

FlightSim Developers

Flying high in digital aviation

KA155 Nav-COM Transceiver



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EULA

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Getting Started

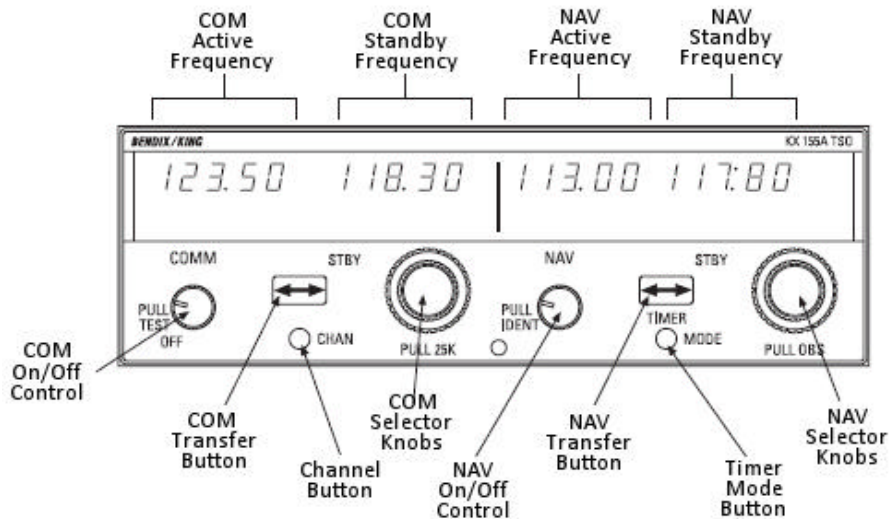
This system utilizes advanced computer technology normally found only in high end general aviation avionics. It does this by utilizing state of the art computer components. It is strongly recommended that pilots acquaint themselves with the features and controls described in this manual prior to using it in flight.

System Requirements

- Microsoft Flight Simulator 2004 or Flight Simulator X
- Windows 7, Windows Vista, or Windows XP

KX 155 Operation

All controls required to operate the KX 155A and KX 165A are located on the unit front panel.



COM TRANSCEIVER

Rotate the On/Off knob clockwise from the OFF position to turn the unit on. The left portion of the digital display readout is allocated for COM ACTIVE and COM STANDBY frequencies.

Select the desired operating frequency in the standby display by rotating the Frequency Select knobs either clockwise or counterclockwise. A clockwise rotation will increment the previous frequency while a counterclockwise rotation will decrement the previous frequency. The outer knob will change the MHz portion of the standby display. At one band-edge (118 or 136 MHz) the following 1 MHz change will wrap around to the other band-edge. The inner knob will change the kHz portion of the standby display. It will change in increments of 50 kHz. The frequency wrap around at the edge of the band is also utilized when incrementing or decrementing the kHz portion of the standby display.

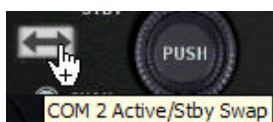
To tune the radio to the desired operating frequency, the desired frequency must be entered into the standby display and then the transfer button must be pushed. This will trade the contents of the active and standby displays. The transceiver is always tuned to the frequency appearing in the ACTIVE display. It is therefore possible to have two different frequencies stored in the ACTIVE and STANDBY displays and to change back and forth between them at the simple push of the transfer button.

A non-volatile memory stores up to 32 programmable channels.



Pressing the Channel Button (**CHAN**) once will change the display mode to Channel Recall mode. The standby frequency will change color to green and the first stored number in memory will be displayed.

Rotate the outer COM frequency selector knob clockwise (up) or counterclockwise (down) to recall each of the 32 stored frequencies.



Finally, press the Transfer button to recall the stored frequency.



The unit will automatically exit the channel mode if no channel is selected within 7 seconds after entering the channel selection mode.

NAV RECEIVER

The right portion of the display is allocated to NAV receiver information. The frequency channeling is similar to the COM when operating in the frequency mode. The NAV increment/decrement knobs are located on the right hand side of the front panel. The inner knob operates in 1 MHz steps and increments/decrements the STANDBY frequency display. The outer knob operates in 50 kHz steps. The NAV receiver's lower and upper frequency limits are 108.00 MHz and 117.95 MHz. Exceeding the upper limit of frequency band will automatically return to the lower limit and vice versa.

Depressing the mode button will cause the NAV display to go from the ACTIVE/STANDBY format to the TIMER mode. This is a countdown time that can be set to any value between 1 minute and 99 hours 59 minutes.



The first press of the Timer Mode button will make the timer display visible.



Pressing the button again will bring up the Timer Set mode. Use the inner frequency control knob to adjust the timer minutes up or down.



Pressing the button a 3rd time will bring up Timer Start mode. Press the Transfer Button to start the timer countdown.

Pressing the Timer Mode button one more time will bring up Timer Stop mode. Press the Transfer Button to stop the timer.

And additional press of the Timer Mode button will hide the timer display. Press the button again to show it.

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