa-technik.com  
 wolfgang.reinert@lht.dlh.de

**Mid Continent Controls**

*Cabin-management, entertainment systems*  
 Derby, Kansas  
 (316) 789-0088  
 midcontinentcontrols.com  
 sales@midcontinentcontrols.com

**OnAir**

*Communications services*  
 Seattle, Washington, (206) 607-2700  
 Geneva, Switzerland, +44 22 747 6459  
 onair.aero  
 onairhq@onair.aero  
 onairnorthamerica@onair.aero

**Panasonic Avionics Corp.**

*Cabin-entertainment, communications*  
 Lake Forest, California  
 (949) 672-2000  
 panasonic.aero  
 info@panasonic.aero



**PGA Avionics**

*Cabin electronics*  
Montierchaume, France  
+33 2 5407 9090  
pga-avionics.com  
sales@pga-avionics.com

**PS Engineering**

*Audio control systems*  
Lenoir City, Tennessee  
(865) 988-9800  
ps-engineering.com  
contact@ps-engineering.com

**Rockwell Collins Cabin Systems**

*Cabin-management, communications  
and entertainment systems*  
Tustin, California  
(714) 929-3000  
rockwellcollins.com  
csmarketing@rockwellcollins.com

**Rosen Aviation Displays**

*Communications, entertainment equipment*  
Eugene, Oregon  
(888) 668-4955  
rosenaviation.com  
customer\_service@rosenaviation.com

**Row44**

*Communications, broadband connectivity*  
Westlake Village, California  
(818) 706-3111  
row44.com  
info@row44.com

**Satcom 1**

*Internet, communications  
and satellite services*  
Greve, Denmark  
+45 4615 4546  
satcom1.com  
info@satcom1.com

**Satcom Direct**

*Satellite services*  
Satellite Beach, Florida  
(321) 777-3000  
satcomdirect.com  
sales@satcomdirect.com

**Sennheiser Vertrieb und Service**

*Headphones*  
Old Lyme, Connecticut  
(860) 434-9190  
sennheiser.com  
info@sennheiser.com



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**SkyTheater Entertainment Systems**

*Custom theater entertainment systems*  
Fort Lauderdale, Florida  
(954) 392-0716  
skytheater.com  
info@skytheater.com

**Starling Advanced Communications**

*Satellite antennae*  
Yotneam, Israel  
+972 73 259 7300  
starling-com.com  
starling@starling-com.com

**Teac America**

*Video and audio players*  
Montebello, California  
(323) 726-0303  
teac.com  
custser@teac.com

**Teledyne Controls**

*Entertainment systems*  
El Segundo, California  
(310) 765-3600  
teledyne-controls.com

**Thales Headquarters**

*Communications, broadband*  
Neuilly-sur-Seine, France  
+33 1 57 77 80 00  
thalesgroup.com

**Thales Inflight Avionics Systems**

*Communications, broadband equipment*  
Irvine, California  
(949) 660-7722  
thalesgroup.com

**Thrane & Thrane**

*Communications, broadband equipment*  
Kongens Lyngby, Denmark  
+45 3955 8800  
thrane.com  
info@thrane.com

**TrueNorth Avionics**

*Communications equipment*  
Ottawa, Canada  
(613) 224-3301  
www.truenorthavionics.com  
info@truenorthavionics.com

**ViaSat**

*Satellite networking, broadband equipment*  
Carlsbad, California  
(760) 476-2200  
www.viasat.com  
bruce.rowe@viasat.com