KMD 150 - Bendix/King
Color Multifunction Display GPS

The Value of Information

Offering a unique combination of increased situational awareness, enhanced safety and wide-ranging capability, the new KMD 150 Color Multifunction Display/GPS gives you big screen performance in a package that fits your panel—and your budget.

Designed specifically for use in piston-powered and light turbine aircraft, the KMD 150 features a high-resolution color display, a safety-enhancing terrain database, the capacity to display GPS navigation and a variety of aeronautical and cartographic information simultaneously, an easy-to-use oystick controller, and newly implemented Victor Airways. In short, the new KMD 150 offers a unique combination of performance and value.

A Better View…

With its big, 5" diagonal screen, the KMD 150 presents a broad coverage area, making flying easier and more convenient. Combining Jeppesen® aeronautical data, cartographic mapping and GPS navigation information, the KMD 150 shows you everything from flight plans to way points and airports, NDBs, intersections, VORs, special-use airspace, rivers, roads, lakes, cities, railroad tracks and towers, terrain elevation and WX-500 Stormscope® data. Its database can also be customized, enabling you to view the specific information you want to see, at the map ranges you want to use. There's even a handy de-clutter feature that, at the pilot's option, removes detail as you zoom out, and remembers your preferences for future reference.

In addition, the KMD 150 is available either with or without a built-in GPS receiver. Thus, the system can function as a stand-alone VFR navigator, or it can serve as a supplement to your current GPS or Loran receiver (including our own KLN 89B, KLN 90B and KLN 94 GPS, or KLN 88 Loran). Either way, its high-resolution screen lets you take full advantage of your moving-map capability.

…That's Easy To Use

To access all its advanced capabilities, the KMD 150 features an advanced graphical interface, complete with menu-driven, easy-to-use software.

Operation is as easy as point and click with the intuitive, mouse-like joystick controller. The joystick lets you move the on-screen cursor at will, to select screen features or highlight elements like way points, controlled airspace and airports. With the touch of a button, the KMD 150 lets you call up more inform tion. For example, positioning the cursor over an airport symbol and pressing the 'More Info' button provides frequencies, lighting, even runway diagrams—all on a single screen, without changing pages or dialing in complicated codes.

The KMD 150 is also available with a separate North American database that incorporates Victor Airways and obstacles, or a European database that includes non-ICAO fields and visual reporting points. Four language options—French, Spanish, German and English—give the KMD 150 worldwide applicability.

Part of our Bendix/King Silver Crown Plus avionics series, the KMD 150 offers all the quality, convenience and value you expect from the world leader in avionics systems. With its wide viewing angle, pilot-friendly operating system, context-sensitive on-screen help function and excellent sunlight readability, the KMD 150 presents navigation information clearly and colorfully.

Leading the way into the next generation of panel-mounted avionics, the KMD 150 is the affordable choice in multifunction displays.

A powerful MFD, the KMD 150 adds color and enhanced situational awareness to existing GPS installations.

As a stand-alone unit, the KMD 150 integrates GPS navigation with situational awareness. Presentation options include a pilot-selectable large-text feature, shown here against the background of a high-resolution topographical map.

Specifications

Width: 6.2 in. (15.8 cm)
Height: 4.0 in. (10.1 cm)
Depth: 6.9 in. (17.5 cm)
Weight: 3.3 lbs. (1.75 kg) (including rack and data card)
Screen Size: 5" (12.7 cm) diagonal
Temperature Range: -20°C to +55°C (continuous)
Power Input: 10-33VDC (15W max.)
Mounting: Rack-mounted
Antenna: KA 92, 26.5dB gain low-profile
Max. altitude: 25,000 feet
Humidity: 95% non-condensing
Environmental Standard: RTCA DO 160C B1VBA[MN]XXXXXXZBBB-BUBXXX
GPS Receiver architecture: 8-channel parallel
Response time to first fix: 12 sec. (almanac, position, time and ephemeris known); 45 sec. (almanac, position & time known); 15 min. (nothing known); 1.5 sec. (reacquire)

Advanced-Technology Features

Offering a comprehensive list of pilot-friendly features, the KMD 150 is also packed with value. Here's a summary of its key capabilities:
• Color MFD/GPS moving map for enhanced situational awareness
• Available without an internal GPS unit for use with existing GPS/Loran units
• High-resolution, color TFT active-matrix display
• Outstanding sunlight readability with wide viewing angle
• Customizable Jeppesen® aeronautical database (see sidebar "GPS Database/Display Capabilities")
• Enhanced cartographic database (see sidebar "GPS Database/Display Capabilities")
• Regional topographical/elevation information (see sidebar "GPS Database/Display Capabilities")
• High-speed, high-capacity front-loading PCMCIA data card
• 'North-up' and 'track-up' operation
• Intuitive, easy-to-use soft-key operating system
• Unique joystick control for data entry and "more information" feature
• On-screen "Help"
• Autopilot interface
• Incorporates E6B calculator function for density altitude, trip planning and fuel planning
• Multilingual capability offers English, French, Spanish and German, along with on-screen airport listings in either plain language or ICAO code

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