



Single Block VHF/AM Transceiver

AR6201

Compact Line/Communication



8.33 kHz, integrated VOX/Intercom, dual watch mode

The AR 4201 VHF-AM transceiver has, for decades, been the very synonym for reliability. More than 18.000 units have been sold over the last 20 years. The unit has proven to be a trustworthy companion for thousands of pilots flying millions of flight-hours. For many it will be difficult to acknowledge that this legendary radio is becoming technical history.

But there is good news. Becker Avionics International has launched a successor that represents a quantum leap forward in performance, technical sophistication and robustness.

The AR6201 VHF-AM transceiver is smaller and lighter than its forerunner due to implementation of state-of-art DSP (Digital Signal Processing) technology. It is mountable in the 2¼ inch standard instrument panel recess and is equipped with a highly efficient AM transmitter, a very sensitive receiver and a full graphic LC-display that allows for easy reading under all light conditions, including full sun. Push button and display illumination can be dimmed. The AR6201 is, of course, prepared for **8.33 kHz** spacing that will become the new international standard for airborne communication. Switching between the 8.33 and the 25 kHz mode is therefore made effortlessly simple. Standard or dynamic microphones can be used. A built-in-test facility increases flight safety. The **dual watch mode** that allows scanning of two different channels is an extra feature. The AR6201, with its integrated **VOX/Intercom** circuit, allows communication between pilot and co-pilot.

The AR6201 will continue the Becker airborne radio success story far into the 21st century. Is available in two variants: one with switch over for both 8.33 kHz and 25 kHz, or as 25 kHz only.

Main Features:

- Frequency Range: 118.000 MHz to 136.990 MHz
- Channel Spacing: 8.33 or 25 kHz
- Channel Selection: 8.33 or 25 kHz (selectable)
- RF-Output Power: > 6 W (carrier power)
- Receiver Sensitivity: > 12 dB sinad for 2 uV
- Input Voltage Range: 9 V DC to 36 V DC
- Operating Temperature Range: -20°C to +55°C, for short time up to +70°C
- Current consumption: 1,6 A @12 V DC (transmit), 85mA@12 V DC (receive standby)
- Certification: ETSO-2C37e and 2C38e / TSO-C169a
- Function: dual watch mode, integrated VOX/Intercom