

KMA 28

Bendix/King

Audio Control Panel



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Designed specifically to complement the Silver Crown Plus series, the Bendix/King KMA 28 provides you with an unprecedented array of usable, pilot-friendly features. (Shown actual size)



Loud And Clear

An outstanding panel isn't complete without an outstanding audio system. That's the premise behind the new Bendix/King KMA 28, a complete system that combines an audio amplifier, six-station intercom and marker beacon receiver.

Your first impression of quality comes from the unit's contemporary faceplate, with its extensive backlighting of bezel nomenclature and knobs. This makes the KMA 28 easy to read and operate, particularly at night. Positive-action buttons (with pilot-selectable key-click response) offer a sense of confidence. The audio selection buttons incorporate LEDs to annunciate your selected audio sources, and the high-visibility marker beacon lights include outputs to drive external annunciators. But what's most impressive is the KMA 28's feature set.

The Sound Of Value

A marvel of capability, the KMA 28 boasts an impressive list of audio management features.

For example, its handy 'split-COM' feature allows the pilot to use the number one radio to talk with air traffic control while the co-pilot uses the number two radio to check on the weather or arrange for a rental car. Dual entertainment inputs let your passengers listen to something other than what you want to hear and, when installed with a PA speaker, its public address capability gives you their undivided attention.

There's also a 'Swap' mode that provides remote radio frequency management; a 'background music' mode with automatic muting when a signal is received on the COM; the ability to interface with an approved airborne telephone; and emergency mode circuitry that allows COM 1 to operate through the pilot's headphone/microphone if the power fails.

About The KMA 28

VOLUME - The KMA 28 volume knob, which regulates the pilot and copilot intercom, also functions as a power/emergency operation switch.

MARKER BEACON SENSITIVITY SWITCH - This toggle switch lets you adjust marker beacon sensitivity; the T/M position provides both a lamp test and a marker audio mute function.

INTERCOM MODE SELECT SWITCH - This switch lets you toggle between 'ISO', which isolates the pilot from the intercom system; 'ALL', for all intercom positions tied together; and 'CREW', which provides separate intercom loops for front and back seat positions.

COM AUDIO SELECT BUTTONS - These illuminated buttons let you see which COM receiver audio is selected. COM 1/2/3 audio is automatically selected to match the mic selector switch. (COM 3 does not have a separate selector button.)

ADDITIONAL AUDIO SOURCE SELECT BUTTONS - These latching buttons allow you to choose among Navigation receiver (NAV), marker beacon (MKR), automatic direction finder (ADF), distance measuring equipment (DME), and an additional switched audio input (AUX). The selected audio is provided to the aircraft's cabin speakers when the (SPR) button is engaged.

MIC SELECTOR KNOB - Allows the pilot and copilot to transmit on COM 1, 2 or 3, and routes the audio of the selected COM to the headphone amplifier. This control also allows you to split the pilot and copilot communications channels. The 'TEL' position activates the pilot's cellular telephone interface (for use with airborne telephone systems).

TRANSMIT LIGHT - Illuminates during COM 1, 2, or 3 transmission.

SWAP MODE LIGHT - Illuminates when the swap mode is activated with an optional remote switch. Swap mode can be activated when either COM 1 or COM 2 is selected with the mic selector knob, enabling you to switch to the other COM (COM 2 or COM 1) without moving the selector knob.

For further operating instructions, consult the KMA 28 section of the Silver Crown Plus pilot's guide, part number 006-18110-0000.



Then, there are such intercom features as IntelliVox®* automatic squelch control, with separate voice activated squelch circuits for each microphone input to eliminate intercom squelch adjusting; the convenience of 6 intercom stations; and the real pleasure of stereo entertainment outputs.

Built-In Marker Beacon

For added value, the new KMA 28 incorporates a self-contained marker beacon. Its excellent selectivity eliminates interference from FM radio and television stations, and can also drive remote marker beacon lights, like those in our Bendix/King Autopilot Annunciator Panels or our KA 40 Remote Marker Light display.

A front-mounted toggle switch gives you control over marker beacon receiver sensitivity (as well as lamp test and marker audio muting), providing you with an unprecedented level of flexibility.

Backed By The Best

Like our other panel-mounted avionics, the KMA 28 is backed by Bendix/King's comprehensive two-year "no-hassle" warranty. And wherever you fly, you'll never be far from one of our 800 authorized service centers worldwide—the most extensive support network in general aviation.

Combining improved ergonomics, convenience features, outstanding performance and legendary Bendix/King reliability, the Silver Crown Plus KMA 28 offers the value and capability you expect from the leader in panel-mounted avionics.

Ask your nearest authorized distributor for complete details and a demonstration of all the new Silver Crown Plus avionics systems.

*IntelliVox® is a registered trademark of PS Engineering, Inc.

KMA 28 Specifications

TSO Compliance:

Marker Beacon Receiver: TSO C35d
Audio Amplifier: TSO C50c

Environmental Categories: A1D1/CA(MN)XXXXXXBBBBBTBKXX

Physical Dimensions:

Length behind panel: 6.8 in (17.30 cm)
Width: 6.25 in (15.88 cm)
Height: 1.3 in (3.30 cm)
Weight: 1.5 lb. (0.54 Kg)

Temperature Range: -15°C to +55°C continuous

Altitude Range: +50,000 ft. (unpressurized)

Intercom: 6-Place

Entertainment: 2 inputs (Stereo)

Transceivers: 4 (COM 1, COM 2, COM 3, approved airborne telephone)

Receiver Inputs: 5 (NAV 1, NAV 2, ADF, DME, AUX)

Transmit Selections: 6 (COM 1, COM 2, COM 3, COM 1/2, COM 2/1, TEL)

Marker Beacon:

Frequency: 75 MHz
Sensitivity: LO 1,000µv Hard
HI 200µv Hard

Selectivity: 6 db at ±10 kHz
40 db at ±120 kHz

Audio Frequency Response: ±3 dB, 300 Hz–6 kHz

Entertainment Frequency Response: ±3 dB, 100 Hz–18 kHz

Speaker Output: 3 W into 4Ω @ 13.8 V, 10 W into 4Ω @ 28.5 V

Headset Output: 38 mW into impedance of 150Ω, <1% THD,
70 mW into impedance of 150Ω, <10% THD

Power Requirements: 11-33 VDC, 2.5A max

Power Consumption: 600mA (typical with speaker on, 28v)

350mA (typical with speaker off, 28v)



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Policy Notice: Avionics installations require special skills, tools and test equipment. Our limited warranty is valid only for equipment installed in accordance with our sales and service policies.

In keeping with our policy of continual product improvement, designs and specifications may be altered without notice.

Due to the nature of VHF communications signals and the size constraints in general aviation aircraft, it is likely there will be some bleed-over in split-COM mode, particularly on adjacent frequencies. Honeywell makes no expressed or implied guarantee regarding the suitability of the split-com mode in a given installation.

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