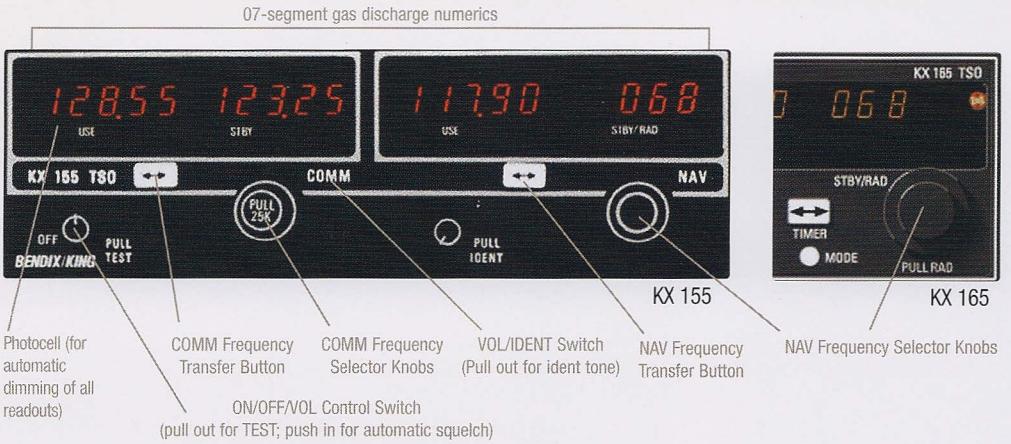

Simple. Reliable. Capable.

Simplicity, reliability and capability are key characteristics of the Honeywell Bendix/King KX 155 and KX 165 NAV/COMMs. These high-quality, time-tested systems make "stay ahead" frequency pre-planning effortless.

Both NAV and COMM frequency displays incorporate the popular "flip-flop" pre-select feature. This function allows pilots to set up en route or approach frequency changeovers well in advance of the actual transition point or ATC handoff sequence, for true "stay ahead" flight management.

By simply selecting the upcoming NAV or COMM frequency in the "standby" (STBY) display, pilots can "flip-flop" it into "active" status at the press of a button. This function may also be controlled from an optional remote-mounted switch. Both "active" and "standby" frequencies are displayed simultaneously. A non-volatile memory circuit holds all displayed frequencies in storage – through aircraft shutdowns or momentary power interruptions – without the need for battery power of any kind.

Large, self-dimming, microprocessor-controlled readouts and solid-state electronic tuning provide fast, accurate selection of all 200 NAV and 760 COMM frequencies – and both the KX 155 and KX 165 feature a built-in 40-channel glideslope receiver. (As an option, they're also available without the glideslope.)

The KX 165's useful "radial" feature offers an instant readout of the current radial (from the "active" VORTAC station) digitally displayed in the "standby" NAV frequency window. With both frequencies continuously available, it's easy to perform a quick crossfix check by simply pressing the "flip-flop" button and noting the displayed radial from each of the two selected VORTACs.

Two Levels of Capability

Although the two systems are virtually identical in appearance, the KX 165 has greater capability. It offers some additional features, such as the digital radial readout, and comes with a built-in VOR/LOC converter, while the KX 155 requires an external VOR/LOC converter.

Both units will interface with any ARINC standard CDI or HSI display. Options include a full line of Honeywell Bendix/King indicators – visit our Web site at www.bendixking.com to learn more.

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Specifications for KX 155 and KX 165

Certification
COMM Transmit: TSO C37b
COMM Receiver: TSO C38b
NAV Receiver: TSO C36c, C40a
Environmental Standard: A1D1/A/KPS/XXXXXXBAAA

Physical Dimensions
Width: 6.25 in. (15.88 cm)
Length: 10.16 in. (25.81 cm)
Height: 2.05 in. (5.21 cm)

Weight: (add .55 lbs. for Glideslope)
KX 155: 4.75 lbs. (2.15 kg)
KX 165: 5.10 lbs. (2.31 kg)

Power Input
14 VDC: Receive .7 A, Transmit 8.5 A
28 VDC: Receive .4 A, Transmit 6.0 A

Communication Transmitter
Frequency Range: 118 – 136.975 MHz in 25 kHz increments
Frequency Stability: ±0.0015 %
Power Output: 10-Watts minimum
Sidetone Output: Adjustable to 100 mW into 500 ohms headphones

Communication Receiver
Receiver Sensitivity: 2μV (hard) or less for 6db (S + N)/N with 1,000 Hz tone modulated 30%
Audio Output: 100 mW output into 500 ohms minimum

Navigation Receiver
Frequency Range: 108 – 117.95 MHz in 50 kHz increments
Frequency Stability: ±0.0015%
Power Output: 10-Watts minimum
VOR/LOC Sensitivity: 2μV (hard) or less on all channels for half flag deviation
Audio Output: With a 1 kHz tone 30% modulation at least 100 mW output into 500 ohm load

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