

**KNR 634A
Bendix/King
Digital Navigation
Receiver**



The Source For Directions

Featuring all solid-state circuitry, the compact Bendix/King KNR 634A Navigation System is designed to offer superior performance and reliability.

For example, the KNR 634A's VOR/LOC receiver derives all 200 NAV channels—from 108.00 to 117.95 MHz—electronically, reducing parts count and enhancing durability. Its modular design incorporates a built-in 40-channel glideslope receiver, marker beacon receiver and "XYZ" RMI outputs.

Operating on 28-volt aircraft power, the KNR 634A can be interfaced with any 400 Hz, Electrically Zeroed ARINC CDI or HSI navigation display. Its serial outputs offer

automatic DME channeling, and its flag system is compatible with most popular flight director/autopilot systems.

Compartmentalized construction offers additional RF shielding while providing easy access to circuits and components. In addition, the KNR 634A remote box features a front-end connector to facilitate maintenance and troubleshooting.

The system's KFS 564A digital control/display unit presents both active and standby frequencies on easy-to-read, self-dimming gas-discharge readouts. "Flip-flop" frequency tuning—which can also be bypassed by the pilot—helps reduce cockpit workload.

Controls include an ON/OFF/VOL knob, a pair of concentric frequency selectors and a "flip-flop" transfer button, which may also be remote-mounted. Display brightness is automatically adjusted via a photocell. Of course, the KFS 564A provides nonvolatile memory storage of frequencies during shutdown or temporary power interruptions.

As an additional capability, the KFS 564A can store up to nine preset channels, allowing regularly used frequencies to be programmed and quickly recalled for greater convenience.

Worldwide support is available from more than 800 Bendix/King dealers.

Specifications

KNR 634A Remote Unit

Length: 11.10 in. (28.22 cm)
Width: 2.50 in. (6.35 cm)
Height: 5.00 in. (12.70 cm)
Weight: 5.40 lb. (2.45 kg)
TSO (NAV): C40a; RTCA DO-153A
Operating Power: 28 V dc

KFS 564A Control Head

Length: 5.78 in. (14.67 cm)
Width: 2.09 in. (5.31 cm)
Height: 2.25 in. (5.72 cm)
Weight: 1.10 lbs. (0.50 kg)
Ltg. Power: 27.5 V dc or 5 V dc



ACTUAL SIZE

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