APEX EDGE SERIES KSN 770

Integrated Communciation Navigation Display

Flexible and detailed situational awareness.

BendixKing®
by Honeywell
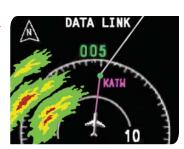
INNOVATION NEVER LOOKED BETTER

KSN 7

Welcome to the next generation of combined Nav/Comm devices for general aviation—the KSN 770, part of the innovative Apex Edge Series from Bendix/King by Honeywell. The KSN 770's forward-thinking design incorporates both current and emerging standards, and anticipates what's yet to come. Never before have so many features been designed into an MFD that bring value to the pilot in terms of safety, ease of use and future growth.

The KSN 770 brings together the latest in digital Nav/Comm radio technology, a full WAAS GPS navigator, terrain, traffic and uplink weather all on a high resolution 5.7" diagonal full-VGA screen. This higher resolution allows for clear display of hazards, moving map and flight plan to a level of detail not previously available on similar products. Full VGA also allows for future upgrades such as charts and maps to be viewed in crisp detail from the on-board navigation database.

Enhance Your Safety and Perception

Imagine that you've been cleared for the LPV approach at an unfamiliar destination. It's nighttime. You're solo. There's no ILS and you're in actual IMC conditions. The KSN 770 navigation database accesses and selects the LPV approach, and allows you to view the hazardous terrain near the west of the runway on the moving map. The pilot-selectable thumbnail window displays air traffic or uplink XM weather for the surrounding area. The autopilot now couples to the approach and, for the first time, you're flying a constant-descent GPS approach with glide slope precision to near-ILS minimums.

KSN 770 Specifications

Size	6.25" W x 5.25" H x 10" D
Weight	8.5 lbs
Power	11-33 VDC
Screen Diagonal/Display Size	5.7" Active Matrix LCD
Resolution	640 W x 480 H Pixels (Full VGA)
Certification	
DO-178B, DO-254, DO-160E	
Fully TSO'd (including WAAS TSO-C146C)	
Interfaces	
Digital interfaces to display the more popular safety sensors	
Audio outputs	
Remote annunciations and switches	
Analog and digital deviation outputs	
Air data inputs	
Additional available interfaces to support future growth	

Uplink XM® Weather for surrounding area.

Intuitive, Easy–to–Use Design

The KSN 770 was created with a sharp eye to Industrial Design and Human Factors. The high-resolution screen is bordered by very carefully placed bezel buttons with precise functionality that ensure you are never more than a few pushes from the desired information. Gone are the days of multiple knob twists and pushes to select a waypoint and build a flight plan—now you simply point and click. A Cursor Control Device (CCD) in the lower right provides simple drop-down menu navigation, much like a computer mouse or trackball. To the pilot that means navigation, communication and other KSN functions become simple to manage.

Value Today and Growth for Tomorrow

Provisions have been made to keep your new product up to date with value-added features to meet current and emerging standards. Future options include:

Electronic Charts and Maps	Embedded TAWS
Weather Radar Interface	Higher Power 16W Comm

Growth for future functionality via software load is accomplished with the front panel USB port—be it future XM weather features or future ADS-B requirements. This readily accessible port also allows for easy loading of the navigation database and on-board terrain database.

770

FEATURES

Squelch / ID
Overlay Icons
Flight Information
Thumbnail
Dedicated Commonly Used Keys
Terrain Display
Radio Tuning Window
Radio Tuning
USB Port

On / Off
Flightplan
Victor Airways
Line Select Keys
Range
CDI
CCD

Technology Backed by Experience

Welcome to the next generation of combined Nav/Comm devices. The KSN 770 MFD incorporates and anticipates new and future standards such as ADS-B, data link wx and communication, victor airway routing, graphical charts and WAAS-LPV approaches. At its core we've included our advanced digital radio, highly accurate WAAS GPS, and flight management functions previously found only in advanced business jets. Elegant. Innovative. Reliable. And customized to your mission profile.

KSN 770 Quick Feature Comparison

Feature	Bendix/King	Competitor
Screen Size	**5.7" Diagonal Full VGA**	5" Diagonal 1/4 VGA
Screen Resolution	**640 x 480**	320 x 240
Digital Nav/Comm	**Yes**	No
WAAS/LPV	Yes	Yes
Advanced Navigation/ Graphical User Interface	**Yes**	No
Interfaces		
TAS/TCAS	Yes	Yes
XM Weather	Yes	Yes
Future Options		
TAWS	Yes	Yes
Charts/Maps	**Yes**	No
16-Watt Digital VHF Comm	**Yes**	No
Wx Radar Interface	**Yes**	No

For more details on the KSN 770 or other products in the Apex Edge Series, please visit us at www.bendixking.com/apexedgeseries.

Bendix/King by Honeywell is a global provider of avionics, communications and flight controls for the general aviation market.